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## XCMG GROUP PRODUCT MANUAL

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# HOISTING MACHINERY



- Wheeled Crane
- Crawler Crane
- Tower Crane
- Truck-mounted Crane



PRODUCT INTRODUCTION

Being the leader in the global crane industry, XCMG operates the world' s largest wheeled crane manufacturing base, and exports its truck cranes, with their lifting capacities in the range of 8 – 220 tons, to more than 170 countries and regions in Europe, North America, South America, Southeast Asia, Middle East, Africa and Central Asia.

MAIN SPECIFICATIONS

Item	Unit	XCT8L4	XCT12L4	XCT16	QY20K5
Max. Rated Total Lifting Load	t	8	12	16	20
Max. Load Moment of Base Boom	kN·m	296	482.5	730	900
Dead Weight in Travel State	kg	12300	16000	23300	29800
Rated Power	kW/r/min	103/2600	176/2300	170/2200	192/2200

Item	Unit	XCT20L4	XCT20L5	QY20K_Y
Max. Rated Total Lifting Load	t	20	20	25
Max. Load Moment of Base Boom	kN·m	957	900	860
Dead Weight in Travel State	kg	26020	29400	26100
Rated Power	kW/r/min	192/2200	192/2200	192/2200

Item	Unit	XCT25L5	QY25K5-I	QY25K-II
Max. Rated Total Lifting Load	t	25	25	25
Max. Load Moment of Base Boom	kN·m	1132	961	1010
Dead Weight in Travel State	kg	33000	31750	29400
Rated Power	kW/r/min	(213/210)/2200	206/2200	206/2200

Item	Unit	QY25KA_Y	QY25K5A_Y	QY25K5S	XCT25L5_S
Max. Rated Total Lifting Load	t	25	25	25	25
Max. Load Moment of Base Boom	kN·m	1041	1061	961	1132
Dead Weight in Travel State	kg	29600	33000	33000	33000
Rated Power	kW/r/min	213/2200	213/2200	213/2200	221/1900

Item	Unit	QY30K5-I	QY30KA_Y	BR300	XCT35
Max. Rated Total Lifting Load	t	30	30	30	35
Max. Load Moment of Base Boom	kN·m	1025	1103	1155	1458
Dead Weight in Travel State	kg	32400	30000	32800	35000
Rated Power	kW/r/min	206/2200	206/2200	209/2200	213/1900

Item	Unit	XCT40	QY50KA	QY50KS	XCT55L5_S
Max. Rated Total Lifting Load	t	40	50	50	55
Max. Load Moment of Base Boom	kN·m	960	2009	1822	2033
Dead Weight in Travel State	kg	30980	42200	43270	44000
Rated Power	kW/r/min	334/1700	276/2200	276/2200	260/1900

Item	Unit	XCT55L5	XCT55L6	QY55KA_Y	BR600
Max. Rated Total Lifting Load	t	55	55	55	60
Max. Load Moment of Base Boom	kN·m	2033	2058	2009	2033
Dead Weight in Travel State	kg	44000	44000	42200	44600
Rated Power	kW/r/min	260/1900	260/1900	276/2200	260/1900

Item	Unit	QY70K-I	QY70KS	XCT75	QY75K
Max. Rated Total Lifting Load	t	70	70	75	75
Max. Load Moment of Base Boom	kN·m	2303	2303	3175	2969
Dead Weight in Travel State	kg	43000	45000	46000	48000
Rated Power	kW/r/min	276/2200	276/2200	260/1900	276/2200

Item	Unit	QY75KA_Y	XCT75_S	XCT80L6	XCT80
Max. Rated Total Lifting Load	t	75	75	80	80
Max. Load Moment of Base Boom	kN·m	2303	3175	3352	3060
Dead Weight in Travel State	kg	43000	46000	48000	50000
Rated Power	kW/r/min	260/2200	268/1900	268/1900	276/1900

Item	Unit	QY85KA_Y	XCT90	XCT90_U	BR900
Max. Rated Total Lifting Load	t	85	90	90USt	90
Max. Load Moment of Base Boom	kN·m	2969	3528	3000	2969
Dead Weight in Travel State	kg	48000	48000	48500	45000
Rated Power	kW/r/min	276/(1900/2200)	290/1900	373/1800	242/2100

Item	Unit	XCT100	QY100KS	XCT100_M
Max. Rated Total Lifting Load	t	100	100	100
Max. Load Moment of Base Boom	kN·m	4704	3450	3528
Dead Weight in Travel State	kg	55000	56400	48000
Rated Power	kW/r/min	176/2300(316/1900)	(174/2300)/(333/1900)	290/1900

Item	Unit	XCT110	XCT130	XCT130_M
Max. Rated Total Lifting Load	t	110	130	130
Max. Load Moment of Base Boom	kN·m	4704	5116	4822
Dead Weight in Travel State	kg	55000	55000	54990
Rated Power	kW/r/min	176/2300(316/1900)	176/2300(316/1900)	(176/2300)/(316/1900)



PRODUCT INTRODUCTION

XCMG has all-terrain crane series with the world' s highest lifting capacities from 60t to 1200t, and accounts for 80% of nearly 100 cranes of over 500-ton across the globe.

MAIN SPECIFICATIONS

Item	Unit	XCA60	XCA60_E	XCA100
Max. Rated Total Lifting Load	t	60	60	100
Max. Load Moment of Base Boom	kN·m	1858	1858	2689
Dead Weight in Travel State	kg	36000	36000	47400
Rated Power	kW/r/min	260(276)/1900	280/1700	(145/2200)/(316/1900)

Item	Unit	XCA100_E	XCA100_S
Max. Rated Total Lifting Load	t	100	100
Max. Load Moment of Base Boom	kN·m	3000	2689
Dead Weight in Travel State	kg	48000	48000
Rated Power	kW/r/min	(129/2200)/(340/1700)	(145/2200)/(324/1900)

Item	Unit	XCA110_U	XCA130_E
Max. Rated Total Lifting Load	t	110US t	130
Max. Load Moment of Base Boom	kN·m	2220642 lbf·ft	4312
Dead Weight in Travel State	kg	47400	60000
Rated Power	kW/r/min	(129/2200)/(340/1700)	356/1900

Item	Unit	XCA220_S	XCA220	XCA300
Max. Rated Total Lifting Load	t	220	220	300
Max. Load Moment of Base Boom	kN·m	7393	7393	9270
Dead Weight in Travel State	kg	59000	55000	72000
Rated Power	kW/r/min	361.1/1800	361.1/1800	(205/2200)/(442.6/1800)



Item	Unit	XCA350	XCA450	XCA550
Max. Rated Total Lifting Load	t	350	450	550
Max. Load Moment of Base Boom	kN·m	10500	13500	16500
Dead Weight in Travel State	kg	72000	84000	84000
Rated Power	kW/r/min	(205/2200)/(442.6/1800)	442.6/1800	480/1800

Item	Unit	QAY650A	XCA1200
Max. Rated Total Lifting Load	t	650	1200
Max. Load Moment of Base Boom	kN·m	19500	35280
Dead Weight in Travel State	kg	94400	88000
Rated Power	kW/r/min	(205/2200)/(480/1800)	(260/1800)/(482.2/1800)

## PRODUCT INTRODUCTION

XCMG mobile dockside machinery products mainly include reach stackers, empty container handlers, counterbalanced forklift trucks, etc., which can satisfy needs from handling heavy or empty containers on ports and storage yards, and various intermodal transportations by rail, sea and road.



## MAIN SPECIFICATIONS

Item	Unit	XCH80	XCS45/XCS45U
Max. Rated Lifting Capacity	t	8	45
Max. Traveling Speed (Full-loaded)	Km/h	27.4	323
Dead Weight in Travel State	kg	35405	70995
Rated Power	kW/r/min	163/2300	250/2100



PRODUCT INTRODUCTION

XCMG' s rough-terrain cranes, with their lifting capacities from 25t to 150t, have obtained certifications from European Union (ce), Russia (cu) and North America (osha), and have been sold to more than 20 countries and regions in North America, Europe, Middle east, South America, etc.

MAIN SPECIFICATIONS

Item	Unit	RT25	RT35	RT40E	RT50A
Max. Rated Total Lifting Load	t	25	35	40	50
Max. Load Moment of Base Boom	kN·m	989.8	1445.5	1445.5	2058
Dead Weight in Travel State	kg	26300	30300	30300	36365
Rated Power	kW/r/min	142/2200	142/2200	142/2200	142/2200

Item	Unit	RT50	RT55E/RT55U	RT60A	RT60
Max. Rated Total Lifting Load	t	50	55	60	60
Max. Load Moment of Base Boom	kN·m	1690	1690	2058	2033
Dead Weight in Travel State	kg	38565	38565	40810	49000
Rated Power	kW/r/min	149/2100	149/2100	194/2200	194/2200

Item	Unit	RT70E/RT70U	RT80	RT90E/RT90U	RT100
Max. Rated Total Lifting Load	t	70	80	90	100
Max. Load Moment of Base Boom	kN·m	2033	3140	3140	3500
Dead Weight in Travel State	kg	49000	58000	58000	79500
Rated Power	kW/r/min	194/2200	209/2100	209/2100	224/2100

Item	Unit	RT120E	RT120U	RT150	RT200E
Max. Rated Total Lifting Load	t	120	120	150	200
Max. Load Moment of Base Boom	kN·m	3500	3500	5145	5145
Dead Weight in Travel State	kg	79500	79500	90500	90500
Rated Power	kW/r/min	224/2100	224/2100	224/2100	224/2100

## PRODUCT BRIEF INTRODUCTION

- High lifting performance
- Capacity, wider operation range and higher lifting height.
- Optimized design of transport and assembly/disassembly
- More optimized structural design



## MAIN SPECIFICATIONS

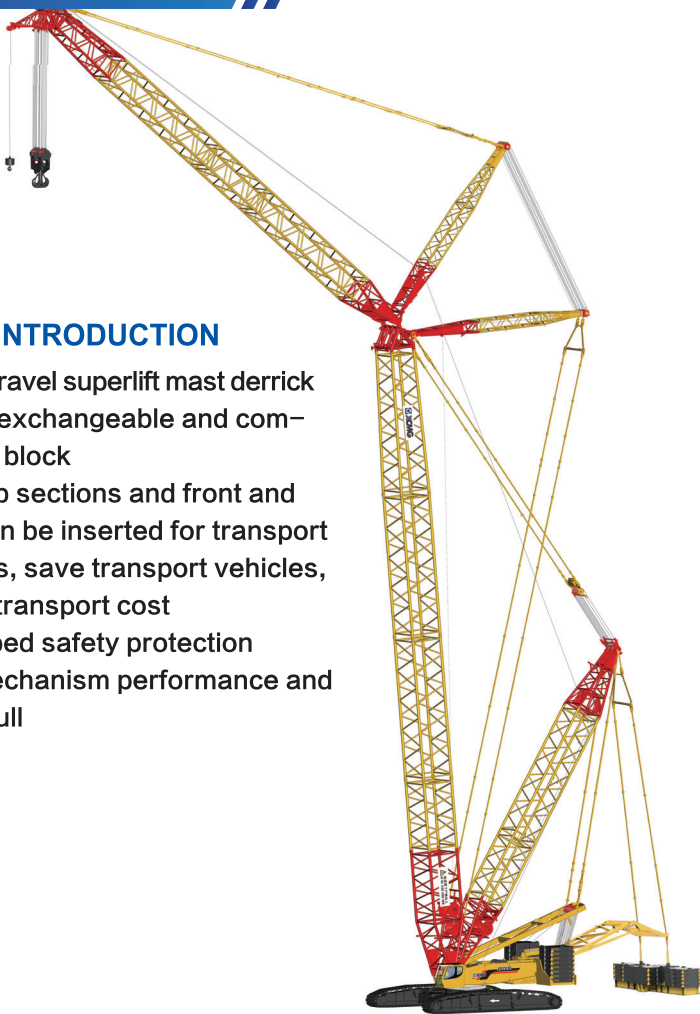
Item	Unit	XGC55	XGC75	XGC85	XGC100
Max. Rated Lifting Capacity	t	55	75	85	100
Max. Load Moment	t·m	203.5	286	341	575.4
Total Vehicle Mass	t	46.3	61	71.5	104.5
Rated Power	kW	155/153	155/153	200/183	200/183
Max. Shipping Mass	t	28.6	37	41.2	31.9
Max. Shipping Dimension (L×w×h)	m	12.04×3.45×3.36	12.7×3.46×3.4	13.05×3.4×3.3	10.5×3.0×3.35

Item	Unit	XGC130-I	XGC150	XGC150-I	XGC180
Max. Rated Lifting Capacity	t	130	150	150	180
Max. Load Moment	t·m	702	927.4	790.8	1043.8
Total Vehicle Mass	t	121.1	154	130	175
Rated Power	kW	200/183	206	200	250/242
Max. Shipping Mass	t	32.3	36.2	36.2	30
Max. Shipping Dimension (L×w×h)	m	10.6×3×3.25	11.0×3.0×3.3	11.0×3.0×3.3	9.58×3.0×3.3

Item	Unit	XGC200	XGC260	XGC300
Max. Rated Lifting Capacity	t	200	260	300
Max. Load Moment	t·m	1043.8	1450	1837
Total Vehicle Mass	t	176	239	276
Rated Power	kW	243	247/242	338/298
Max. Shipping Mass	t	30	43.2	45
Max. Shipping Dimension (L×w×h)	m	9.58×3.0×3.3	11.0×3.0×3.25	13.5×3.0×3.3

## PRODUCT INTRODUCTION

- Roller drive travel superlift mast derrick
- Boom head exchangeable and combined pulley block
- Boom and jib sections and front and rear strut can be inserted for transport in two pieces, save transport vehicles, and reduce transport cost
- Well-equipped safety protection
- Powerful mechanism performance and single line pull



## MAIN SPECIFICATIONS

Item	Unit	XGC400	XGC500	XGC650
Max. Rated Lifting Capacity	t	400	500	650
Boom Length	t·m	24-96	24-96	24-96
Total Vehicle Mass(Basic working condition)	t	345	375	496
Rated Power	kW	298	360	420
Max. Shipping Mass	t	48	55	65
Max. Shipping Dimension (L×w×h)	m	11.3×3.0×3.3	11.5×3.4×3.4	12.43×3.46×3.45

Item	Unit	XGC800	XGC16000
Max. Rated Lifting Capacity	t	800	1250
Boom Length	t·m	24-138	30-120
Total Vehicle Mass	t	635	850
Rated Power	kW	480	641
Max. Shipping Mass	t	53.68	59
Max. Shipping Dimension (L×w×h)	m	11.8×3.44×2.7	15.5×3.4×3.12

Item	Unit	XGC28000	XGC88000
Max. Rated Lifting Capacity	t	2000	3600
Boom Length	m	54-108	120
Rated Power	kW	2×480	3×641
Max. Shipping Mass	t	69	65





PRODUCT INTRODUCTION

- Being developed based on deep technological accumulation
- Modularized transport and convenient assembly/disassembly
- Intelligent operation control, safety and high efficiency

MAIN SPECIFICATIONS

Item	Unit	XGC25T	XGC55T
Max. Rated Lifting Capacity	t	25	55
Max. Load Moment	kN·m	970	2116.8
Boom Length	m	33	41
Total Mass in Travel State	kg	34960	62600
Max. Grade-ability	%	45	45
Max. Shipping Dimension (L×w×h)	m	12805×4200×3000	12736×4800×3347

Item	Unit	XGC75T	XGC120T
Max. Rated Lifting Capacity	t	75	120
Max. Load Moment	kN·m	/	4165
Boom Length	m	47	56
Total Mass in Travel State	kg	80540	117106
Max. Grade-ability	%	40	50
Max. Shipping Dimension (L×w)	m	14448×5060	14776×6300



PRODUCT INTRODUCTION

- Excellent performance with safety and reliability
- Leading and high-end quality
- Deep accumulation for honor launch
- Wide application range
- Leading operation efficiency

MAIN SPECIFICATIONS

Item	Unit	XGC100HD
Max. Rated Lifting Capacity	t	100
Boom Length	m	64/31
Max. Travel Speed	Km/h	1.5
Max Swing Speed	r/min	2.6
Max. Grade Ability	%	30
Rated Power	kW /(r/min)	298/1800



MAIN SPECIFICATIONS

Item	Unit	XGA5610-6S	XGA6012-6S
Jib Length/tip Load	mm/kg	56000/1000	60000/1200
Rated Load Moment	kN·m	800	1000
Max.lifting Capacity	kg	6000	6000

Item	Unit	XGA6013-8S	XGT125IV(6513-8)
Jib Length/tip Load	mm/kg	6000/1300	65000/1300
Rated Load Moment	kN·m	1000	1250
Max.lifting Capacity	kg	8000	8000



MAIN SPECIFICATIONS

Item	Unit	XL4015L-6	XGTL120(5016-8)	XGTL160A(5020-10)
Jib Length/tip Load	mm/kg	40000/1500	50000/1600	50000/2000
Rated Load Moment	kN·m	630	1000	1250
Max.lifting Capacity	kg	6000	8000	10000

Item	Unit	XGTL180(5522-12)	XL6025-16	XL6025-20
Jib Length/tip Load	mm/kg	55000/2200	60000/2500	60000/2500
Rated Load Moment	kN·m	1600	2500	2500
Max.lifting Capacity	kg	12000	16000	20000

Item	Unit	XGTL500(6048-25)	XGTL750	XGTL750II
Jib Length/tip Load	mm/kg	60000/4800	60000/6000	60000/6000
Rated Load Moment	kN·m	4000	5000	5000
Max.lifting Capacity	kg	25000	50000	50000

Item	Unit	XGTL1600	XGTL1600II
Jib Length/tip Load	mm/kg	76000/6000	76000/6000
Rated Load Moment	kN·m	16000	16000
Max.lifting Capacity	kg	100000	100000



MAIN SPECIFICATIONS

Item	Unit	XGTT100CII(6013-8)	XGT6515L-10
Jib Length/tip Load	mm/kg	60000/1300	65000/1500
Rated Load Moment	kN·m	1000	1600
Max.lifting Capacity	kg	8000	10000

MAIN SPECIFICATIONS

Item	Unit	XGT6515-10	XGT7020-10	XGT7020-12
Jib Length/Tip Load	mm/kg	65000/1500	70000/2000	70000/2000
Rated Load Moment	kN·m	1600	2500	2500
Max.lifting Capacity	kg	10000	10000	12000

Item	Unit	XGT7527-18S	XCP330HG(7525-16)	XGT7530-20
Jib Length/Tip Load	mm/kg	75000/2700	75000/2500	75000/3000
Rated Load Moment	kN·m	3150	2800	3150
Max.lifting Capacity	kg	18000	16000	20000

Item	Unit	XGT7532-20S	XGT8022-20S	XGT8040-25
Jib Length/Tip Load	mm/kg	75000/3200	80000/2200	80000/4000
Rated Load Moment	kN·m	3150	3150	5250
Max.lifting Capacity	kg	20000	20000	25000

Item	Unit	XT8075-40	XT1200(80105-63)	XGT8072-50
Jib Length/Tip Load	mm/kg	80000/7500	80000/10500	8000/7200
Rated Load Moment	kN·m	9000	11550	9000
Max.lifting Capacity	kg	40000	63000	50000

# KNUCKLE BOOM LORRY CRANES



## PRODUCT INTRODUCTION

1. Advanced research and development methods make sure that the design is very reliable.
2. Higher lifting capacity with four connected bar mechanism.
3. Flange and pin telescopic boom coupling technology.
4. Self-designed & developed slewing machine with greater drive force can meet varied requirements of working situation.
5. Symmetrical design of polygonal boom makes it have bigger anti-bending capacities.
6. Float three-point bridge structure design can lower the accessional stress on the chassis when traveling.

## MAIN SPECIFICATIONS

Item	Unit	SQ1ZK2	SQ2ZK1	SQ3.2ZK1
Max. Lifting Moment	t·m	2	3.2	6.72
Max. Lifting Capacity	kg	1500	2000	3200
Max. Hydraulic Outreach	m	3.2	4.78	5.65
Slewing Angle	°	320	370	370
Slewing Torque	t·m	0.4	0.5	1.2
Stabilizer Spread	mm	2530	2800	3462
Fitting Space Required	mm	550	680	850
Width Folded	mm	1800	1900	2408
Max. Operating Pressure	Mpa	18	20	22
Recommended Pump Capa	L/min	15	20	25
Dead Weight	kg	540	608	1130

Item	Unit	SQ3.2ZK2	SQ4ZK2	SQ5ZK2
Max. Lifting Moment	t·m	6.72	8.4	10.5
Max. Lifting Capacity	kg	3200	4000	5000
Max. Hydraulic Outreach	m	7.3	7.3	8.01
Slewing Angle	°	370	370	370
Slewing Torque	t·m	1.2	1.4	1.58
Stabilizer Spread	mm	3462	3462	5210
Fitting Space Required	mm	850	850	1100
Width Folded	mm	2408	2408	2500
Max. Operating Pressure	Mpa	22	26	28
Recommended Pump Capa	L/min	25	25	25
Dead Weight	kg	1215	1290	2035

MAIN SPECIFICATIONS

Item	Unit	SQ5ZK2Q	SQ5ZK3Q
Max. Lifting Moment	t·m	10.5	10.5
Max. Lifting Capacity	kg	5000	5000
Max. Hydraulic Outreach	m	8.01	9.92
Slewing Angle	°	360° all rotation	360° all rotation
Slewing Torque	t·m	0.82	0.82
Stabilizer Spread	mm	5210	5210
Fitting Space Required	mm	1050	1050
Width Folded	mm	2500	2500
Max. Operating Pressure	Mpa	28	28
Recommended Pump Capa	L/min	25	25
Dead Weight	kg	1985	2100

Item	Unit	SQ6.3ZK2Q	SQ6.3ZK3Q	SQ8ZK3Q
Max. Lifting Moment	t·m	13.2	13.2	16
Max. Lifting Capacity	kg	6300	6300	8000
Max. Hydraulic Outreach	m	8.01	9.92	9.755
Slewing Angle	°	360° all rotation	360° all rotation	360° all rotation
Slewing Torque	t·m	0.96	0.96	3.56
Stabilizer Spread	mm	5210	5210	5210
Fitting Space Required	mm	1050	1050	1150
Width Folded	mm	2500	2500	2530
Max. Operating Pressure	Mpa	28	28	28
Recommended Pump Capa	L/min	25	25	40
Dead Weight	kg	2100	2250	3140

MAIN SPECIFICATIONS

Item	Unit	SQ10ZK3Q	SQ12ZK3Q	SQ14ZK4Q	SQ16ZK4Q
Max. Lifting Moment	t·m	20	30	35	40
Max. Lifting Capacity	kg	10000	12000	14000	16000
Max. Hydraulic Outreach	m	9.755	9.78	11.40	11.81
Slewing Angle	°	360° all rotation	360° all rotation	360° all rotation	360° all rotation
Slewing Torque	t·m	3.56	3.04	2.97	3.45
Stabilizer Spread	mm	5260	5272	5390	5610
Fitting Space Required	mm	1150	1400	1400	1500
Width Folded	mm	2530	2530	2530	2530
Max. Operating Pressure	Mpa	30	30	31.5	31.5
Recommended Pump Capa	L/min	40	63	63	63
Dead Weight	kg	3560	4250	5100	5250

Item	Unit	SQZ420A	SQ600A	SQZ700A	SQZ800K
Max. Lifting Moment	t·m	35	52.8	62.5	70.4
Max. Lifting Capacity	kg	14000	25000	33000	34000
Max. Hydraulic Outreach	m	16.85	16.4	20.7	16
Slewing Angle	°	360° all rotation	360° all rotation	360° all rotation	360° all rotation
Slewing Torque	t·m	3.61	5.63	6.8	6.34
Stabilizer Spread	mm	7400	8000	8200	8372
Fitting Space Required	mm	1500	2022	2287	2040
Width Folded	mm	2500	2530	2550	2550
Max. Operating Pressure	Mpa	33	32	33	33
Recommended Pump Capa	L/min	68-80	80	80	80
Dead Weight	kg	5800	7100	8800	9100



# TELESCOPIC BOOM LORRY CRANES



## PRODUCT INTRODUCTION

- 1. Single cylinder or more cylinders with steel wire rope telescopic technology make work more efficiency than before.
- 2. Advanced research and development methods make sure that the design is very reliable.
- 3. Symmetrical design of Polygonal boom make it has bigger anti-bending capacity
- 4. Compact hinge point design takes up a smaller space.
- 5. Overwind alarm devices provide more safety guarantees.
- 6. The integer lifting winch improved the work efficiency greatly and prolonged work life of hydraulic system.
- 7. Float three-point bridge structure design can lower the accessional stress on the chassis when traveling.
- 8. Self-designed & developed slewing machine with greater drive force can meet varied requirements of working situation.
- 9. Anti-slewing impulse equipment makes vehicle running more safely.

## MAIN SPECIFICATIONS

Item	Unit	SQ2SK1Q	SQ2SK2Q	SQ3.2SK1Q	SQ3.2SK2Q
Max. Lifting Capacity	kg	2000	2000	3200	3200
Max. Lifting Moment	t·m	4.2	4.2	6.72	6.72
Recommended Power	kW	10	10	15	15
Oil Tank Capacity	L	25	25	30	30
Crane Weight	kg	875	950	1105	1229
Installation Space	mm	800	800	850	850
Rotation Angle	°	360°all Rotation			

Item	Unit	SQ4SK2Q	SQ4SK3Q	SQ5SK2Q	SQ5SK3Q
Max. Lifting Capacity	kg	4000	4000	5000	5000
Max. Lifting Moment	t·m	10	10	12.5	12.5
Recommended Power	kW	17	17	18	18
Oil Tank Capacity	L	30	60	90	90
Crane Weight	kg	1271	1396	2120	2260
Installation Space	mm	850	850	900	900
Rotation Angle	°	360°all Rotation			

Item	Unit	SQ6.3SK2Q	SQ6.3SK3Q	SQS157B	SQ8SK3Q
Max. Lifting Capacity	kg	6300	6300	6300	8000
Max. Lifting Moment	t·m	15.7	15.7	15.7	20
Recommended Power	kW	20	20	20	27
Oil Tank Capacity	L	90	90	90	200
Crane Weight	kg	2200	2350	3035	3625
Installation Space	mm	900	900	900	1200
Rotation Angle	°	360°all Rotation			



## MAIN SPECIFICATIONS

Item	Unit	SQ8SK3Q-II	SQS10SK3Q	SQ10SK3Q-II	SQ12SK3Q
Max. Lifting Moment	kg	8000	10000	10000	12000
Max. Lifting Capacity	t·m	20	25	25	30
Recommended Power	kW	42	30	45	30
Oil Tank Capacity	L	200	200	200	270
Crane Weight	kg	3862	4065	4087	4316
Installation Space	mm	1200	1200	1200	1300
Rotation Angle	°	360°all Rotation			

Item	Unit	SQ12SK3Q-II	SQ14SK4Q	SQ16SK4Q	SQS500K
Max. Lifting Moment	kg	12000	14000	16000	20000
Max. Lifting Capacity	t·m	30	35	43.2	50
Recommended Power	kW	45	30	41	56
Oil Tank Capacity	L	270	270	270	270
Crane Weight	kg	4460	5150	6670	7100
Installation Space	mm	1300	1300	1400	1400
Rotation Angle	°	360°all Rotation			

Item	Unit	SQS200 II SQS200 IV	SQS200 I SQS200 III	SQS250 II SQS250 IV	SQS250 I SQS250 III
Max. Lifting Moment	kg	8000	8000	10000	10000
Max. Lifting Capacity	t·m	20	20	25	25
Recommended Power	kW	45	45	45	45
Oil Tank Capacity	L	200	200	200	200
Crane Weight	kg	3370/3420	3770/3820	3570/3620	3970/4020
Installation Space	mm	1300	1300	1300	1300
Rotation Angle	°	360°all Rotation			

## MAIN SPECIFICATIONS

Item	Unit	SQS300 III SQS300 IV	SQS300 I SQS300 II	SQS300 V	SQS350B
Max. Lifting Moment	kg	12000	12000	12000	14000
Max. Lifting Capacity	t·m	30	30	30	35
Recommended Power	kW	55	55	55	55
Oil Tank Capacity	L	270	270	270	270
Crane Weight	kg	4220/4140	4330/4250	4450	5343/5573/5753
Installation Space	mm	1300	1300	1300	1300
Rotation Angle	°	360°all Rotation			

Item	Unit	SQS400A	SQS450A	SQS500A	SQS500AIII
Max. Lifting Moment	g	16000	18000	20000	20000
Max. Lifting Capacity	t·m	40	45	50	50
Recommended Power	kW	60	60	60	60
Oil Tank Capacity	L	270	270	270	270
Crane Weight	kg	6700	6970	7446	7750
Installation Space	mm	1300	1300	1300	1300
Rotation Angle	°	360°all Rotation			



# EARTHMOVING MACHINERY

- Wheel Loader
- Telescopic Handler
- Backhoe Loader
- Skid Steer Loader
- Excavator

## SMALL-SIZED LOADERS



### MAIN SPECIFICATIONS

Item	Unit	LW130FV	LW150FV	LW160FV
Bucket Load	m <sup>3</sup>	0.7	0.7	0.75
Rated Load	kg	1100	1200	1300
Rated Power	kW	40	45	55
Operating Weight	kg	4350	4450	5000
Max. Breakout	kN	28	28	44
Overall Dimension(Lxwxh)	mm	5890×1877×2815	5890×1877×2815	5810×2060×2815

Item	Unit	LW180FV	LW180KV	LW200KV
Bucket Load	m <sup>3</sup>	0.75	1	1.1
Rated Load	kg	1400	1800	2000
Rated Power	kW	60	58.8	66.2
Operating Weight	kg	5100	6200	6300
Max. Breakout	kN	44	55	58
Overall Dimension(Lxwxh)	mm	5810×2060×2880	6030×2060×2950	6045×2060×2950

## MEDIUM-SIZED LOADERS



### PRODUCT INTRODUCTION

Adapting to customers' needs and developed through our global R&D platform, the new generation V-series loaders have marked improvements on their preceding variants in various key metrics: reliability, cost-efficiency, comfort, easiness of maintenance, maneuverability and adaptability, and have already become preferred products for customers in various fields, such as ports, mines, project construction, and logistics.

### MAIN SPECIFICATIONS

Item	Unit	LW300FN	LW500FN	ZL50GN	LW600KN
Bucket Load	m <sup>3</sup>	1.8	3	3	3.5
Rated Load	kg	3000	5000	5000	6000
Rated Power	kW	92	162	162	178
Operating Weight	kg	10600	16900	17300	20100
Max. Breakout	kN	130	170	175	205
Overall Dimension(Lxwxh)	mm	7050×2482×3118	7910×3016×3515	8225×3016×3515	8505×3220×3515

## HIGH-TONNAGE LOADERS



### PRODUCT INTRODUCTION

With the application of globalized supply chain and scientifically matched and in-depth optimized drive system, the new generation V-series large-tonnage loaders have higher maneuverability and efficiency, and are an essential tool for production organizations in ports, logistics, and large mines.

### MAIN SPECIFICATIONS

Item	Unit	LW800KN	LW900KN	LW1100KV	LW1200KN
Bucket Load	m³	4.5	5	5.5	6.5
Rated Load	kg	8000	9000	11000	12000
Rated Power	kW	250	250	291	418
Operating Weight	kg	28500	31000	35000	50000
Max. Breakout	kN	260	260	290	394
Overall Dimension(Lxwxh)	mm	9300×3500×3770	9500×3500×3845	10139×3640×3950	12337×3875×4319

## GAS-POWERED LOADER



### PRODUCT INTRODUCTION

XCMG has developed a full series of LNG-powered loaders, ushering in a new era for green energy revolutions in construction machinery industry.

### MAIN SPECIFICATIONS

Item	Unit	LW500KV-LNG	LW600KV-LNG	LW700KN-LNG	LW800K-LNG
Bucket Load	m³	3	3.5	3.5	4
Rated Load	kg	5000	6000	7000	8000
Rated Power	kW	162	191	240	265
Operating Weight	kg	17200	19700	24000	30400
Max. Breakout	kN	175	205	210	260
Overall Dimension(Lxwxh)	mm	8322×3016×3515	8505×3220×3515	8730×3200×3850	9250×3500×4020



## SIDE DUMPING LOADER



### PRODUCT INTRODUCTION

XCMG side-dumping loaders can dump on both sides to cooperate with supporting vehicles, enhancing operational efficiency in narrow working spaces, for example, within a tunnel.

### MAIN SPECIFICATIONS

Item	Unit	LW400KV	LW500KV
Bucket Load	m <sup>3</sup>	2	2.5
Rated Load	kg	3500	4500
Rated Power	kW	128	162
Operating Weight	kg	16100	19500
Max. Breakout	kN	120	150
Overall Dimension(Lxwxh)	mm	7935×2750×3462	8530×3028×3515

## UNDERGROUND LOADER



## STONE FORKLIFT LOADER



## MEDIUM BULLDOZER



### PRODUCT INTRODUCTION

XCMG is a machinery manufacturer capable of developing series medium- and high-tonnage wheel bulldozers in the industry. Matching with other equipment, XCMG's bulldozers are extensively applied for the bulldozing and digging operations in the working sites of large mines and open-pit coal mines.

### MAIN SPECIFICATIONS

Item	Unit	DL210KV	DL350	DL560
Shovel Capacity	m <sup>3</sup>	/	6.88	7.9
Rated Power	kW	162	250	418
Operating Weight	kg	16800	29000	50000
Max.Traction	kN	136	270	410
Overall Dimension(Lxwxh)	mm	7430×3354×3515	7950×4390×3805	9799×5074×4313

## TELESCOPIC HANDLERS



### PRODUCT INTRODUCTION

XCMG K series telescopic handler is a domestic latest generation multi-purpose hoisting machine, featuring high operation simplicity and high safety and efficiency. Depending on specific applications, the Industrial and Agricultural models are available at choice.

### MAIN SPECIFICATIONS

Item	Unit	XC6-3006K	XC6-3007K	XC6-3514K	XC6-4517K
Max. Lift Capacity	kg	3000	3000	3500	4500
Lifting Height	mm	6200	6950	13700	16700
Rated Load	kW	90	90	74.9	82/74.9
Operating Weight	kg	6990	7450	10500	13500
Max. Traction(Without Load)	kN	≥55	≥55	≥60	≥73
Overall Dimension(Lxwxh)	mm	4620×2355×2415	4820×2355×2460	6360×2500×2700	6960×2500×2850
Fork Length	mm	1000	1000	1200	1200



## BACKHOE LOADER



### PRODUCT INTRODUCTION

With the upgrade in engine emission and the further optimization in structural parts and working device, k series backhoe loader newly launched by XCMG is extensively applied for the operations in the fields of municipal administration, transportation, agriculture and forestry, and water conservation.

### MAIN SPECIFICATIONS

Item	Unit	WZ30-25	XC870K	XC870HK
Bucket Load	m <sup>3</sup>	1	1	1
Frame type		ARTICULATED	INTEGRAL	INTEGRAL
Rated Load	kg	2500	2500	2500
Rated Power	kW	73.5	70/74/74.9/82	70/74/74.9/82
Operating Weight	kg	9500	7600	8200
Overall Dimension(Lxwxh)	mm	8000×2310×3424	7440×2350×3450	6075×2350×3520

## SKID-STEER LOADER



### PRODUCT INTRODUCTION

K series skid-steer product newly launched by XCMG is equipped with high flow pump and international standard quick change device and can be fitted with tens of diversified attachments to meet the multi-functional operation needs.

### MAIN SPECIFICATIONS

Item	Unit	XC740K	XC760K
Bucket Load	m <sup>3</sup>	0.45	0.6
Rated Load	kg	750	1080
Rated Power	kW	36.8	61.3
Operating Weight	kg	3000	3450
Overall Dimension(Lxwxh)	mm	3370×1800×1970	3610×2000×1960

## SMALL-TONNAGE HYDRAULIC EXCAVATOR



### PRODUCT INTRODUCTION

Tailless design cooperates with boom deflection function, which can adapt to the narrow space operation flexibly. ab has flip function , which makes maintenance more convenient. ab and base plate are integrated, which has strong noise isolation and high comfort.

### MAIN SPECIFICATIONS

Item	Unit	XE15E	XE35U/XE35E	XE55U/XE55E	XE55DA
Operation Weight	kg	1795	4200	5700	5700
Bucket Capacity	m³	0.04	0.12	0.16	0.21
Rated Power	kW/rpm	9.8/2300	18.2/2200	31.2/2200	35/2200
Bucket Digging Force	kN	16	28.6	44.5	48.3
Max. Digging Depth	mm	2290	3060	3640	3830

## SMALL-TONNAGE HYDRAULIC EXCAVATOR



### PRODUCT INTRODUCTION

More advanced power matching and hydraulic energy-saving control technology achieve high efficiency and low oil consumption. Widened chassis and pilot buffering makes manipulation more stable and comfortable.Chassis, rotation platform and working device have undergone test of market, and they are further optimized to improve the reliability.

### MAIN SPECIFICATIONS

Item	Unit	XE60DA	XE75DA	XE75U	XE80D	XE85D
Operation Weight	kg	6010	7460	7460	7730	8240
Bucket Capacity	m³	0.23	0.3	0.18-0.3	0.33	0.35
Rated Net Power	kW/rpm	36.2/2100	42.4/2000	45/2200	46.3/2200	56.5/2200
Bucket Digging Force	kN	48.3	57	57	57	57
Max. Digging Depth	mm	3830	4020	4015	4070	4040



## MEDIUM-TONNAGE HYDRAULIC EXCAVATOR



### PRODUCT INTRODUCTION

More advanced power matching and hydraulic energy-saving control technology achieve high efficiency and low oil consumption.

Widened chassis and pilot buffering makes manipulation more stable and comfortable.

Chassis, rotation platform and working device have undergone test of market, and they are further optimized to improve the reliability.

Positions of maintenance parts have been moved outward, the maintenance period is longer and maintenance is much easier.

Various kinds of optional accessories and control function like high-altitude self-adaptation makes the environment adaptation better.

### MAIN SPECIFICATIONS

Item	Unit	XE135B	XE135D	XE150U/XE150E	XE155D	XE155DK
Operating Weight	kg	13000	13200	14800	14600	14600
Bucket Capacity	m³	0.4-0.52	0.32-0.61	0.32-0.72	0.32-0.71	0.32-0.71
Rated Power	kW/rpm	72.7/2200	86/2200	90/2200	93/2200	93/2200
Bucket Digging Force	kN	85	99.1	106.9	106.9	106.9
Max. Digging Depth	mm	5538	5546	5520	5535	5535

Item	Unit	XE200DA	XE210UA/XE210E	XE215C	XE215CLL	XE215D
Operation Weight	kg	21200	21000-23000	21700	22350	21900
Bucket Capacity	m³	0.93	0.8-1.2	1	0.4	0.8-1.3
Rated Net Power	kW/rpm	135/2050	129/2100	128.5/2100	128.5/2100	135/2050
Bucket Digging Force	kN	149	149	149	78.7	149
Max. Digging Depth	mm	6460	6680	6680	11610	6680

Item	Unit	XE215DA	XE215DLL	XE225DK	XE235C	XE245DK
Operation Weight	kg	21500	23900	21900	23500	25500
Bucket Capacity	m³	1.05	0.4	1.0-1.2	1.0-1.1	0.9-1.4
Rated Net Power	kW/rpm	135/2050	135/2050	140/2000	128.5/2100	150/2050
Bucket Digging Force	kN	149	103	149	176	185
Max. Digging Depth	mm	6680	11610	6680	6960	6972

Item	Unit	XE250U/XE250E	XE260CLL	XE265C	XE270DK	XE270DLL
Operation Weight	kg	25700	27500	25500	26400	28300
Bucket Capacity	m³	0.9-1.3	0.4	1.05-1.25	1.1-1.4	0.4
Rated Net Power	kW/rpm	142/2000	128.5/2100	135.2/2150	150/2050	150/2050
Bucket Digging Force	kN	176	76.3	179	185	91
Max. Digging Depth	mm	6960	14915	6895	6925	15040

# LARGE-TONNAGE HYDRAULIC EXCAVATOR



## PRODUCT INTRODUCTION

Through further fine match of engine and pump, the fuel economy of machine has been improved. Electric control stepless altivar has features of accurate control, energy-saving and noise reduction. Key parts of boom and arm all adopt one-piece type casting structure, they are stressed uniformly and have longer service life. The specification of slewing bearing has been increased, the bearing capability and durability are all greatly improved.

## MAIN SPECIFICATIONS

Item	Unit	XE300U/XE300E	XE305D	XE335C
Operation Weight	kg	32700	30800	33800
Bucket Capacity	m³	1.4-1.6	1.4-1.6	1.4-1.6
Rated Net Power	kW/rpm	180/1900	169/2050	190.5/2000
Bucket Digging Force	kN	201	198	263
Max. Digging Depth	mm	7200	7200	6972

Item	Unit	XE360UA	XE370CA	XE370DK
Operation Weight	kg	36800	36600	36900
Bucket Capacity	m³	1.4-1.8	1.4-1.8	1.6-1.9
Rated Net Power	kW/rpm	213/2000	190.5/2000	212/2000
Bucket Digging Force	kN	263	263	256
Max. Digging Depth	mm	7423	6927	6934

Item	Unit	XE400DK	XE470D	XE490DK
Operation Weight	kg	39400	46900	48100
Bucket Capacity	m³	2.0	2.2-2.5	2.3-3.1
Rated Net Power	kW/rpm	222/2100	250/2000	280/2000
Bucket Digging Force	kN	310	287	301
Max. Digging Depth	mm	6660	7000	7000

# WHEELED EXCAVATOR



## PRODUCT INTRODUCTION

New generation stage iii engine has strong power, rapid response, low noise, low oil consumption and strong adaptation. Heavy-load working device and large cylinder have super strong digging force. Two-section boom technology has enlarged operating range and improved the whole machine's adaptation. For maintenance and repair, check and replacement can be done on ground, the parts are within reach, and the maintenance is convenient.

## MAIN SPECIFICATIONS

Item	Unit	XE60WA	XE150WB	XE160W
Operation Weight	kg	5900	14000	15500
Bucket Capacity	m³	0.23	0.58	0.58
Rated Net Power	kW/rpm	41.5/2400	104/2000	104/2000
Bucket Digging Force	kN	42.8	95	103.5
Max. Digging Depth	mm	3520	4630	5040

Item	Unit	XE210WA	XE210WB	XE210WLL
Operation Weight	kg	20200	20500	20600
Bucket Capacity	m³	0.86	0.86	0.5
Rated Net Power	kW/rpm	133/2000	135/2050	133/2000
Bucket Digging Force	kN	115	144	80
Max. Digging Depth	mm	6460	6460	8690



# ROAD CONSTRUCTION/ MAINTENANCE MACHINERY



- Road Roller
- Road Paver
- Asphalt-concrete Mixing Plant
- Motor Graders
- Stabilized Soil Mixing Plant
- Road Surface Milling Machine
- Cold Recycler of Asphalt Pavement
- Soil Stabilizer
- Asphalt Distributor
- Slurry Seal Paver



# MECHANICAL SINGLE DRUM VIBRATORY ROLLER



## PRODUCT INTRODUCTION

XCMG has 14 basic standard models of single drum vibratory rollers of 14-26 ton classes, forming a complete product line with the most perfect functions. XCMG roller has become the market leader, and is the preferred brand for many customers both at home and abroad.

## MAIN APPLICATION

XCMG single drum vibratory rollers are widely used in highways, airports, embankment fill, harbors, dams, railways, mines and other projects, providing satisfactory compaction depths and operation efficiencies.

## MAIN SPECIFICATIONS

Item	Unit	XS143J	XS163J	XS183J	XS203J
Operating Mass	kg	14000	16000	18000	20000
Static Linear Pressure	N/cm	315	376	422	470
Vibration Frequency	Hz	28/33	28/33	28/33	28/33
Nominal Amplitude (High/low)	mm	1.9/0.95	1.9/0.95	1.9/0.95	1.9/0.95
Engine Power	kW	103	118	118	128
Overall Dimensions (L×W×H)	mm	6150×2300×3200	6150×2300×3200	6220×2300×3200	6220×2390×3200

Item	Unit	XS223J	XS223JS	XS263J	XS263JS
Operating Mass	kg	22000	22000	26000	26000
Static Linear Pressure	N/cm	516	516	582	582
Vibration Frequency	Hz	28/33	28/33	27/32	27/32
Nominal Amplitude (High/low)	mm	1.86/0.93	1.86/0.93	1.9/0.95	1.9/0.95
Engine Power	kW	136	136	140	140
Overall Dimensions (L×W×H)	mm	6220×2390×3200	6220×2390×3200	6430×2470×3260	6430×2470×3260

Item	Unit	XS223JE
Operating Mass	kg	22000
Static Linear Pressure	N/cm	516
Vibration Frequency	Hz	28/33
Nominal Amplitude (High/low)	mm	1.86/0.93
Engine Power	kW	136
Overall Dimensions (L×W×H)	mm	6220×2390×3200

# FULL HYDRAULIC DOUBLE DRIVE SINGLE DRUM VIBRATORY ROLLER



## PRODUCT INTRODUCTION

XCMG hydraulic single drum vibratory rollers are self-propelled ones, and can effectively compact various types of soil and rock fill.

## MAIN SPECIFICATIONS

Item	Unit	CV83U	CV123U	XS113	XS113E
Operating Mass	kg	8000	12000	10800	10400
Static Linear Pressure	N/cm	239	308	277	254
Vibration Frequency	Hz	30/40	30/35	30/35	30/35
Nominal Amplitude (High/low)	mm	1.8/0.9	1.8/0.9	1.8/0.9	1.8/0.9
Engine Power	kW	74	97	93	93
Overall Dimensions (L×W×H)	mm	5310×1860×2840	5970×2300×3150	5940×2300×3150	5940×2300×3150

## MAIN SPECIFICATIONS

Item	Unit	XS123	XS143	XS163
Operating Mass	kg	12000	14000	16000
Static Linear Pressure	N/cm	308	368	449
Vibration Frequency	Hz	30/35	28/33	28/33
Nominal Amplitude (High/low)	mm	1.8/0.9	1.86/0.88	1.86/0.88
Engine Power	kW	93	125	125
Overall Dimensions (L×W×H)	mm	5970×2300×3150	6200×2300×3200	6200×2300×3200

Item	Unit	XS183	XS203	XS223	XS263
Operating Mass	kg	18000	20000	22000	26000
Static Linear Pressure	N/cm	529	621	704	784
Vibration Frequency	Hz	28/33	28/33	28/33	27/32
Nominal Amplitude (High/low)	mm	1.86/0.93	1.86/0.93	1.86/0.93	1.90/0.95
Engine Power	kW	140	140	140	162
Overall Dimensions (L×W×H)	mm	6523×2350×3200	6523×2350×3200	6523×2390×3200	6957×2430×3330

Item	Unit	XS183S	XS203S	XS223S	XS263S
Operating Mass	kg	18000	20000	22000	26000
Static Linear Pressure	N/cm	529	621	704	784
Vibration Frequency	Hz	28/33	28/33	28/33	27/32
Nominal Amplitude (High/low)	mm	1.86/0.93	1.86/0.93	1.86/0.93	1.9/0.95
Engine Power	kW	134	134	134	159
Overall Dimensions (L×W×H)	mm	6523×2350×3200	6523×2350×3200	6523×2390×3200	6957×2470×3330

Item	Unit	XS303S	XS335	XS365	XS395
Operating Mass	kg	30000	33500	36000	39000
Static Linear Pressure	N/cm	845	938	1000	1065
Vibration Frequency	Hz	27/33	26/31	26/31	26/31
Nominal Amplitude (High/low)	mm	2.0/1.0	2.2/1.1	2.3/1.2	2.3/1.2
Engine Power	kW	192	276	276	276
Overall Dimensions (L×W×H)	mm	6957×2520×3330	7592×2800×3478	7592×2900×3478	7592×3040×3478

## FULL HYDRAULIC SINGLE DRIVE SINGLE DRUM VIBRATORY ROLLER



### PRODUCT INTRODUCTION

With a very high static linear load and exciting force, this product is suitable for compaction operations for pebbles, sandy soils, moraine soils, blasting rocks, clayey soils, etc., as well as compaction operations for concrete and stabilized soil base materials in various large projects, and thus, is a kind of important compaction equipment in the construction of large projects, such as expressways, railways, mines, ports, etc.

### MAIN APPLICATION

XCMG hydraulic single drum vibratory rollers are widely used in highways, airports, embankment fill, harbors, dams, railways, mines and other projects, providing satisfactory compaction depths and operation efficiencies.

### MAIN SPECIFICATIONS

Item	Unit	XS103H	XS123H	XS143H	XS163H
Operating Weight	kg	10600	12000	14000	16000
Static Linear Load	kg/cm	216	258	315	362
Power/horse Power	kW	100	100	100	110
Frequency	Hz	30/35	30/35	28/33	28/33
Amplitude	mm	1.9/0.95	1.8/0.9	1.9/0.95	1.91/0.95
Overall Dimensions (L×W×H)	mm	6150×2300×3200	6150×2300×3200	6150×2300×3200	6150×2300×3200

Item	Unit	XS183H	XS203H
Operating Weight	kg	18000	20000
Static Linear Load	kg/cm	422	470
Power/horse Power	kW	28/33	28/33
Frequency	Hz	1.9/0.95	1.9/0.95
Amplitude	mm	140	140
Overall Dimensions (L×W×H)	mm	6220×2300×3200	6220×2300×3200

Item	Unit	XS223H	XS263H
Operating Weight	kg	22000	26000
Static Linear Load	kg/cm	516	582
Power/horse Power	kW	28/33	27/32
Frequency	Hz	1.86/0.93	1.9/0.95
Amplitude	mm	140	147
Overall Dimensions (L×W×H)	mm	6220×2430×3200	6430×2470×3260

# TANDEM VIBRATORY ROLLER



## PRODUCT INTRODUCTION

XCMG tandem roller has 8 to 14 tons of products. High-frequency vibration technology, “three-in-one combination” technology, speed frequency management system have greatly enhanced the international status of the Chinese brands. They are leading their domestic peers and on a par with their global rivals in the technology level.

## MAIN APPLICATION

They are preferred compaction equipment in the construction of highways, modern airports and large parking lots.

## MAIN SPECIFICATIONS

Item	Unit	XD83	XD103	XD123	XD123S
Operating Mass	kg	8500	10000	12300	12300
Static Line Load	N/cm	248/248	280/280	283/283	297/297
Operating Speed	km/h	0~12	0~12	0~6 / 0~12	0~6 / 0~8/ 0~12
Theoretical Gradeability	%	35	35	35	35
Vibration Frequency	Hz	58/48	58/48	55/45	67/50
Nominal Amplitude	mm	0.35/0.60	0.40/0.60	0.30/0.75	0.30/0.80
Rated Power	kW	74.9	74.9	98	111
Overall Dimensions	mm	4900×1960×3087	4890×2030×3087	5146×2336×3076	5146×2336×3096

Item	Unit	XD133	XD133S	XD143
Operating Mass	kg	13000	13200	14000
Static Line Load	N/cm	299/299	305/305	322/322
Operating Speed	km/h	0~6 / 0~12	0~6 / 0~8/ 0~12	0~6 / 0~12
Theoretical Gradeability	%	35	35	35
Vibration Frequency	Hz	55/45	67/50	55/45
Nominal Amplitude	mm	0.35/0.80	0.30/0.80	0.35/0.85
Rated Power	kW	98	111	98
Overall Dimensions	mm	5146×2336×3076	5146×2336×3096	5146×2336×3076

Item	Unit	XD143S	XD133VO
Operating Mass	kg	14000	13200
Static Line Load	N/cm	330/330	294/313
Operating Speed	km/h	0~6/0~8/0~12	0~6/0~8/0~12
Theoretical Gradeability	%	35	35
Vibration Frequency	Hz	67/50	67/50
Nominal Amplitude	mm	0.30/0.80	0.30/0.80
Rated Power	kW	111	118
Overall Dimensions	mm	5146×2336×3099	5246×2336×3076



# PNEUMATIC ROLLER



## MAIN SPECIFICATIONS

Item	Unit	XP163	XP203	XP263	XP263K
Min. Operating Mass	kg	11750	11750	15000	15000
Max. Operating Mass	kg	16000	20000	26300	26300
Rated Power	kW	86	86	118	118
Engine Fuel Consumption	g.kw/h	≤205(1+5%)	≤205(1+5%)	≤235	≤235
Hydraulic Oil Tank Capacity	L	74	74	82	82
Overall Dimensions	mm	4800x2356x3330	4800x2356x3330	4925x2530x3370	4925x2851x3385

Item	Unit	XP303	XP303K	XP263S
Min. Operating Mass	kg	15000	15000	15000
Max. Operating Mass	kg	30300	30300	26300
Rated Power	kW	132	132	118
Engine Fuel Consumption	g.kw/h	≤233	≤233	≤235
Hydraulic Oil Tank Capacity	L	82	82	110
Overall Dimensions	mm	4925x2530x3370	4925x2851x3385	4925x2530x3370

Item	Unit	XP263KS	XP303S	XP303KS
Min. Operating Mass	kg	15000	15000	15000
Max. Operating Mass	kg	26300	30300	30300
Rated Power	kW	118	132	132
Engine Fuel Consumption	g.kw/h	≤235	≤233	≤233
Hydraulic Oil Tank Capacity	L	110	110	110
Overall Dimensions	mm	4925x2851x3385	4925x2530x3370	4925x2851x3385

## PRODUCT INTRODUCTION

XCMG has a full range of tire rollers from 16 to 30 ton in 6 standard models. Due to a long history in production and superior performance, they lead their domestic rivals in the market share.

## MAIN APPLICATION

They are widely used in compaction operations for all kinds of pavements, airports, ports, dams and other large-scale projects. They are essential equipment for highway construction, basis compaction of large-scale projects, various types of engineering fills.

## LIGHT-DUTY COMPACTION EQUIPMENT



### PRODUCT INTRODUCTION

XCMG has three series of light-duty compaction equipment in five basic standard models, and has various advantages, such as smaller size, stronger mobility, better compaction flatness and higher efficiency.

### MAIN APPLICATION

They are used for compaction of base courses and surface courses in infrastructure construction and maintenance, and are necessary repair and maintenance machinery for high-grade highways.

### MAIN SPECIFICATIONS

Item	Unit	XMR053	XMR083	XMR153	XMR153S
Operating Mass	kg	500	800	1680	1600
Static Line Load (Front/rear Drum)	kg	68	55/55	92/92	88/88
Operating Speed	km/h	0-3.4	0-3.6	0~10.5	0-9
Theoretical Gradeability	%	20	30	30	30
Rated Power	kW	10.5	5	17.6	17.3
Overall Dimensions (L X W X H)	mm	2118×831×1291	2695×760×1200	2370×985×2210	2118×976×2278

Item	Unit	XMR203	XMR303	XMR353E	XMR403
Operating Mass	kg	2000	3000	3500	4000
Static Line Load (Front/rear Drum)	kg	98/98	121/146	111/173	157/157
Operating Speed	km/h	0~10.5	0-9.5	0-10.3	0-10.6
Theoretical Gradeability	%	30	30	20	30
Rated Power	kW	17.6	28.5	28.5	36
Overall Dimensions (L X W X H)	mm	2370×1090×2210	2682×1328×2722	2682×1328×2752	2720×1428×2819

Item	Unit	XMR303S	XMR403S	XMR403VT	XMR403VO
Operating Mass	kg	3100	4100	4000	4160
Static Line Load (Front/rear Drum)	kg	129/129	157/157	150	135/156
Operating Speed	km/h	0-9.5	0-10.6	0~10.6	0-10.4
Theoretical Gradeability	%	30	30	30	29
Rated Power	kW	27.3	40	36	36
Overall Dimensions (L X W X H)	mm	2682×1328×2722	2720×1428×2819	2720×1462×2819	2720×1532×2819

# STATIC THREE-DRUM ROLLER



## MAIN SPECIFICATIONS

Item	Unit	3Y153J/3Y183J	3Y223J	3Y263J
Operating Mass	kg	15000	19000	23000
Max. Operating Mass	kg	18000	22000	26000
Max. Static Line Load of Rear Drum	N/cm	950	1160	1370
Theoretical Gradeability	%	20	20	20
Min. Turning Radius	mm	6500	6500	6500
Min. Ground Clearance	mm	488	488	488
Compaction Width	mm	2420	2420	2420
Overlapping of Front/rear Drum	mm	100	100	100
Form		water-cooled	water-cooled	water-cooled
Max. Power	kW	92	92	92
Length	mm	6285	6285	6285
Width	mm	2420	2420	2420
Height	mm	3348	3348	3348
Hydraulic Oil Tank Volume	L	70	70	70
Diesel Tank Volume	L	200	200	200
Engine Fuel Consumption	g/kW.h	≤205(1+5%)	≤205(1+5%)	≤205(1+5%)

## PRODUCT INTRODUCTION

Three-drum static rollers are new generation static products recently developed by XCMG. They have higher reliability and excellent MMI operating environment, and can compact gravels, crushed stones, sands, gravel mixtures, asphalt concretes, coal cinders and other materials, being an ideal compaction equipment for building roads, railways, municipal works, airports, industrial sites, parking spaces and so on.

## MAIN APPLICATION

Three-drum static compactors are widely used in basic course compaction operations for roads, railways, municipal works, airports, industrial sites, parking lots and others.

# BACKFILLING COMPACTOR



## PRODUCT INTRODUCTION

Backfilling compactors are heavy-duty compacting equipment with larger specific linear loads. They are mainly used in compaction operations for solid fillers in landfills to prolong their service life and reduce their land occupations.

## MAIN APPLICATION

They are also used for shoveling and compacting operations in road foundations, water conservancy dams, airports and other large refilling projects.

## MAIN SPECIFICATIONS

Item	Unit	XH233J	XH263J	XH283J
Quality of Work	kg	23000	26000	28000
Drive Wheel Mass Distribution Ratio	%	50	50	50
Compaction Wheel Front Wheel (Diameter*width)	mm	1620x1000	1620x1280	1620x1280
Compaction Wheel Rear Wheel (Diameter*width)	mm	1620x1000	1620x1115	1620x1115
Compaction Width	mm	3260	3710	3710
Before And After Driving Speed	km/h			
I Speed		0-4.7	0-4.4	0-4.4
II Speed		0.7.5	0.7.7	0.7.7
III Speed		0-11.3	0-10.7	0-10.7
Theoretical Climbing Ability	%	100	100	100
Minimum Turning Radius	mm	6700	6700	6700
Minimum Ground Clearance	mm	437	460	460
Screed Shovel Size	mm			
Width	mm	3200	3800	3800
Height	mm	2000	2000	2000
Maximum Lifting Height	mm	1000	1000	1000
Maximum Cut Depth	mm	120	120	120
Engine		water-cooled	water-cooled turbocharged	water-cooled turbocharged
Calibration Power	kW	192	192	192
Calibration Speed	r/min	2200	2200	2200





PRODUCT INTRODUCTION

XCMG has 13 basic models of bituminous concrete paver products of large, medium and small series, with their paving width ranging from 1.8 to 12.5 meters, forming the most complete product line with superior performance in the domestic market.

MAIN APPLICATION

It can be widely used in asphalt pavement construction of urban and rural roads, and highway construction.

MAIN SPECIFICATIONS

Item	Unit	RP403	RP603	RP753	RP803
Basic Pave Width	m	1.8~3.4	2.5~4.75	2.5	3.0~5.75
Maximum Pave Width	m	4.5	6	7.5	8
Maximum Layer Thickness	mm	260	350	350	350
Maximum Paving Speed	m/min	30	20	20	20
Maximum Travel Speed	km/h	3.6	3	3	3
Hopper Capacity	t	12	14	14	14
Maximum Laydown Rate	t/h	300	400	600	600
Rated Power	kW/rpm	75/2000	128/2000	140/2000	140/2000
Shipping Dimension(L×W×H)	mm	5500×1800×3100	6680×2500×3180	6545×2880×3180	6680×3000×3180
Shipping Weight	t	11.5	18.5	18.7	19

Item	Unit	RP903	RP953	RP1203	RP1655
Basic Pave Width	m	3.0~5.85	2.5	3.0	3.0
Maximum Pave Width	m	9.5	10.5	12.5	16.5
Maximum Layer Thickness	mm	400	400	400	550
Maximum Paving Speed	m/min	18	18	18	18
Maximum Travel Speed	km/h	3.0	3.0	2.8	3.0
Hopper Capacity	t	15	15	15	18
Maximum Laydown Rate	t/h	800	900	1000	1500
Rated Power	kW/rpm	162/2000	162/2000	191/2000	316/1900
Shipping Dimension(L×W×H)	mm	7150×3000×3160	6610×2780×3160	6880×3000×3195	7270×3175×4200
Shipping Weight	t	24.3	22.0	23.5	23.5



# BITUMEN EMULSION SPRAY PAVER



## PRODUCT INTRODUCTION

RP600-type emulsified asphalt synchronization sprinkler-pavers are widely used for preventive maintenance of road pavements. Drawing on super-thin wearing layer techniques and XCMG’s own R&D findings, they can perform high-viscosity emulsified asphalt sprinkling and asphalt road surfacing synchronously, and work well with other implements.

## MAIN APPLICATION

Mainly used for preventive maintenance and construction of highways, urban roads and other high-grade pavements. They can also be used for construction of urban/rural roads and high-grade highway asphalt pavements.

## MAIN SPECIFICATIONS

Item	Unit	RP600
Basic Pave Width	m	3 ~ 5.85
Maximum Pave Width	m	5.85
Maximum Layer Thickness	mm	200
Maximum Paving Speed	m/min	20
Maximum Travel Speed	km/h	3.3
Hopper Capacity	t	13
Maximum Laydown Rate	t/h	500
Rated Power	kW	159/2000
Shipping Dimension (L×W×H)	mm	7800×3000×3160
Shipping Weight	t	28
Maximum Spray Width	m	5.85
Spray Capacity		0.2 ~ 1.2
Spray Nozzle Quantity		24
Emulsion Tank Capacity	L	2200

# ASPHALT MIXING PLANT



## MAIN SPECIFICATIONS

Warm-Mix Foamed Asphalt Production Equipment

Item	Unit	XFP20	XFP30
Rated Capacity	t/h	20	30
Water Supply Capacity	L/min	30	70
Measurement Accuracy	%	±0.5	±0.5
Installed Power	kW	6	10

Emulsified Asphalt Equipment

Item	Unit	XR103S	XR63S
Rated Production Capacity	t/h	0	6
Emulsion Tank Volume	m³	2×2.5	2×2.3
Finished Product Tank Volume	m³	1.2	0.7
Dimensions	mm	9500×2200×2300	9500×2200×2300
Installed Power	kW	52	43

## MAIN SPECIFICATIONS

Asphalt Mixing Plant

Item	Unit	XAP80	XAP120	XAP160	XAP240	XAP320	XAP400
Rated Capacity	t/h	80	120	160	240	320	400
Mixing Ability	kg/batch	1250	1750	2250	3250	4250	5250
Grading		4	4	5	5	6	6
Filter Area	m²	360	480	690	970	1404	1940
Installed Power	kW	274	332	472	652	782	1007

Environmental-friendly Asphalt Mixture Mixing Plant

Item	Unit	XAP80H	XAP120H	XAP160H	XAP240H	XAP320H	XAP400H
Rated Capacity	t/h	80	120	160	240	320	400
Mixing Ability	kg/batch	1250	1750	2250	3250	4250	5250
Grading		4	4	5	5	6	6
Filter Area	m²	360	480	690	970	1404	1940
Installed Power	kW	387	442	606	770	906	1132

Asphalt Mixture Hot Regeneration Mixing Plant

Item	Unit	XRP160	XRP130	XRP80
Rated Capacity	t/h	0	130	80
Measurement Accuracy	%	±0.5	±0.5	±0.5
Precision of Temperature Control	℃	±5	±5	±5
Installed Power	kW	294	258	208

Integral Asphalt Mixture Hot Regeneration Mixing Plant

Item	Unit	XARP320	XARP240
Rated Capacity	t/h	320	240
Mixing Ability	kg/batch	5250	4250
Max.proportion of Addition	%	70	
Measurement Accuracy	%	±0.5	
Installed Power	kW	1222	1073

# MOTOR GRADER



## PRODUCT INTRODUCTION

XCMG has eight series of GR Series Motor Graders, with their rated powers in the 100 – 550 hp range. They have reliable quality and stable performance, and have retained a dominant market share for many years.

## MAIN SPECIFICATIONS

Item	Unit	GR100	GR1003	GR135	GR150
Rated Power/speed	kW/rpm	74/2200	75/2200	97/2200	112/2200
Traction Force (F=0.75)	kN	36	39	59	69
Min. Turing Radius	m	5.9	6	6.6	6.9
Moldboard Width×Height	mm	3048x450	3048×450	3660×610	3660×610

## MAIN SPECIFICATIONS

Item	Unit	GR165	GR180	GR1803	GR215
Rated Power/speed	kW/rpm	132/2200	140/2200	140/2000	160/2200
Traction Force (F=0.75)	kN	77	79	79	87
Min. Turing Radius	m	7.3	7.3	7.3	7.3
Moldboard Width×Height	mm	3660×610	3965×610	3660×610	3965×610

Item	Unit	GR215A	GR2153A	GR1605	GR1653
Rated Power/speed	kW/rpm	160/2200	164/2200	125/2200	132/2000
Traction Force (F=0.75)	kN	118	113.8	64	77
Min. Turing Radius	m	7.3	7.3	7.4	7.3
Moldboard Width×Height	mm	4270×610	4270×610	3660X610	3660×610

Item	Unit	GR2153	GR2203	GR2205	GR2403
Rated Power/speed	kW/rpm	1164/2000	162/2000	162/2200	178/2000
Traction Force (F=0.75)	kN	85	85	85	87
Min. Turing Radius	m	7.3	7.3	7.3	7.3
Moldboard Width×Height	mm	4270x610 (3965×610)	4270X610	4270x610	3965X610

Item	Unit	GR2405	GR2605	GR3003
Rated Power/speed	kW/rpm	178/2200	194/2200	224/2100
Traction Force (F=0.75)	kN	88	99	140
Min. Turing Radius	m	7.3	7.9	9
Moldboard Width×Height	mm	3965X610	4270×610	4877X686

Item	Unit	GR3005	GR3505	GR5505
Rated Power/speed	kW/rpm	242/2100	261/2100	399/2100
Traction Force (F=0.75)	kN	140	165	380
Min. Turing Radius	m	9	9.6	12.5
Moldboard Width×Height	mm	4572x686	4877X787	7300X1067

# STABILIZED SOIL MIXING PLANT



## PRODUCT INTRODUCTION

XCMG soil/recycling asphalt mixers have high capacities of 300-1000t/h, and are on a par with their global rivals in the technology level.

## MAIN APPLICATION

Stabilized soil mixing plants are used in soil stabilization operations for high-grade highways, urban roads, public squares and airports, and can continuously mix different grades of lime-ash gravels, lime stabilized soils, industrial waste soils and finished materials of stabilized soil.

Cold recycling plants are mainly used for churning out emulsified/foamed asphalts for base course processing operations in classified highway projects.

## MAIN SPECIFICATIONS

Stabilized Soil Mixing Plant

Item	Unit	XC300	XC400	XC500	XC600	XC700	XC800
Rated Productivity	t/h	300	400	500	600	700	800
Total Power	kW	90	107	135	156	159	222
Max. Motor Power	kW	45	55	75	90	90	55
Cover(L xW)	m2	44×14	48×14	48×14	51×14	51×14	53×14

High-speed Stabilized Soil Mixing Plant

Item	Unit	XC600S	XC700S	XC800S	XC1000S
Rated Productivity	t/h	600	700	800	1000
Total Power	kW	236	240	300	369
Max. Motor Power	kW	90	90	75	75
Cover(L xW)	m2	55×14	55×14	60×14	64×18

Asphalt Cold Regeneration Mixing Plant

Item	Unit	XCL300R
Rated Productivity	t/h	300
Total Power	kW	240
Max. Motor Power	kW	45
Cover(L xW)	m2	49×37



# ROAD SURFACE MILLING MACHINE



## PRODUCT INTRODUCTION

Drawing on internationally-advanced milling techniques and its own R&D findings over the past 20 years, XCMG launched 6 series of milling planers, with their milling width in the range of 0.35 - 2 meters, forming the most complete product portfolio in the domestic market. Thanks to their stable quality and reliable performance, these small/-medium-sized milling planers have dominated the domestic markets for many years and have been the preferred tools for customers in their municipal facility maintenance/overhaul projects. These planers have commanded over 70% of the domestic market.

## MAIN APPLICATION

Mainly used for excavating and renovating asphalt concrete pavements of highways, urban roads, airports, garages, parking lots and so on, and can effectively remove various road defects, such as hunches, waves, overlapping curves, ruts and cracks. They can also be used for ditching pits and trenches, and removing cement pavement burrs and milling pavement dislocations.

## MAIN SPECIFICATIONS

Item	Unit	XM353	XM503	XM503K	XM1003	XM1003H
Rated Power/speed	kw/rpm	72/2200	92/2200	103/2200	162/2200	164/2200
Max.milling Width	mm	500	500	500	1000	1000
Max.milling Depth	mm	120	180	210	180	255
Number of Tools		36/48	54	60	82	80
Milling Drum Diameter	mm	580	660	700	700	860
Operating Speed	m/min	0-40	0-40	0-30.7	0-45	0-40
Travel Speed	km/h	0-5.6	0-6	0-7.5	0-8	0-8
Operating Weight	kg	5000	8000	7550	15600	15800
Complete Machine(L×w×h)	mm	3170×1430×2350	3610×1765×3346	3676X1888X2530	4690×2500×3500	4600×2414×3000

Item	Unit	XM1003K	XM1303K	XM200	XM200K	XM200KII
Rated Power/speed	kw/rpm	162/2200	177/2200	390/2100	447/2100	470/2100
Max.milling Width	mm	1000	1300	2000	2000	2000
Max.milling Depth	mm	300	300	320	320	320
Number of Tools		100/80	119	162	168/146	168/146
Milling Drum Diameter	mm	930	930	980	980	980
Operating Speed	m/min	0-45	0-45	0-34	0-84	0-85
Travel Speed	km/h	0-8	0-8	0-5	0-5	0-5
Operating Weight	kg	16800	17500	34000	34000	34000
Complete Machine(L×w×h)	mm	4837×2546×3750	4837×2846×3750	7650×2580×3000	7650X2580X3000	7650X2580X3000



## ROAD COLD RECYCLER OF ASPHALT PAVEMENT



### PRODUCT INTRODUCTION

XCMG has three series of XLZ road cold recyclers. They are multifunctional equipment for aging asphalt pavement upgrading and stabilized soil mixing on road maintenance sites. Having characteristics of high efficiency, high reliability and easy operation, they can meet various needs and requirements under complex operating conditions, and have won high recognition from users and a steady increase in sales.

### MAIN APPLICATION

Road recyclers are widely used for upgrading aging asphalt pavements and mixing base layer/sub-base stabilized soils for highways, urban/rural roads, airports, docks, parking lots and other projects.

### MAIN SPECIFICATIONS

Item	Unit	XLZ2103S	XLZ2103
Rated Power/speed	kW/rpm	353/2100	338/1900
Operating Speed	km/h	0-3.2	0~2.7
Travel Speed	km/h	0-23	0~18.5
Gradeability	%	20	≥20
Ground Clearance	mm	350	350
Working Weight	kg	21000	21000/21300
Max. Milling Width	mm	2100	2100/2300
Max. Milling Depth	mm	400	400
Tools Number	pcs	144	162
Rotor Diameter	mm	1380	1350/1380
Overall Dimensions(Length X Width X Height)	mm	9232×3162×3450	9232×3142×3450

Item	Unit	XLZ2303	XLZ230K
Rated Power/speed	kW/rpm	447/2100	420/1800
Operating Speed	km/h	0~2.5	0~2.4
Travel Speed	km/h	0~10	0~10
Gradeability	%	40	50
Ground Clearance	mm	350	350
Working Weight	kg	31000	34000
Max. Milling Width	mm	2300	2300
Max. Milling Depth	mm	400	450
Tools Number	pcs	184	141
Rotor Diameter	mm	1380	1480
Overall Dimensions(Length X Width X Height)	mm	10193×3161×3550	9390×2995×3484



PRODUCT INTRODUCTION

XCMG XL series stabilized soil mixing machines are widely used for mixing stabilized soils for road base courses and the basal layers on construction sites. Having characteristics of high efficiency, high reliability and easy operation, they can meet needs and requirements under complex working conditions. They have been the best-sellers in the domestic market for years, and won well reception from users.

MAIN APPLICATION

Stabilized soil mixing machines are suitable for mixing stabilized soils for road base courses and the basal layers on construction sites in highways, urban roads, squares, docks, airports, car parks and other projects. It can mix soils and stabilized materials of Grade I and II (particle sizes of less than 40 mm), and soils or stabilized soil materials of Grade III and IV.

MAIN SPECIFICATIONS

Item		Unit	XL2103	XL2503
Maxi. Milling Width		mm	2100	2500
Maxi. Milling Depth		mm	400	400
Milling Motor	Number of Tools	PCS	162	210
	Rotor Diameter	mm	1280	1280
Engine	Modal		WP12.400N	WP12.430N
	Rated Power	kW	294	316
	Rated Speed	rpm	1900	1900
Performance	Working Speed	km/h	0~3	0~3
	Travelling Speed	km/h	0~23	0~23
	Grade Ability	%	≥20	≥20
	Ground Clearance	mm	450	450
Tank Capacity	Operating Weight	Kg	15600	16500
	Fuel Tank	L	450	450
	Hydraulic Oil Tank	L	450	450
Working Device Type			postposition	postposition
Travelling Mode			tyre	tyre
Dimension (Lxwxh)		mm	8740x2765x3450	8740x3060x3450

# SLURRY SEAL MACHINE



## PRODUCT INTRODUCTION

Micro-surfacing/slurry Seal Machines are mainly used in preventive maintenance of asphalt pavements, applying a thin overlay onto 3-15mm-thick road pavements for waterproof function and crack filling, in a bid to improve their skid performance, flatness, service life and so on. They can also be used to repair ruts on aging roads and build sealed layers on new roads.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5312TFC (XF1003)
Capacity of Aggregate Bin	L	10
Capacity of Asphalt Tank	L	4000
Capacity of Water Tank	L	4000
Capacity of Stuffing Box	L	800(2×400)
Capacity of Additive	L	300
Dimensions (L×W×H)	mm	11850×2496×3490

# SYNCHRONOUS CHIPS SEAL TRUCK



## PRODUCT INTRODUCTION

XZJ5313TFCTB Synchronous chip sealing trucks are mainly used for asphalt chip sealing operations, and can also be used for asphalt distribution, macadam construction of up-sealing layers, under-sealing layers and bridge deck waterproof layers, removal of whitening spots on cement roads, and preventive maintenance of aging pavements.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5251TFCTB(XTF1003)
Max. Width of Seal Coat	mm	4000
Asphalt Spraying Volume	kg/m <sup>2</sup>	0.2~3.0
Particle Size of Spraying Stone Chips	mm	S3~S30
Gravel Spray Quantity	L/m <sup>2</sup>	3~22
Total Weight	kg	19500
Dimensions (L×W×H)	mm	9920×2500×3790

# ASPHALT DISTRIBUTOR



## PRODUCT INTRODUCTION

Asphalt distributors are used for building new pavements, maintaining aging pavements, and spraying emulsion asphalts, diluted asphalts, hot asphalts and rubberized asphalts. Having high spraying precision, reliable performance and convenient operation, they are ideal equipment for construction and maintenance of asphalt roads.

## MAIN APPLICATION

They are mainly used for maintenance of fog seal coats and bonding layers, surface treatment of up/under-sealed layers, bonding layers, prime coats and asphalt layers of new pavements, and transportation of liquid asphalts.

## MAIN SPECIFICATIONS

Item	Unit	XLS803	XLS603	XLS403
Maximum Width of Cloth	m	6	6	4
Distributing Quantity	kg/m <sup>2</sup>	0.2-3	0.2-3	0.2-3
Asphalt Tank Capacity	m <sup>3</sup>	8	6	4
Sprinkle The Weight Deviation	kg/m <sup>2</sup>	±0.07	±0.07	±0.07
Transitions Top Speed	km/h	90	90	90
Tank Insulation Performance	℃/8h	12	12	12
Overall Dimensions	mm	8890×2500×3000	7580×2325×2820	7010×2100×2515

Item	Unit	XLS1203	XLS1203 II
Maximum Width of Cloth	m	6	6
Distributing Quantity	kg/m <sup>2</sup>	0.2-3	0.2-3
Asphalt Tank Capacity	m <sup>3</sup>	12	12
Sprinkle The Weight Deviation	kg/m <sup>2</sup>	0.07	0.07
Transitions Top Speed	km/h	84	84
Tank Insulation Performance	℃/8h	12	12
Overall Dimensions	mm	10330×2500×3220	10330×2500×3405



# SYNCHRONOUS CHIP SEALER



## PRODUCT INTRODUCTION

It is mainly used for chip sealing on under-sealed layer of asphalt pavements, highway surfaces, bridge deck waterproof treatments, interlayer treatments between lanes, regular maintenance, and white-to-black treatments on cement road surfaces.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5313TFCTB (XTF1203)
Max.width of Seal Coat	mm	4000
Asphalt Spraying Volume	kg/ m <sup>2</sup>	0.2~3.0
Particle Size of Spraying Stone Chips	mm	S3-S25
Gravel Spray Quantity	L/ m <sup>2</sup>	3~22
Total Weight	kg	25300
Dimensions (L×w×h)	mm	11980X2500X3890

# SYNCHRONOUS CHIP SEALER



## PRODUCT INTRODUCTION

XZJ5312TFCTB Synchronous chip seal truck has many advantages, including simple operation, high automatic degree, evenly spraying, high flexibility, strong adaptability, etc.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5312TFCTB(XTF1403)
Max.width of Seal Coat	mm	4000
Asphalt Spraying Volume	kg/ m <sup>2</sup>	0.2-3.0
Particle Size of Spraying Stone Chips	mm	S3-S25
Gravel Spray Quantity	L/ m <sup>2</sup>	3~22
Total Weight	kg	24800
Dimensions (L×w×h)	mm	11980×2500×3890

# POWDER DISTRIBUTOR



## PRODUCT INTRODUCTION

XCMG powder distributor is suitable for distributing powdered materials, such as cement, lime and fly ash, and used for cement spraying in highway cold regeneration construction, stabilized soil/adhesive spraying in roadbed construction, and powdered material spraying on other occasions.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5250TFS	XZJ5251TFS	XZJ5252TFS
Curb Quality	kg	17250	17500	17500
Engine Power	kW/r/min	218/1900	218/1900	218/1900
Silo Volume	m³	16	20	16
Overall Dimensions (L×W×H)	mm	9365×2500×3480	9550×2500×3610	9550×2500×3360

# PAVEMENT MAINTENANCE TRUCK



## PRODUCT INTRODUCTION

XZJ5163TYH pavement maintenance trucks are mainly used for asphalt pit slot repair and other maintenance. They can perform various functions, such as cold asphalt mixture fast heating, waste asphalt mixture recycling, new material mixing, pavement recycling in site, hot material storage and transportation, and can do various tasks, including automatic feeding, road cutting, pit slot purging, heating in place, raking, emulsified asphalt spraying, hot asphalt spraying, hot material paving, road compaction, waste recycling, etc.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5163TYH (XLY103TB)	XZJ5180TYH(XLY503B)	XZJ5090TYH(XLY053TB)
Generator Power	kW	12	16	22
Chassis Engine Power	kW	165/2300	40/2600	115
Hopper Capacity	m³	0.13		0.1
Machine Size (L×W×H)	mm	9640×2495×3440	8570×2468×3280	6600×2340×2950



PRODUCT INTRODUCTION

XCMG ET Series walking excavator is a special kind of all terrain, multi-purpose machine, working well both on plateaus and in plain areas. It can operate through wireless remote control.

MAIN SPECIFICATIONS

Item	Unit	ET83	ET113	ET123
Mechine Weight	kg	8000	11300	11500
Engine Rated Power	kW/rpm	74/2600	97/2200	97/2200
Bucket Capacity	m³	0.15	0.3	0.3
Max.Weding Depth	mm	1500	1800	2000

CONCRETE MACHINERY

- Concrete Pumping Equipment
- Concrete Transportation Equipment
- Concrete Mixing Plant

# TRUCK MOUNTED CONCRETE PUMP



## PRODUCT INTRODUCTION

- More advanced boom structure technology
- More efficient rock valve pumping technology
- Steadier stabilizer structure technology
- Steadier reversing buffering technology
- More reliable fully-hydraulic reversing technology
- Ultra-low pressure loss hydraulic system technology
- Safer and smarter electrical control system

## MAIN SPECIFICATIONS

Item	Unit	HB30V	HB37V	HB39V
Overall Weight	kg	20000	24830	27200
Max. Power	kW	203	277	294
Max. Torque	N·m/(r/min)	1100/1200-1800	1590/1100-1600	1900/1100-1400
Overall Dimension	mm	10190×2500×3700	11950×2500×3810	11100×2500×3800
Chassis		4×2 SINOTRUK	6×4 SINOTRUK	6×4 SINOTRUK
Emission Standard		China V	China III/V	China III/V

Item	Unit	HB43V	HB52V	HB52V
Overall Weight	kg	31130	34000	35000
Max. Power	kW	290	294	300
Max. Torque	N·m/(r/min)	1900/1100-1400	1900/1000-1400	2000/1080
Overall Dimension	mm	11160×2500×3990	13040×2530×4000	12900×2530×4000
Chassis		6×4 SINOTRUK	6×4 SINOTRUK	6×4 BENZ
Emission Standard		China III	China III/V	Euro V

Item	Unit	HB58V	HB58V	HB58V
Overall Weight	kg	44000	44000	44000
Max. Power	kW	294	300	316
Max. Torque	N·m/(r/min)	1900/1000-1400	2000/1080	2010/1000-1400
Overall Dimension	mm	14570×2530×3990	14300×2530×4000	14550×2530×4000
Chassis		8×4 SINOTRUK	8×4 BENZ	8×4 XCMG
Emission Standard		China V	Euro V	China V



## TRUCK-MOUNTED CONCRETE LINE PUMP



### PRODUCT INTRODUCTION

- More efficient rock valve pumping technology
- Steadier reversing buffering technology
- More reliable fully-hydraulic reversing technology
- More reliable automatic high/low pressure switchover technology
- Ultra-low pressure loss hydraulic system technology
- Safer and smarter electrical control system
- Ultrahigh pressure pumping technology

### MAIN SPECIFICATIONS

Item	Unit	HBC10022V	HBC12028V	HBC10040V
Rated Power	kW	228	186+228	2×294
Volume of Water Tank	L	300	200	200
Max. Traveling Speed	km/h	90	90	90
Overall Dimension(L×W×h)	mm	9350×2500×2970	10280×2500×3320	10530×2500×3661

## TRUCK-MOUNTED CONCRETE SPRAYING MACHINE



### PRODUCT INTRODUCTION

- More accurate boom controlling technology
- Ultra-long boom structure technology
- More efficient rock valve pumping technology
- Steadier reversing buffering technology
- More reliable fully-hydraulic reversing technology
- Ultra-low pressure loss hydraulic system technology
- More practical double power technology

### MAIN SPECIFICATIONS

Item	Unit	HPC30V
Rated Power	kW/rpm	132/2400
Overall Weight	kg	18000
Max. Traveling Speed	L	90
Overall Dimension	mm	9360×2500×3660



PRODUCT INTRODUCTION

- More efficient rock valve pumping technology Steadier
- Steadier reversing buffering technology
- More reliable fully-hydraulic reversing technology
- Ultra-low pressure loss hydraulic system technology
- Safer and smarter electrical control system

MAIN SPECIFICATIONS

Item	Unit	HBT5008V	HBT6013V	HBT9018V
Rated Power	kW/r/min	82/2300	118/2200	186/2100
Overall Weight	kg	5035	6900	7400
Rated Torque	Nm/r/min	430/1400~1600	570/1400~1600	1000/1600
Overall Dimension(L×w×h)	mm	5623×1884×2606	6115×2100×2810	6482×2100×2886



PRODUCT INTRODUCTION

- Efficient mixing technology
- Tank technology of large capacity and low angle
- Comprehensive improvement of key parts’ reliability
- Application of SCHWING’s advanced manufacturing technology
- Optimal matching of chassis scheme
- Adoption of more convenient details
- New industrial exterior styling

# MAIN SPECIFICATIONS

## SINOTRUCK SERIES

Item	Unit	XSC3303	XSC3305	XSC3307
Rated Power	kW	247	247	249/273
Curb Mass	kg	12620	14600	14600
Volume of Water Tank	L	450	450	450
Overall Dimension	mm	8400×2500×3800	8960×2500×3820	9510×2500×3970
Chassis		HOWHAN(L/R) 6×4	HOWO(L/R) 6×4	HOWO(L/R) 6×4
Emission Standard		China II	China II/III	China II
Wheelbase	mm	3225+1350	3625+1350	3825+1350

Item	Unit	XSC3309	XSC4309	XSC4309
Rated Power	kW	273	273	274
Curb Mass	kg	14350	16200	16160
Volume of Water Tank	L	450	450	450
Overall Dimension	mm	9850×2500×3980	10140×2520×4000	10390×2500×4000
Chassis		HOWO(L) 6×4	HOWO(L) 8×4	HOWO(L) 8×4
Emission Standard		China II	China II	China V
Wheelbase	mm	4025+1350	1800+3200+1350	1950+3200+1350

## XCMG HANVAN SERIES

Item	Unit	XSC2301	XSC3303	XSC3305
Rated Power	kW	140	198	257/242
Curb Mass	kg	8400	11400	13400/14500
Volume of Water Tank	L	450	450	450
Overall Dimension	mm	7500×2495×3620	8450×2500×3680	9200×2520×3900 9520×2500×3900
Chassis		4×2	HAVAN G5 6×4	HAVAN G5/G7 (R) 6×4
Emission Standard		China III	China V	China V/III
Wheelbase	mm	3800	3400+1350	3800/4150+1350

Item	Unit	XSC3307	XSC3309	XSC4309
Rated Power	kW	257	257	257
Curb Mass	kg	13400	15200	14300
Volume of Water Tank	L	450	450	380
Overall Dimension	mm	9160×2520×3950	10035×2520×3995	10050×2520×3850
Chassis		HANVAN G5 6×4	HANVAN G5 6×4	HANVAN G7 8×4
Emission Standard		China V	China V	China V
Wheelbase	mm	3800+1350	4200+1350	1950+2900+1350

## 4M³ SELF-LOADING TRUCK MIXER

SLM4K	4 m³	4×4 Two-wheel steering	Economic front-load	China II
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PRODUCT INTRODUCTION

- More efficient production
- More intelligent control
- More accurate weighing
- More uniform agitating
- More comprehensive customization
- Cutting-edge environmental protection
- Delivery with higher quality

MAIN SPECIFICATIONS

STANDARD COMMERCIAL MIXING PLANT

Item	Unit	HZS90V	HZS120V	HZS180V	HZS270V
Mixer Power	kW	2×30	2×37	2×55	2×75
Theoretical Production Rate	m³/h	90	120	180	270
Nominal Volume of Mixer	L	1500	2000	3000	4500
Standard Installed Capacity	kW	153	170	270	363
Volume of Aggregate Bin	m³	3×15	4×15	4×25	4×30
Volume of Powder Silo	t	3×100	4×150	4×200	2×200+2×300

ENGINEERING BUCK-TYPE MIXING PLANT

Item	Unit	HZS60VG	HZS90VG	HZS120VG	HZS180VG
Mixer Power	kW	2×18.5	2×30	2×37	2×55
Theoretical Production Rate	m³/h	60	90	120	180
Nominal Volume of Mixer	L	1000	1500	2000	3000
Standard Installed Capacity	kW	95	138	175	297
Volume of Aggregate Bin	m³	3×10	3×10	4×10	4×25
Volume of Powder Silo	t	2×60	2×100	2×100	4×200

MOBILE MIXING PLANT

Item	Unit	HZS40VY	HZS60VY	HZS75VY
Mixer Power	kW	2×15	2×18.5	2×30
Theoretical Production Rate	m³/h	40	60	75
Nominal Volume of Mixer	L	750	1000	1500
Standard Installed Capacity	kW	69	76	95
Volume of Aggregate Bin	m³	4×5	4×5	4×8
Volume of Powder Silo	t	optional	optional	optional





# PILING&DRILLING MACHINERY

PRODUCT INTRODUCTION

- Automatic climbing technology
- External linkage of concrete pump truck boom
- Full filtering
- Boom, standard section assembly, base structure and turret, etc. adopt high strength structural steel, with higher reliability.

MAIN SPECIFICATIONS

Item	Unit	HGP32
Rated Power	kW	22
Max.Placing Radius	m	32
Boom Type		4R
Other		Floor climbing type

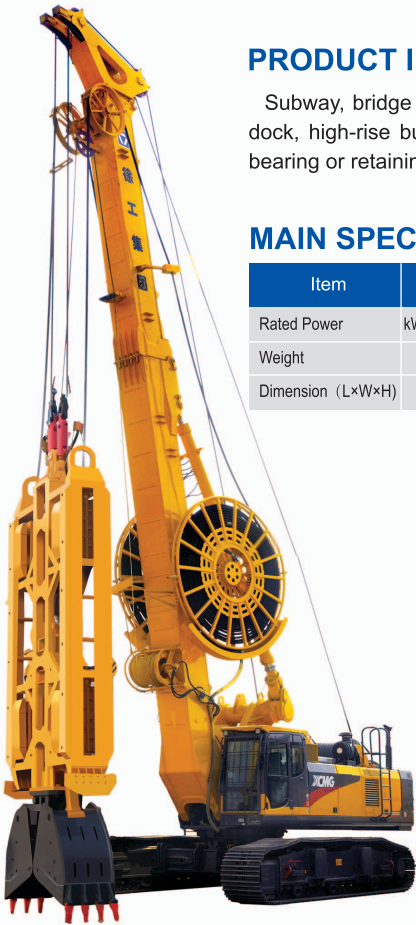
- Continuous Wall Grab
- Rotary Drilling Rig
- Horizontal Directional Drill
- Tunnel Boring Machine
- Tube Push Bench
- Shield Tunneling Machine
- Railway Construcion Machinery

PRODUCT INTRODUCTION

Subway, bridge anchoring, reservoir diaphragm wall, port, dock, high-rise building, sewage treatment plant and other bearing or retaining diaphragm wall.

MAIN SPECIFICATIONS

Item	Unit	XG500E	XG600E	XG700E
Rated Power	kW/rpm	298/1900	298/1900	315/1900
Weight	t	105	128	133
Dimension (L×W×H)	mm	10400×4800×17300	10805×4900×18900	11500×4900×18900



PRODUCT INTRODUCTION

Rock work in Subway,bridge anchoring, reservoir diaphragm wall, port, dock, high-rise building, sewage treatment plant and other bearing or retaining diaphragm wall.

MAIN SPECIFICATIONS

Item	Unit	XTC80/55	XTC80/60M	
Rated Power	kW	298/2100	567/2100	
Weight	t	135	125	
Dimension (L×W×H)	mm	11335×4900×18900	13650×6575×6000	

Item	Unit	XTC80/60	XTC80/85	XTC100/105
Rated Power	kW	567/2100	567/2100	567/2100
Weight	t	135	165	170
Dimension (L×W×H)	mm	17350×6575×9980	11600×5500×18700	11600×5500×18700



PRODUCT INTRODUCTION

Concrete cast in situ pile for urban construction, railway, highway, bridge, subway and building.AH-type extendable special undercarriage has high working stability

The first to launch the single-rope technology of main winch with long service life and low cost.

CFA, double rotary drives, DTH , SMC and other expansion of multi-function with good configuration.



MAIN SPECIFICATIONS

Item	Unit	XR130E	XR150D III	XR180D/ II
Rated Power	kW	169	150	194
Max. Drilling Diameter	mm	φ1500/φ1300*	φ1500	φ1800/φ1600*
Max. Drilling Depth	m	50	56	60
Weight	t	43	49	60
Dimension (L×W×H)	mm	7546×3600×17724	7550×4200×19040	8350×4200×20480

Item	Unit	XR220D/ II	XR280D/ II	XR320D
Rated Power	kW	242	298	298
Max. Drilling Diameter	mm	φ2000	φ2500/φ2200*	φ2500/φ2200*
Max. Drilling Depth	m	67	88	90
Weight	t	76	88/96	95
Dimension (L×W×H)	mm	8968×4400×22180	10770×4800×23550	10480×4800×25155

Item	Unit	XR360	XR400E	XR400D
Rated Power	kW	298	373	373
Max. Drilling Diameter	mm	φ2500	φ2800/φ2500*	φ3000/φ2800*
Max. Drilling Depth	m	92 (102m)	103	110
Weight	t	92	113	124
Dimension (L×W×H)	mm	11000×4800×24586	10995×4900×26640	10530×5100×28572

Item	Unit	XR460D	XR550D	XRS1050
Rated Power	kW	447	447	298
Max. Drilling Diameter	mm	φ3000/φ2800*	φ3500	φ2500
Max. Drilling Depth	m	120	132	105
Weight	t	163	180	114
Dimension (L×W×H)	mm	10750×5500×31060	12790×6000×33325	10265×4800×27520

(Parameters with "\*" are those of crowd winch configuration)



PRODUCT INTRODUCTION

Foundation support, anchor drilling, micro pile, concrete jet mixing pile, etc.  
Self-adjustment undercarriage has good stability.  
Multi-degree freedom luffing mechanism has flexible operation angle.  
Euro drill power unit has high reliability.

MAIN SPECIFICATIONS

Item	Unit	XMZ75T	XMZ120
Rated Power	kW/rpm	53/2200	119/2200
Weight	t	17	14
Dimension (L×W×H)	mm	9000×2280×2725	9465×2280×2769



PRODUCT INTRODUCTION

Pipeline construction about Municipal Construction (Electric,Communication,Water Supply) and Natural Gas,Oil Delivery.

MAIN SPECIFICATIONS

Item	Unit	XZ120E	XZ200	XZ320D
Rated Power	kW/rpm	74/2200	113/2200	154/2200
Weight	t	6	8.5	10
Dimension(L × W × H)	mm	4500×2015×1450	5900×2240×2450	6500×2250×2450



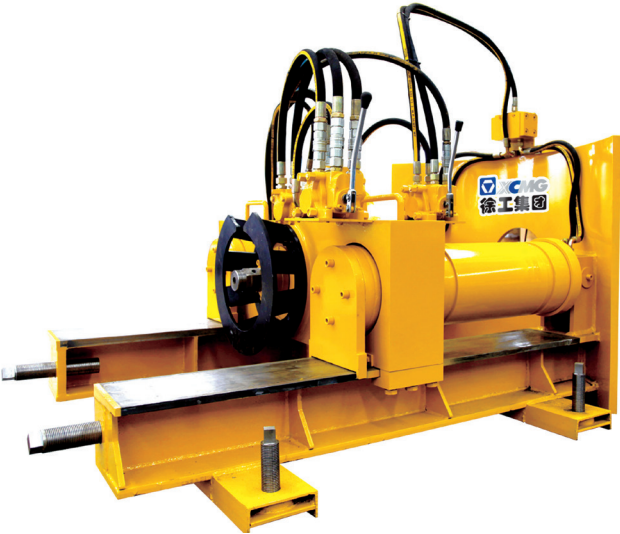
MAIN SPECIFICATIONS

Item	Unit	XZ320E	XZ360E	XZ400
Rated Power	kW/rpm	154/2200	154/2200	179/2200
Weight	t	10	10.5	11.5
Dimension(L × W × H)	mm	6200×2240×2450	6200×2240×2450	7080×2450×2450

Item	Unit	XZ420E	XZ450/XZ450Plus	XZ680A
Rated Power	kW/rpm	179/2200	194/2200	242/2100
Weight	t	11.2	13.5	21
Dimension(L × W × H)	mm	6500X2250X2450	8800×2280×2610	11610×2800×3115

Item	Unit	XZ900	XZ1000A
Rated Power	kW/rpm	264/2100	264/2100
Weight	t	24	23
Dimension(L × W × H)	mm	11680×2760×3540	11500×2900×3000

SPIRAL PIPE JACKING MACHINE



PRODUCT INTRODUCTION

Small municipal drainage and sewage pipes,with diameter of 300 t0 500 millimeter, applicable stratum: drift sand,silt,hard soil,cohesive soil.

MAIN SPECIFICATIONS

Item		Unit	XDL500
Self-propelled Power Pump Station (Optional)	Crawler Speed	km/h	2.2
	Weight	t	9
	Overall Dimensions	mm	5050×2250×2630
Dual Power Pump Station (Optional)	Electric Motor Powe	kW	18.5+30
	Working Pressure	MPa	28
	Oil Tank Capacity	L	320



PRODUCT INTRODUCTION

Exploration and investigation for solid mine. Widely used in geological, coal field, nonferrous Chemical Industry, nuclear industry, etc.

Portable: Modularity, easy to assemble and disassemble, convenient transportation, the weight of each module less than 170kg.

High efficiency: Max daily drilling depth 150m, average daily drilling depth 70m.

MAIN SPECIFICATIONS

Item	Unit	XDY1000	XDY1500	XDY2000
Rated Power	kW/rpm	132/2000	153/2000	179/2000
Weight	t	10	12.5	13.5
Max. Torque	N*m	4200	5200	5750
Max. Rotation	r/min	1300	1300	1300
Max. Pull	kN	130	155	200
Max. Push	kN	70	70	100



PRODUCT INTRODUCTION

Water, underground heat well, monitoring well, concreting hole of foundation work, anchoring, etc.

Drive head rotary speed stepless adjustment highly improves the drilling speed of impactors.Fine feeding system with weighing function, convenient operation, accurate control.Four supporting legs to achieve quick leveling, no need of hoisting during transportation.Floating main spindle of carriage improves the service life rod thread of 30%.

MAIN SPECIFICATIONS

Item	Unit	XSL3/160	XSL4/200	XSL5/260	XSL7/350
Rated Power	kW	92	97	113	154
Weight	t	9	11	12.5	14
Dimension (L×w×h)	mm	3980×3130×6500	4900×3350×9300	4400×3200×9300	5150×3250×10500



PRODUCT INTRODUCTION

Underground tunneling of coal mine, water conservancy, small road tunnel and other culverts.

MAIN SPECIFICATIONS

Item	Unit	EBZ135	EBZ135L	EBZ160	EBZ160L	EBZ200A
Gross Power	kW	221	221	261	261	325
Power of Cutting Motor	kW	135	135	160/80	160/80	200/100
Max. Non-removable Parts Size	mm	3530×1540×1380	3410×1380×1330	3380×1200×1520	3440×1490×1310	3125×1390×1420
Max. Non-removable Parts Mass	kg	5460	4700	5500	5400	5900

Item	Unit	EBZ200R	EBZ230	EBZ260	EBZ320
Gross Power	kW	347	377	410.5	568.5
Power of Cutting Motor	kW	200/150	230/150	260/200	320/240
Max. Non-removable Parts Size	mm	3680×1390×1480	3680×1390×1480	3755×1500×1470	4083×1450×1778
Max. Non-removable Parts Mass	kg	8500	8500	8700	11000



PRODUCT INTRODUCTION

Highway, railway, subway and water conservancy tunneling work.

MAIN SPECIFICATIONS

Item	Unit	XTR4/180	XTR4/230	XTR6/260	XTR7/260	XTR7/360
Power of Cutting Motor	kW	180/110	230/135	260/200	260/200	360/280
Power of Pump Station Motor	kW	90	110	132	132	230
Weight	t	47	58	92	100	145



PRODUCT INTRODUCTION

Trenchless pipe laying engineering such as municipal drainage pipes, sewage pipes, water supply pipes, electric power and communication pipeline, gas and oil pipeline, urban underground pipe basement, pipe-roofing engineering etc.

MAIN SPECIFICATIONS

Item	Unit	XDN1000	XDN1200
Outer Diameter×length	mm	Φ1220×3800	Φ1460×4285
Total Power	kW	32.2	46.2
Weight	t	6	10

MAIN SPECIFICATIONS

Item	Unit	XDN1500	XDN1800
Outer Diameter×length	mm	Φ1820×4260	Φ2180×4450
Total Power	kW	62.2	82.2
Weight	t	13.5	2

Item	Unit	XDN2200	XDN2600
Outer Diameter×length	mm	Φ2660×5100	Φ3100×5100
Total Power	kW	124	154
Weight	t	25	390

Item	Unit	XDN3000	XDN3500
Outer Diameter×length	mm	Φ3580×5650	Φ4170×5750
Total Power	kW	184	215.5
Weight	t	540	710

Item	Unit	XDN4000
Outer Diameter×length	mm	Φ4840×5800
Total Power	kW	245.5
Weight	t	880





PRODUCT INTRODUCTION

Water, underground heat well, monitoring well, concreting hole of foundation work, anchoring, etc.

Drive head rotary speed stepless adjustment highly improves the drilling speed of impactors. Fine feeding system with weighing function, convenient operation, accurate control. Four supporting legs to achieve quick leveling, no need of hoisting during transportation. Floating main spindle of carriage improves the service life rod thread of 30%.

MAIN SPECIFICATIONS

Item	Unit	XSC5/260	XSC(T)10/500	XSC20/1000	XSC30/1200
Rated power	kW	194	154	447	571
Weight	t	31	36	53	55
Dimension (L×W×H)	mm	11845×4535×13270	12340×3955×16850	14680×5184×(13800-21400)	14680×5184×(13800-21400)

TUNNEL CONSTRUCTION EQUIPMENT

- Drill Jambo
- Subsurface Excavation Bogie

## THREE-BOOM DRILL JAMBO



### PRODUCT INTRODUCTION

It's mainly applicable for the tunneling operations of roadways and tunnels in mines and other underground projects. Capable of drilling of blast holes, anchor rod holes, and undermining holes and installation of explosives, anchor rods, and air ducts. Maximum operation area coverage: 180m<sup>2</sup>.

### MAIN SPECIFICATIONS

Item	Unit	TZ3A	TZ3S
Maximum Operating Cover Area	m <sup>2</sup>	180	186.5
Maximum Operating Height	mm	13075	13110
Maximum Operating Width	mm	15725	16527
Impact Power of Gadder	kW	18.8	18.8 Standard 109 drill/31optional 110 drill
Diameter For Drill Hole	mm	φ43-φ102	φ43-φ140
Total Installed Power	kW	200	237 Optional 75kw motor/282 optional 90kw motor
External Power Supply	V/Hz	380/50	380/50
Engine Power	kW	200	186
Transport Dimension(L×W×H)	mm	1600×2950×3400	17240×2926×3278
Curb Weight	kg	47800	50000

## TWO-BOOM DRILL JAMBO



### PRODUCT INTRODUCTION

It's mainly applicable for the tunneling operations of roadways and tunnels in mines and other underground projects. Capable of drilling of blast holes, anchor rod holes, and undermining holes and installation of explosives, anchor rods, and air ducts. Maximum operation area coverage: 72m<sup>2</sup>.

### MAIN SPECIFICATIONS

Item	Unit	TZ2A	TZ2S
Maximum Operating Cover Area	m <sup>2</sup>	72	104
Maximum Operating Height	mm	7600	9200
Maximum Operating Width	mm	11200	13600
Drill Model	/	HC109	HC109/HC110(Optional)
Impact Power of Gadder	kW	18.8	18.8/31
Impact Frequency of Gadder	Hz	40-50	40-50/62-77
Diameter For Drill Hole	mm	φ43-φ102	φ43-φ102
Total Installed Power	kW	125	170/215
Curb Weight	kg	24800	34000

PRODUCT BRIEF  
INTRODUCTION

It' s mainly applicable for the tunnel- ing operations of metal mines and diver- sified underground roadways and tunnels (Such as electricity and water utilities).  
Maximum operation area coverage: 35m².  
The all-directional paralleling-maintained drill booms of proprietary technology features accurate positioning. The drill booms adopt equal-strength structure design to realize reason- able structure, high strength, and long life.



MAIN SPECIFICATIONS

Item	Unit	CYTJ45
Equipment Weight	kg	12500
Dimensions	mm	11400×1750×2410
Working Range(W×H)	mm	6600×6630
Maximum Coverage Area	m²	35
Model	/	HC109
Brand	/	Montabert,France
Impact Power	kW	18.8
Impact Frequency	Hz	47
Motor Power	kW	55

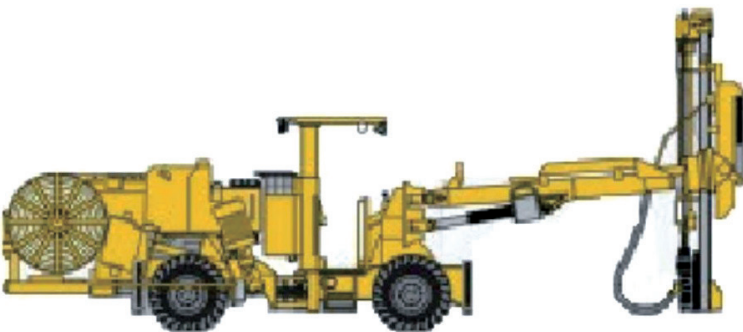


PRODUCT INTRODUCTION

It's special construction equipment mainly suitable for the installation, reinforcement, and mesh affixing operations of steel arch within tunnels.  
in addition, it can provide the aerial work platform for the charge, auxiliary scaling, anchor rod installation, and ventilation duct operations.

MAIN SPECIFICATIONS

Item	Unit	TGC1300
Total Weight	t	34
Minimum Turning Radius	mm	10800
Engine Power	kW	120
Maximum Installation Height of Main Boom Support	m	13
Maximum Installation Width of Main Boom Support	m	9
Lifting Load of Auxiliary Boom Support	kg	700
Maximum Installation Height of Auxiliary Boom Support	m	12.5
Maximum Installation Width of Auxiliary Boom Support	m	17



PRODUCT INTRODUCTION

This anchor rod jambo is mainly applicable for the mine roadways and traffic tunnels. It can realize the full-mechanized operation for three processes, namely drilling, anchor rod installation, and grouting or cartridge charging.

MAIN SPECIFICATIONS

Item	Unit	Parameter
Operating Range	mm	2400×1300
Anchor Length	mm	1500-6000
Overall Dimensions	mm	14200×2500×3000
Total Weight	t	30
Impact of Power	kW	13
Installed Power	kW	63
Engine Power	kW	120



PRODUCT INTRODUCTION

As a special equipment developed for underground excavation of subway tunnel projects, this product is suitable for the operations under soft soil, sandy gravel, and decomposed rock stratum. -Featuring high efficiency and environmental-friendliness, compact structure, and high mobility and flexibility, this product can effectively substitute the manual operations and remarkably improve the working efficiency.

MAIN SPECIFICATIONS

Item	Unit	TWZ260D	TWZ180D
Working Range(L×W×H)	m <sup>2</sup>	6×6	4×4
Adaptive Tunnel Property	/	Soft soil, sandy gravel, weathered stone, etc	Soft soil, sandy gravel, weathered stone, etc
Outline Dimension(L×W×H)	m	10.2×2.2×2.65	9.9×2.1×2.6
Weight	kg	26000	18000
Total Installed Power	kW	90	90
Milling Head Power	kW	45	45
Working Area	m <sup>2</sup>	32	14





PRODUCT INTRODUCTION

It's mainly suitable for the tunnel construction.

It can be equipped with diversified attachments, including crushing head, milling head, quick change device, and tunnel bucket, to realize multi-functionality.

This product adopts the high pressure common rail fuel injection and exhaust gas recirculation technologies and meets the China-III emission standard, featuring high torque at low speed, strong power, and high firmness and durability.

MAIN SPECIFICATIONS

Item	Unit	XE400T
Operating Weight	kg	43500
Digging Tunnel Height	mm	5400-7000
Overall Length	mm	10940
Overall Width	mm	3190
Overall Height	mm	4315



PRODUCT INTRODUCTION

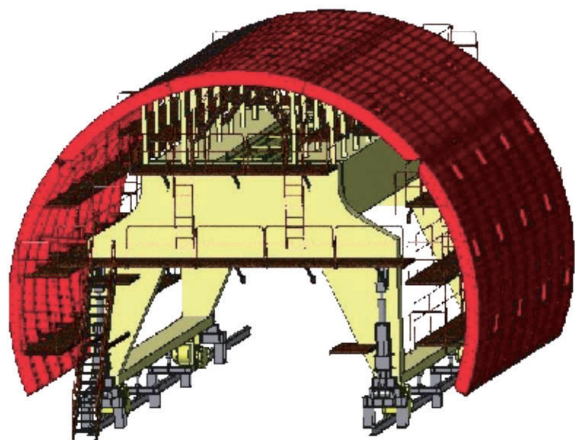
The down-hole drill is mainly suitable for the rock drilling in diversified projects, including mining, construction foundation excavation, water conservancy and power station, building material, transportation, and national defense construction.

The compact design reduces the quantity of electronic parts and eases the maintenances and troubleshooting.

The direct control system is applied to ensure simple operations.

MAIN SPECIFICATIONS

Item	Unit	Parameter
Drill Pipe Diameter	mm	76/89/102
Drill Pipe Length	mm	5000
Hole Depth With Automatic Change of Drill Pipe	mm	4500
Engine Rated Power	kW	328
Gradeability	°	20
Rotation Speed During Drilling	r/min	0-120
Weight	kg	21720

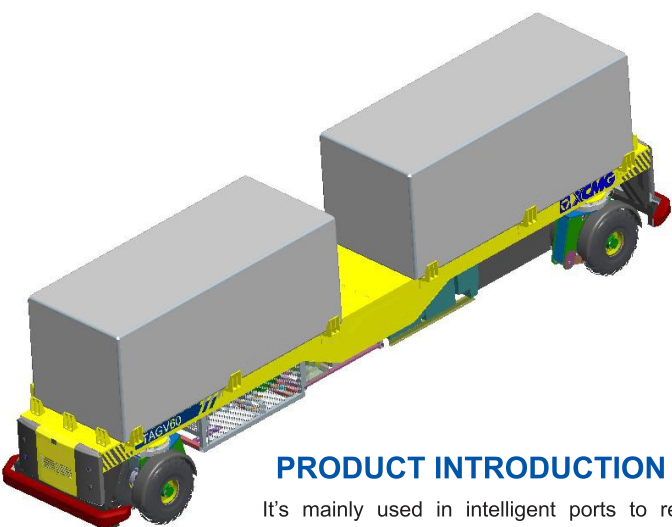


PRODUCT INTRODUCTION

This product is used for overall or partial concrete lining construction of tunnels. Featuring the advantages of high lined surface smoothness, fast lining construction, and high efficiency, this product is extensively applied in the construction of railway, road, and diversion tunnel projects.

MAIN SPECIFICATIONS

Item	Unit	Parameter
Traveling Mode	/	Railed type
Traveling Clear Space (Width × Height)	mm	3500×4500
Template Thickness	mm	10
Template Width	mm	1500/2000
Theoretic Lining Length Within One Working Cycle	mm	1200
Theoretic Pumping Displacement of Lining Concrete	m³/h	40
Pouring Time of Lining Concrete	h	8



PRODUCT INTRODUCTION

It's mainly used in intelligent ports to realize the automated transportation of containers and load the available ISO whole series containers.

This product incorporates the intelligent functions including unmanned driving, automated navigation, accurate positioning, route optimization, and safety obstacle avoidance.

MAIN SPECIFICATIONS

Item	Unit	Parameter
Rate Lifting Capacity	t	60
Total Weight of Main Machine	t	25
Ground Speed	km/h	20
Suitable For Container Size	m	20、2×20、30、40、45
Positioning Accuracy	mm	±20

# ELECTRIC UNDERGROUND SCRAPER



## PRODUCT INTRODUCTION

It can be used in most applications and is an ideal choice for building constructions, open-cast mining operations, and quarry operations. It can be used for transportation and operations easily in nearly all applications.

It features really easy operations and, thanks to easy accessibility to service points, really easy maintenances.

## MAIN SPECIFICATIONS

Item	Unit	TC4D	TC6D
Rated Loading Capacity	t	10	14
Rated Bucket Capacity	m³	4	5.4
Maximum Breakout Force	kN	200	220
Motor Power	kW	110	180
Outline Dimension(Length×width×height)	mm	9800×2540×2320	10910×2765×2550
Maximum Traveling Speed	km/h	23	16.6
Minimum Turning Radius(Inner/outer)	mm	3500/6680	3258/6858

# UNDERGROUND ARTICULATED DUMP TRUCK



## PRODUCT INTRODUCTION

Developed for the digging and transportation of underground mines, this product is a transportation equipment powered by diesel engine and equipped with hydro-mechanical drive, articulated frame, and traveling tires.

Featuring the advantages of high power performance, powerful trafficability, and high mobility, flexibility, universality, and economy, this product can be extensively applied in the underground mines with suitable conditions.

## MAIN SPECIFICATIONS

Item	Unit	DAM5U	DAM15U	DAM35U
Rated Loading Capacity	t	5	15	35
Engine Power	kW	66	160	315
Rated Bucket Capacity	m³	2.5	7.5	21
Maximum Traction Force	kN	60	165	370
Length	mm	5600	8300	10751
Width	mm	1400	2000	3327
Height	mm	2000	2400	3116
No-load Weight	kg	7000	15800	32000
Minimum Turning Radius(Inner Side)	mm	3410	4740	4065
Minimum Turning Radius(Outer Side)	mm	5180	7535	8757

## SELF-PROPELLED INVERTED ARCH TRESTLE



### PRODUCT INTRODUCTION

It's mainly used to solve the mutual interference problems among the constructions of tunnel faces, inverted arches, and secondary linings in the tunnel construction.

The construction assisted by the self-propelled inverted arch trestle can improve the mechanized level and working efficiency of the tunnel construction and reduce the construction cost.

### MAIN SPECIFICATIONS

Item	Unit	
Rated Load Capacity	t	60
Center Distance of Longitudinal Beam	m	4.5
Length of Longitudinal Beam	m	28
Wheelbase	m	21.99
Traveling Speed (No-load)	m/min	6
Gradeability	°	≤3%
Dead Weight of Machine	t	64

## BRIDGE ERECTING MACHINE



### PRODUCT INTRODUCTION

This machine is of single-boom simple support type and can mechanically traverse the girder segments in full amplitude to realize one-time proper placement of girder segments, featuring simple structure, light weight, high safety and reliability, high automation level, and easy transportation.

### MAIN SPECIFICATIONS

Item	Unit	TJ180	TJ180L	TJ180S
Rated Lifting Capacity	t	180	180	180
Total Weight of Main Machine	m³	150	150	190
Suitable Span	kN	≤32	≤32 (Railway) / ≤40 (Highway)	≤32
Erection Beam Piece	kW	≤30‰	≤25‰ (Railway) / ≤50‰ (Highway)	≤30‰
Bridging Speed	mm	1.5	1	1
Via Hole Speed For Complete Vehicle	km/h	5	3	3
Outline Diamenson(L×W×H) of Complete Vehicle	mm	58.2×4.2×8.4	75.3×6.7×8.4	71×6.7×7.7



# BRIDGE ERECTING MACHINE



## PRODUCT INTRODUCTION

It's applicable for the erection of 20m, 24m, and 32m single-line full-span box girders and double-line paralleling girders for ≤550t dedicated passenger railways and works with girder transporter to complete the erection of girders.

It features the extensive working condition adaptability and high safety and reliability.

## MAIN SPECIFICATIONS

Item	Unit	TJ550	TJ900
Rated Lifting Capacity	t	550	900
Total Weight of Main Machine	t	436	530
Suitable Span	m	≤32	32、24、20
Erection Beam Piece	/	≤30‰	20‰
Bridging Speed	h/film	4	4
Via Hole Speed For Complete Vehicle	m/min	3	3
Outline Diamention(L×W×H) of Complete Vehicle	mm	80700×9000×12500	59300×17100×12500

# RAILED GIRDER TRANSPORTER



## PRODUCT INTRODUCTION

It's used for the transportation of diversified T-girder segments and rail sections in standard gauge railway projects (1,435mm).

It works with 180t road/railway two-purpose bridge-erecting machine to realize the feeding function of girders and rails

## MAIN SPECIFICATIONS

Item	Unit	TY180G
Rated Loads	t	180
Self-weight	t	38
Minimum Radius of Curvature	m	180
Maximum Gradeability By Oneself	/	20‰
No Load of Self-speed	km/h	11
Heavy-load of Self-speed	km/h	6
Outline Dimension(L×W×H) of Complete Vehicle	mm	17400×2600×1690
Complete Vehicle Power	kW	120

# GIRDER TRANSPORTER



## PRODUCT INTRODUCTION

It's suitable for the transportation of 20m, 24m, and 32m full-span box girders for ≤ 550t dedicated passenger railways.

It works with bridge-erecting machine to complete the erection of girders.

It's applicable for the transport operations for the transfer of bridge-erecting machine.

## MAIN SPECIFICATIONS

Item	Unit	TY550
Rated Loads	t	550
Applicable Gradient	‰	30
Total Weight of Main Machine	t	180
No-load Traveling Speed	km/h	0-10
Heavy-load Traveling Speed	km/h	0-5
Diesel Engine Power	kW	400

# INVERTED GANTRY



## PRODUCT INTRODUCTION

It features high structural strength, convenient installation and transfer, and reliable working and lifting.

With extensive adaptability, it can realize the inversion of girder segments under diversified working conditions, including diversified tunnels, curves, and gradients. The multifunctional configuration is available to meet the customer's diversified working needs.

## MAIN SPECIFICATIONS

Item	Unit	TT180
Rated Lifting Capacity	t	2×90
Self-weight	t	23.5
Maximum Outline Dimension(L×W×H)	mm	3650×5500×6300
Full Loading Lifting(Lifted At The Same Time)of Lifting Speed	m/min	0.28
Full Load Dropped(Lowered At The Same Time)of Lifting Speed	m/min	0.45
Beam Lateral Moving Range	mm	±150
Power With Generator Set	kW	50

# WHEELED GIRDER LIFTER



## PRODUCT INTRODUCTION

TT900 girder lifter is designed and manufactured in response to the construction characteristics and requirements of high-tonnage prestressed concrete box girders for China's dedicated passenger railways.

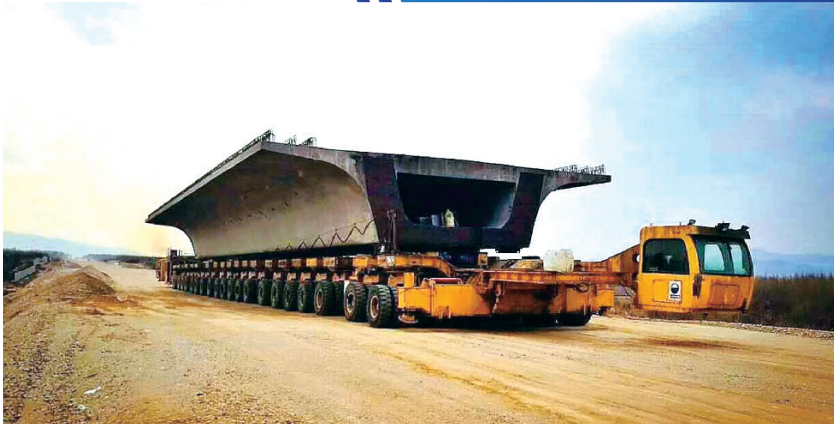
It's applicable for the in-site handling and installation of 32m, 24m, and 10m full-span box girders for 250~350km/h dedicated passenger railways.

It works with the girder transporter to complete the installation of full-span concrete box girders.

## MAIN SPECIFICATIONS

Item	Unit	TT900
Rated Lifting Load	t	900
Weight of Complete Machine	t	600
Traveling Speed	m/min	0-20(Heavy-load)/0-40(No load)
Lifting Speed	m/min	0-0.7(Heavy-load)/0-1.5(No load)
Lifting Height	m	12.5
Gradeability	/	20‰
Overall Dimensiong of Complete Machine	m	45.5×30.5×17.5

# GIRDER TRANSPORTER



## PRODUCT INTRODUCTION

The machine adopts the feeding of girders at designated points and the double mobile girder trolleys carry the load and the active control can be realized. The front and rear full-vision cab can rotate by 90° and the two operations are interlocked.

## MAIN SPECIFICATIONS

Item	Unit	TY900	TY900S	TY1000
Rated Load Capacity	t	900	900	1000
Gross Weight	t	300	360	360
Minimum Turning Radius	m	≥28	≥36	≥35
Speed	km/h	0-13(under no-load condition)/ 0-5 under full-load condition	0-12(under no-load condition)/ 0-5 under full-load condition	0-13(under no-load condition)/ 0-5 under full-load condition
Gradeability	/	5%for longitudinal slopes and 4%for lateral slopes	5%for longitudinal slopes and 4%for lateral slopes	5%for longitudinal slopes and 4%for lateral slopes
Power	kW	400×2	400×2	330×2+160
Overall Dimensions	mm	43500×6900× (3626±300)	53130×6900× (2000±300)	51900×6900× (3626±300)



PRODUCT INTRODUCTION

TT series tyre carrier is applicable to the transportation of steel structural parts and precast concrete parts. Since the tyre travel meets the construction requirements of high span and large slope, the carrier is a preferred equipment for bridge transportation, construction and erection.



MAIN SPECIFICATIONS

Item	Unit	Parameter
Rated Lifting Capacity	t	50-260
Lifting Height	m	≤15
Lifting Speed	m/min	Heavy load 0-3, light load 0-6
Cart Side Distance	mm	±1500
Running Speed	km/h	0-50
Steering Angle	°	-5°-95°
Gradeability	‰	Heavy load 40, light load 50
Adaptive Cross Slope	‰	30



PRODUCT INTRODUCTION

It's used for the transportation of segmental girders or large parts. It mainly works with TJP series segmental girder bridge-erecting machine to complete the bridge erection operations. The customized design and the integral transportation of segmental girders guarantee the safety and reliability of box during transportation. This machine is applied with static-hydraulic closed-loop drive, full-hydraulic suspension system, and full-hydraulic independent steering and is hydraulically lifted and lowered by automatic adjustment.

MAIN SPECIFICATIONS

Item	Unit	TJY100	TJY150	TJY200
Standard Load	t	100	150	200
Self-weight	t	28	40	48
Full Load Maximum Speed	km/h	5	5	5
No-load Maximum Speed	km/h	15	15	15
Maximum Climbing Ability Vertical/cross Slope	‰	50/20	50/20	50/20
Minimum Height	mm	1600	1600	1600
Turning Radius	mm	5700	6200	7250



# SEGMENTAL GIRDER BRIDGE-ERECTING MACHINE



## PRODUCT INTRODUCTION

It's used for the assembling and erection of full-span box girder segments in large spans.  
It's suitable for the erection of upslope, downslope, and inclined bridges to guarantee the erection quality and construction safety of the bridges.

## MAIN SPECIFICATIONS

Item	Unit	Parameter
Lifting Crane Lift	m	22
Rated Weight	kN	≤100
Maximum Working Slope:vertical Slope/cross Slope	‰	50/20
Adapt To The Minimum Curve Radius	m	600
Through Hole Runs Fast	m/min	0-3.8
Beam Speed	d/Span	4
Machine Installed Capacity	kW	146
Machine Weight	t	254

# ROAD-BED SOLIDIFICATION MACHINE

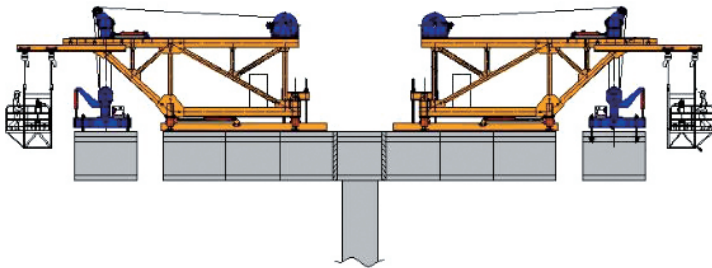


## PRODUCT INTRODUCTION

This product can be used for the road-bed solidification of new heavy-duty and high-speed railways and traditional ballast railways to improve the overall performance of lines and meet a series of requirements, including high-speed, heavy-duty, noise reduction, and reduced maintenance works and costs for the railways.

## MAIN SPECIFICATIONS

Item	Unit	
Heating Air Maximum Temperature	℃	400
Dehumidifying Fan Power	kW	22
Abmaterial Mixing Pressure	Mpa	2~24
Mixing Head Flow	mL/s	150-450
Measurement Error	%	≤±0.5
Material Temperature Control	℃	±2



PRODUCT INTRODUCTION

It's applicable for the cantilever installation of prestressed concrete segmental girders. It slides forward longitudinally along the girder top by self, hangs on the constructed girder segments by anchorages, and lifts the girder segments and complete the installation by own overhead traveling crane.

MAIN SPECIFICATIONS

Item	Unit	Parameter
Rate Lifting Capacity	t	60-1200
Longitudinal/transverse Gradient	%	±5/5
Dynamic Conditions	V/Hz	380/50
Hoisting Height of Crane	m/min	0-3
Crane Spreader Rotation	°	360

MINING  
MACHINERY

- Mining Excavator
- Electric Drive Dump Truck
- Mechanical Drive Dump Truck
- Articulated Dump Truck
- Electric Drive Sprinkler

# MINING EXCAVATOR



## PRODUCT INTRODUCTION

Electric control and turbocharged mining engine has sufficient power.Positive control flow hydraulic system is high efficient and energy saving.Hydraulic cushion technology can realize realtime protection for crawler during travel.Closed-center hydraulic control system is more stable and energy saving.Channels are designed conveniently and easy to maintain. BE type mining heavy-load working device.

## MAIN SPECIFICATIONS

Item	Unit	XE1250	XE2800E	XE3000	XE4000	XE7000
Operation Weight	Kg	115000	280000	285000	380000	672000
Bucket Capacity	m³	5.2-7	14-17	14-17	20-22	30-36
Rated Net Power	kW/rpm	567/1800	1200/1490	1193/1800	1491/1800	2×1193/1800
Bucket Digging Force	kN	597	790	790	1159	2270
Max. Digging Depth	mm	8110	8630	8630	8340	3800

# ELECTRIC DRIVE DUMP TRUCK



## MAIN SPECIFICATIONS

Item	Unit	XDE130	XDE200	XDE240
Payload	kg	120000	180000	220000
Total Weight	kg	202000	320000	385000
Max Speed	km/h	50	56	56
Rated Power	kW hp/rpm	970 1301/2100	1510 2025 /1800	1864 2500/1800
Max Grade Ability	%	20	18	17

Item	Unit	XDE320	XDE400
Payload	kg	300000	360000
Total Weight	kg	510000	620000
Max Speed	km/h	64.5	50
Rated Power	kW hp/rpm	2014 2700 /1800	2800 3750 /1800
Max Grade Ability	%	18	18

# MECHANICAL DRIVE DUMP TRUCK



## PRODUCT INTRODUCTION

The whole machine adopts 6×6 wheels drive. Friction plate differential is adopted between axles and between wheels. Full hydraulic self-cooled and wet disc brake system assisted with engine brake, hydraulic retarder brake. Intelligent detection alarm system. Emergency stop buttons are installed inside and outside of the machine, one-click central fire extinguishing system can be installed optionally. The automatic lubrication system is adopted and centralized filling system is optional.

## MAIN SPECIFICATIONS

Item	Unit	XDM100
Payload	kg	91000
Total Weight	kg	158000
Max Speed	km/h	48
Rated Power	kW hp/rpm	783 1050 /2100
Max Grade Ability	%	30

# ARTICULATED DUMP TRUCK



## PRODUCT INTRODUCTION

Global first open-pit articulated dump truck adopts AC electric drive technology. Six-wheel independent drive/ brake technology can realize electric-hydraulic brake and thus adapts to complicated road conditions. Drive motor adopts water cooling system, which has high cooling efficiency and low oil consumption. Stepless speed regulation is full-automatic, the traction performance is good, operation is smooth and manipulation is convenient.

## MAIN SPECIFICATIONS

Item	Unit	XDA40	XDA60E
Payload	kg	39000	60000
Total Weight	kg	73000	112000
Max Speed	km/h	60	40
Rated Power	kW hp/rpm	350/1800	503/1800
Max Grade Ability	%	45	26





PRODUCT INTRODUCTION

Adopt AC drive technology to reduce system maintenance workload and improve machine's gradeability. Possess the functions of dust reduction, firefighting, muck pile flushing, industrial water transmission, etc. Adopt lightweight water tank to improve fuel economy. Adopt new remote point-touch fire water monitor featured with convenience and flexibility. Adopt advanced antirust treatment to effectively prolong the service life of water tank.

MAIN SPECIFICATIONS

Item	Unit	XDE100S
Payload	kg	100
Total Weight	kg	190000
Max Speed	km/h	50
Rated Power	kW hp/rpm	899 1205\1800
Max Grade Ability	%	20

HEAVY TRUCK & SPECIAL PURPOSE VEHICLE

- Heavy Truck
- Elevating Fire Truck
- Bridge Inspector



PRODUCT INTRODUCTION

As the product with great concentration to develop, the tractor is the most successfully products among Chinese truck industry. In terms of technology, we cooperate with international cutting-edge technology, and equip with the most advanced and intelligent manufacturing system, Which lead to higher safety, comfortability, reliability and economy efficiency, the products are standing out in the Chinese high-end logistics market.

MAIN SPECIFICATIONS

Drive Form		6×4			
Cab		G9	G7		
Engine Power(HP)		500/530	371	430	375/430/460/500/530
Emission Standard		Euro V	Euro II	Euro III	Euro V
Transmission	Manual	12/16	9/12	12/16	12
	Auto	AMT		AMT	

Drive Form		6×4			4×2
Cab		G5	T		G9
Engine Power(HP)		350	371	380	430
Emission Standard		Euro V	Euro II	Euro III	Euro V
Transmission	Manual	10/12	9/12	9/12	12
	Auto				

Drive Form		4×2			
Cab		G7		G5	T
Engine Power(HP)		375	350/375/430	240/270/310/350	270/380
Emission Standard		Euro III	Euro V	Euro V	Euro III
Transmission	Manual	12/16	12/16	8/9/10/12	9/12
	Auto	AMT			

# DUMP TRUCK



## MAIN SPECIFICATIONS

Drive Form	6×4			
Cab	G7			G5
Engine Power(HP)	371/420	336/340	370/430	300/380
Emission Standard	Euro II	Euro III	Euro V	Euro V
Transmission	9/10/12	9/10/16	10/12	10
Container Volume (m³)	9-24	9-24	9-24	9-21

Drive Form	6×4			8×4
Cab	T			G7
Engine Power(HP)	371	340/380	310/350	350/375/430
Emission Standard	Euro II	Euro III	Euro V	Euro V
Transmission	9	10/12	10/12	10/12
Container Volume (m³)	9-24	9-24	9-24	10-40

Drive Form	8×4			
Cab	G7	G5	T	
Engine Power(HP)	371	245/270/300/310/350		371 380
Emission Standard	Euro II	Euro V	Euro II	Euro III
Transmission	10	8/10	9/12	9/12
Container Volume (m³)	10-40	10-28	13-28	13-28

## PRODUCT INTRODUCTION

The dump trucks are equipped with Weichai and Sinotruk engine, Fast transmission, Hande axle, which are the most successful brand in each field. The horsepower is from 220HP to 430HP to meet multiple demands. Key assembly components are optimized by CAE analysis and verifications, such as parts bench test, vehicle bench reliability test and enhanced pavement test, which have dramatically improved the service lifetime and reliability, and the trucks can be applied to various working conditions.

MIXER TRUCK



PRODUCT INTRODUCTION

We highlight product design and keep optimizing technology based on in-depth research on actual demand of mixer market. We promote differential “tailored” solutions for customers to achieve their demands of lightweight and practicability closely.

MAIN SPECIFICATIONS

Drive Form	4×2	6×4		
Cab	G5	G7		
Engine Power(HP)	180	350	336	371
Emission Standard	Euro V	Euro V	Euro III	Euro II
Transmission	8	9	9/16	10
Container Volume (m³)	4/6	10/12/14	10/12	8/9/10/12

Drive Form	6×4			8×4	
Cab	G5	T		G7	G5
Engine Power(HP)	270/300/350/380	310/350	371	375	300/350
Emission Standard	Euro V	Euro V	Euro II	Euro V	Euro V
Transmission	8/9	9	9	9	8/9
Container Volume (m³)	6/8/10	8/9/10/12	8/9/10/12	16/18	8/10/12





PRODUCT INTRODUCTION

The horsepower is from 160HP to 350HP and the trucks are provided an engine covering 4L, 6L, 7L and 10L, with strong power and outstanding quality. Cab is designed with sufficient functional configuration and large storage space. With favorable man-machine engineering design, our trucks could provide better operation experiences. The interiors are packaged with leather, covering part is featured by comfortable feeling, strong light absorption and less sight interference and visual fatigue .Different kinds of containers available to meet customers different demands.

MAIN SPECIFICATIONS

Drive Form	4×2
Cab	G5
Engine Power(HP)	160/180/200/220/240/260/270
Emission Standard	Euro V
Transmission	6/8/9
Container Volume (m³)	6.8/7.8/8.6/9.6

Drive Form	8×4	
Cab	G5	G7
Engine Power(HP)	300/310/350	310/350/375/400/430/460
Emission Standard	Euro V	Euro V
Transmission	9/12	12/16
Container Volume (m³)	9.6	9.5



PRODUCT INTRODUCTION

XCMG, as a flagship brand of Chinese engineering and special-purposed trucks, is on an unshakable dominant position in hoisting machinery field, adopts the unique “1+1 > 2”strategy and “chassis + assembly” manufacturing mode to achieve our distinct competitive strength. Meanwhile, by applying deeper understanding of market and combining with the most advanced manufacturing technology, XCMG will be the most competitive product of the industry.

MAIN SPECIFICATIONS

Drive Form	4×2	6×4	8×4	
Cab	G5	G5	G5	
Engine Power(HP)	160/180/200	240/360/270	270/310/350	270
Emission Standard	Euro V	Euro V	Euro V	Euro III
Transmission	6/8	8/9	9/10/12	9
Container Volume (m³)	3.2-8	10/12	12/14/16	12/14/16



# OFF-HIGHWAY DUMP TRUCK



## PRODUCT INTRODUCTION

We have fully considered the customer demands and finalize the configuration after thousands of high-strength industrial assessments in different construction environments. Approved by national military field testing and TUV certification, the performance is highly adaptive to all complex working conditions that cannot be coped with by traditional dump truck. Our trucks are widely used for surface mining, water conservancy construction, short-distance transportation, removing mountains for filling seas or other construction projects.

## MAIN SPECIFICATIONS

	50T		70T	
Drive Form	4×2	6×4/6×6	6×4	
Cab	LHD/RHD	LHD/RHD	LHD/RHD	LHD/RHD
Engine Power(HP)	310/340	340/380	375/420	380
Emission Standard	Euro II	Euro II	Euro II	Euro III
Transmission	9manual/6auto	9manual/6auto	7/9manual/6auto	7/9manual/6auto
GVW(t)	46/54	47/55	65	65
Container Volume(m³)	18	21	29	29

	80T		90T
Drive Form	6×4/6×6	6×4	6×4
Cab	LHD/RHD	LHD/RHD	LHD/RHD
Engine Power(HP)	420	430	430/460
Emission Standard	Euro II	Euro III	Euro III
Transmission	9manual/6auto	9manual/6auto	7/9manual/6auto
GVW(t)	76	76	90
Container Volume(m³)	31	31	36



## WATERING CART



### PRODUCT INTRODUCTION

XCMG keeps improving the trucks in design, parameter matching, manufacturing and reliability constantly to achieve personalized demands. We adopt water-tolerant iron red epoxy primer and the matching curing agent and diluents according to site working conditions and spray paint in accordance with high standard after surface treatment of water tank, we control the flow with diesel powered fire pump and high-configuration servo system, to ensure spraying evenly.

### MAIN SPECIFICATIONS

Drive Form	50T		90T	
	4×2	6×4	6×4	
Cab	LHD/RHD	LHD/RHD	LHD/RHD	LHD/RHD
Engine Power(HP)	340/375	380	375	380
Emission Standard	Euro II	Euro III	Euro II	Euro III
Transmission	9manual/6auto	9manual/6auto	9manual/6auto	9manual/6auto
Tank Volume (m³)	25/30	25/30	40	40

## E TRUCK



### PRODUCT INTRODUCTION

The E-truck is developed based on marketing survey and analyzed the national and overseas industry trends. The structures are optimized systematically to achieve lightweight and to improve cost efficiency. The cab has elegant appearance, and the operating layout is based on the excellent man-machine engineering design, which conduce to higher comfortability and better driving experiences.

### MAIN SPECIFICATIONS

Item	E300 Compression Refuse Truck	E300 Cargo Truck
Drive Form	6×4	6×4
Battery(kW.h)	94.464	94.464
Charge Method	DC/AC	DC/AC
Driving Motor (Kw)	60/75	60
Loading Copacity(Kg)	2000	4100
Effective Volume(m³)	6	17.679
Endurance Mileage(Km)	200	240
Charging Time (h)	2/15	2/15



# LOG TRUCK



## PRODUCT INTRODUCTION

The log truck is equipped with Weichai 420 horsepower large-torque engine, Fast 9/16 gearbox, Benz flat axle, brake sprinkler system and hydrodynamic retarder for optional, this perfect matching guarantees our trucks have superior performance and becomes the ideal option of logging transportation.

## MAIN SPECIFICATIONS

Drive Form	8×4	6×4
Cab	G7	G7
Engine Power(HP)	420	420
Emission Standard	Euro II	Euro II
Transimission	9/16	9/16
Loading Capacity(t)	50	60

# AERIAL PLATFORM FIRE TRUCK



## PRODUCT INTRODUCTION

Centralized lubrication system is available.Limit position buffer function for the super-structure contributes to smooth boom movements. After used for many years of fire-fighting and rescue work, good reputation is gained from customers. Constant pressure system with electromagnetic proportional control contributes to fast response to operations at height and excellent fine control.

MAIN SPECIFICATIONS

Item	Unit	DG100	DG88
Total Vehicle Curb Weigh	kg	64400	52650
Max. Net Power	kW	405	350
Rated Working Height	m	100	88
Rated Load on Platform	kg	400	400
Max.working Radius	m	27	25
Dimension (L×H×W)	m	17×3.96×2.55	15.94×4×2.5

Item	Unit	DG72M1	DG34M1
Total Vehicle Curb Weigh	kg	47060	25950
Max. Net Power	kW	350	325
Rated Working Height	m	72	34
Rated Load on Platform	kg	400	400
Max.working Radius	m	25	21
Dimension (L×H×W)	m	14.92×4×2.5	12.35×4×2.5

Item	Unit	DG34M2	DG45M1
Total Vehicle Curb Weigh	kg	26850	34750
Max. Net Power	kW	324	350
Rated Working Height	m	34	45
Rated Load on Platform	kg	400	500
Max.working Radius	m	21	23
Dimension (L×H×W)	m	12.35×4×2.5	11.75×4×2.5

MAIN SPECIFICATIONS

Item	Unit	DG54M1	DG54K1
Total Vehicle Curb Weigh	kg	36050	33150
Max. Net Power	kW	350	320
Rated Working Height	m	54	54
Rated Load on Platform	kg	500	500
Max.working Radius	m	25	22
Dimension (L×H×W)	m	11.76×4×2.5	11.64×4×2.55

Item	Unit	DG32K2	DG22C2
Total Vehicle Curb Weigh	kg	17950	15100
Max. Net Power	kW	206	149
Rated Working Height	m	32	22
Rated Load on Platform	kg	500	300
Max.working Radius	m	18~20	14
Dimension (L×H×W)	m	9.67×3.88×2.5	10.19×3.8×2.49

# WATER AND FOAM TOWERS FIRE TRUCK



## PRODUCT INTRODUCTION

The motion mechanism adopts the electric control hydraulic drive, which makes the truck has the features of simple operation, flexible movement, safe and reliable, practical work and so on. Using the computer automatic control limit position deceleration and stop, so the operation is fast, effort, convenient and stable, and has a large speed range, good fine motion, accurate action. The effective coordination of straight telescopic boom + folding jib has excellent highlevel cross-barrier capability, with wider operation range than the crank jib type fire-fighting truck.

## MAIN SPECIFICATIONS

Item	Unit	JP80	JP72S3	JP72S5
Total Vehicle Curb Weigh	kg	38110	39400	37450
Max. Net Power	kW	320	350	397
Rated Working Height	m	80	72	72
Power Density	-	7.5	7.2	9.3
Max.working Radius	m	26	28	33
Dimension (L×H×W)	m	12.92×4×2.5	12.93×3.92×2.5	13.4×4×2.5

Item	Unit	JP62S1	JP62S2	JP42C1
Total Vehicle Curb Weigh	kg	34100	34400	24800
Max. Net Power	kW	397	397	325
Rated Working Height	m	62	62	42
Power Density	-	9.5	9.3	10
Max.working Radius	m	36	36	21
Dimension (L×H×W)	m	12.78×3.89×2.5	12.78×3.93×2.5	12×3.99×2.5

Item	Unit	JP32C1	JP32C4	JP25C2
Total Vehicle Curb Weigh	kg	23530	23850	20900
Max. Net Power	kW	325	276	276
Rated Working Height	m	32	32	25
Power Density	-	10	8.4	8.5
Max.working Radius	m	22	19	13
Dimension (L×H×W)	m	11.47×3.92×2.5	11.8×4×2.5	11.6×3.87×2.5

MAIN SPECIFICATIONS

Item	Unit	JP20C1	JP20C2
Total Vehicle Curb Weigh	kg	19650	17900
Max. Net Power	kW	350	274
Rated Working Height	m	20	20
Power Density	-	8.6	8.5
Max.working Radius	m	12.5	12
Dimension (L×H×W)	m	11.4×3.91×2.5	10.62×3.88×2.5

Item	Unit	JP20C4	JP19C1
Total Vehicle Curb Weigh	kg	20750	24200
Max. Net Power	kW	324	320
Rated Working Height	m	20	19
Power Density	-	7.9	10.3
Max.working Radius	m	12.5	15
Dimension (L×H×W)	m	11.99×3.83×2.5	10.43×3.9×2.48

AERIAL LADDER FIRE TRUCK



PRODUCT INTRODUCTION

It is designed to focus on rescue at height. It also has the fire-fighting function. It features of fast and efficient rescue, Maneuverability. four-section high strength ladder with irregular cross sections has great bearing capacity; 18 safety protection devices.

MAIN SPECIFICATIONS

Item	Unit	YT53M1	YT32M1	YT32M2
Total Vehicle Curb Weigh	kg	29850	23160	23720
Max.travel Speed	km/h	≥100	≥95	≥100
Max. Net Power	kW	320	320	324
Max.working Radius	m	18	22	22
Dimension (L×H×W)	m	12.2×4×2.5	11.38×3.88×2.5	11.45×3.81×2.5



MULTI-FUNCTIONAL FIRE TRUCK



PRODUCT INTRODUCTION

It equipped with high-power electricity generation and lighting system, traction system, as well as rescue, emergency and protection equipment,which is the first choice for accident such as fire, traffic accident, building collapse, earthquake and person in danger in public houses, residential buildings and shopping malls.

MAIN SPECIFICATIONS

Item	Unit	PM50F2	AP50F1	AP50F2
Total vehicle weight	kg	15900	15800	15900
Max. Travel Speed	km/h	≥95	≥90	≥90
Max. Net Power	kW	245	213	245
Power Density		15.4	13	15
Dimension (L×H×W)	m	8.99×3.81×2.5	8.96×3.57×2.5	8.99×3.81×2.5

WATER TANK FIRE TRUCK



PRODUCT INTRODUCTION

The product not only has low-pressure large-flow fire fighting ability, to meet the fire fighting in cities, mines, factories,wharves, especially logistics and warehousing, but also can be equipped with elevating fire truck, coupled operation to meet the fire fighting needs of high-rise buildings.

MAIN SPECIFICATIONS

Item	Unit	SG250F2/PM250F2	SG230F1/PM230F1	SG80F2/PM80F2	SG20
Total vehicle weight	kg	41700	39700	19100	6500
Max. Travel Speed	km/h	≥95	≥85	≥100	≥90
Max. Net Power	kW	324	397	245	80
Dimension (L×H×W)	m	11.98×3.57×2.5	11.66×3.54×2.5	8.48×3.53×2.5	6.13×2.65×1.98

## LONG DISTANCE WATER SUPPLY FIRE TRUCK



### PRODUCT INTRODUCTION

Pumper fire fighting vehicle is mainly made up of boom truck crane unit, water suction pump unit, supercharging pump unit and chassis. It mainly helps water supply system suck up water and supercharge, provides pressurized water source for fire trucks. Hose laying fire fighting vehicle mainly consists of hydraulic system, electric system, water hose retracting device, water hose compartment, water hose, chassis and hook arm.

### MAIN SPECIFICATIONS

Item	Unit	BP400/DF20
Total Vehicle Curb Weight	kg	33050
Engine power	kW	235
Max. lifting load moment	t	35
Dimension (L×H×W)	m	11.93×3.94×2.5

## EMERGENCY RESCUE FIRE TRUCK



### PRODUCT INTRODUCTION

The truck is flexible and is equipped with powerful rescuing function, applicable for all kinds of road accident, urban emergent public accident and accidents in all kinds of chemical sites.

### MAIN SPECIFICATIONS

Item	Unit	JY230F2	JY120F1
Total Vehicle Curb Weight	kg	12150	11450
Max. Travel Speed	km/h	≥100	≥90
Max. Net Power	kW	245	213
Dimension (L×H×W)	m	8.5×3.64×2.5	8.88×3.4×2.5

# BRIDGE INSPECTION TRUCK



## PRODUCT INTRODUCTION

Bridge inspection truck is a special vehicle, which supply work platform for person while working, it can be equipped with bridge detector, used for mobile inspection and maintenance work. Bridge inspection truck can be divided into bucket type and under-bridge access equipment type according to working equipment.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5251JQJC4 XZJ5251JQJC5	XZJ5312JQJC4	XZJ5315JQJC4 XZJ5315JQJC5
Total Weight of Unit	kg	25000	31000	32000
Max. Horizontal Working Range	m	14/18	16/18	22.3
Max. Overcoming Barrier	m	2.3	2.3	4.7
Max. Payload of Platform	kg	800	1000/800	800
Dimension (L×H×W)	mm	12320×3990×2500	12050×3995×2500	12800×4000×2500

Item	Unit	XZJ5318JQJC4 XZJ5318JQJC5	XZJ5320JQJF4	XZJ5321JQJF4
Total Weight of Unit	kg	32000	32000	32000
Max. Horizontal Working Range	m	25	22.3	25
Max. Overcoming Barrier	m	4.8/5.4	4.7	4.8/5.4
Max. Payload of Platform	kg	800	800	800
Dimension (L×H×W)	mm	13045×3994×2500	12800×4000×2500	13045×3994×2500

Item	Unit	XZJ5322JQJF4 XZJ5315JQJF5	XZJ5323JQJF4 XZJ5318JQJF5	XZJ5310JQJC5
Total Weight of Unit	kg	31000	32000	31000
Max. Horizontal Working Range	m	20.6	22.2	22
Max. Overcoming Barrier	m	4.8/5.4	4.8/5.4	5.0
Max. Payload of Platform	kg	800	800	800
Dimension (L×H×W)	mm	12970×4000×2500	12970×4000×2500	12420×4000×2500





# AERIAL WORK PLATFORM

- Telescopic Boom Lifts
- Articulating Boom Lifts
- Scissors Series







PRODUCT INTRODUCTION

Outstanding Performance of Operation; Excellent Off-Road Performance; Better Adaptability to Poor Construction Environment; Excellent Working Range; Super-strong Capacity of Climbing Drive; Flexible Driving And Steering Mobility

MAIN SPECIFICATIONS

Item	Unit	GTBZ22S	GTBZ26S	GTBZ30S
Total Weight	kg	12500	16600	18300
Rated Power	kW/(r/min)	43/(2600)	53/(2200)	55.5/(2400)
Max. Tail Wagging	mm	1550	1400	2085/1430
Dimension (L×H×W)	m	10.15×2.8×2.49	12.1×3.05×2.49	13.38×3.07×2.49

Item	Unit	GTBZ32S	GTBZ38S
Total Weight	kg	18400	20600
Rated Power	kW/(r/min)	55.5/(2400)	55.5/2400/(63/2600)
Max. Tail Wagging	mm	2085/1430	2085/1430
Dimension (L×H×W)	m	14.3×3.07×2.49	14.06×3×13.8

Item	Unit	GTBZ42S	GTBZ58S
Total Weight	kg	21900	27200
Rated Power	kW/(r/min)	55.5/(2400)	74.4/(2300)
Max. Tail Wagging	mm	2390/1725	2320
Dimension (L×H×W)	m	14.95×3.05×13.8	19.45×3.05×2.49



PRODUCT INTRODUCTION

- Strong road adaptability
- Accurate and efficient operation
- Compactness and flexibility
- Outstanding extending capacity and working range
- Superexcellent maneuverability
- Industry’ s highest fuel economy

MAIN SPECIFICATIONS

Item	Unit	GTBZ14	GTBZ14J	GTBZ14JD
Total Weight	kg	6800	6900	6500
Rated Power	kW/(r/min)	38/(3000)	38/(3000)	/
Wheel Base	mm	2100	2100	2010
Dimension (L×H×W)	m	5.78×2.13×2.26	6.69×2.13×2.26	6.42×2×1.75

Item	Unit	GTBZ18A1	GTBZ24A
Total Weight	kg	10600	17800
Rated Power	kW/(r/min)	38/(3000)	53(2200)/55.4(2600)
Max. Tail Wagging	mm	2500	3000
Dimension (L×H×W)	m	9.08×2.68×2.49	11.28×3×2.49



### PRODUCT INTRODUCTION

- Low noise and zero release
- Meeting individual demands
- Compact and flexible operation
- Convenient transportation and stable operation
- Environmental construction and convenient service
- General and modular design

### MAIN SPECIFICATIONS

Item	Unit	GTJZ0607(E)	GTJZ0808(E)	GTJZ1012(E)
Total Weight	kg	1520	2170	2940
Wheel Base	mm	1360	1877	1877
Max.Travel Platform Height	m	5.8	8	10
Dimension (L×H×W)	m	1.882×1.77×0.76	2.482×1.965×0.83	2.485×1.908×1.17

Item	Unit	GTJZ1212(E)	GTJZ1412(E)
Total Weight	kg	3140	3380
Wheel Base	mm	1877	2240
Max.Travel Platform Height	m	11.8	13.7
Dimension (L×H×W)	m	2.485×2.6/2.036×1.19	2.85×2.036×1.25



# SANITATION MACHINERY

- Compressed Garbage Truck
- Detachable Container Garbage Truck
- Compression Type Garbage Truck
- Kitchen Waste Collection Truck
- Sewage Tank Truck
- Closed Drum Garbage Truck
- Lifting Type Garbage Truck
- Mobile Station
- Vertical Station
- Landscape Type Station
- Horizontal Split Station
- Preloading Type Mobile Station
- Dustless Road Sweeper
- Wet Road Sweeper
- Dustless Road Sweeper
- Dry & Wet Road Sweeper
- Sprinkler Cleaning Truck
- Multifunctional Dust Suppression Vehicle
- Guardrail Cleaning Truck
- Road Maintenance Truck
- Sprinkler-sweeper Truck
- Water Spraying Truck
- Purely-electric Road Sweeping Machine
- Diesel Powered Road Sweeper



# COMPRESSED GARBAGE TRUCK



## PRODUCT INTRODUCTION

Compressing garbage truck is a kind of sanitation special vehicles designed for the collection of urban solid waste and other compressible waste, and it is made up of sealed dustbin, hydraulic system and the operating system. The sealing performance of the whole vehicle is better; all sewage is discharged into the sewage tank in the process of garbage compression, which thoroughly solved the problem of second pollution. Key components are imported, with the pressure, tightness, easy operation, safety, etc. There are after-loading garbage trucks compression and side mounted compression type garbage truck, after which the mounted compressed garbage truck hanging bucket optional collection device, a bucket collection device, arm collecting device, hanging CRC collection device, Users can select different collection means according to different needs.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5070ZYSQ5	XZJ5080ZYSB5	XZJ5080ZYSH5	XZJ5120ZYSD5
Tonnage	t	3	3	3	5
Max. Total Weight	kg	7300	8280	8280	12495
Carriage Volume	m³	6	6	6	10
Volume of Bucket	m³	1.1	1.1	1.1	1.75
Sewage Tank Volume(Main+vice)	L	200+85	200+85	200+85	350+228
Overall Dimension	mm	6365/6750/6645 ×1950×2400	6370/6755/6635 ×2040×2410	4730/5115/5030 ×1950×1830	7510/7860/7610 ×2470×2990

Item	Unit	XZJ5160ZYSD5	XZJ5161ZYSD5	XZJ5180ZYSD5	XZJ5250ZYSD5
Tonnage	t	8	8	8	12
Max. Total Weight	kg	15800	16000	18000	25000
Carriage Volume	m³	12.5	12.5	12.5	19
Volume of Bucket	m³	1.75	1.75	1.75	2.6
Sewage Tank Volume(Main+vice)	L	350+228	350+228	350+228	360+228
Overall Dimension	mm	8405/8500 ×2470×2965	8330/9230 ×2500×2990	8405/8550 ×2500×2965	10115×2500× 3380/3600/3690

Item	Unit	XZJ5160ZYSH5	XZJ5030ZYSA5	XZJ5070ZYSQ5	XZJ5070ZYSH5
Tonnage	t	8	1	3	3
Max. Total Weight	kg	15600	3495	7300	7360
Carriage Volume	m³	12.5	5.6	5.6	5.6
Water Tank Volume	L	/	32	/	/
Sewage Tank Volume(Main+vice)	L	350+228	38	130+30	130+30
Overall Dimension	mm	8170/8375/8520 ×2495×3070	4865 ×1630×2200	5505 ×1930×2650	5670 ×1910×2650

# DETACHABLE CONTAINER GARBAGE TRUCK



## PRODUCT INTRODUCTION

The detachable container garbage truck is a transport vehicle integrated functions like loading and unloading, conveyance as one. It uses arm device to implement rapid loading and unloading. The car can match multiple boxes, which significantly improve vehicle utilization, reduce waste and handling time in the process of vehicle return load. Small tonnage products are mainly used for collection and transportation of bulk garbage. Large-tonnage products, including 5-12 tons of products can be used for collection and transportation of bulk garbage and Small garbage station. The products more than 15 tons are generally used with large garbage station.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5021ZXXA5	XZJ5031ZXXA5	XZJ5030ZXXA5	XZJ5070ZXXQ5
Max. Lifting Capacity	kg	1000	1500	1500	3000
Max. Total Weight	kg	1800	3495	2840	6720
Curb Weight	kg	1220	1500	1230/1300	2940/2780
Rated Payload	kg	450	1865	1480/1410	3650/3810
Overall Dimension(L×W×H)	mm	4175×1520×1930	4370×1520×1940	4370×1520×1930	4820×1880×2200

Item	Unit	XZJ5160ZXXD5	XZJ5180ZXXD5	XZJ5120ZXXD5
Max. Lifting Capacity	kg	14000	14000	6000
Max. Total Weight	kg	15800	18000	12495
Curb Weight	kg	7150/7600	7300/7700	6450/6090
Rated Payload	kg	8455/8005	10505/10105	5850/6210
Overall Dimension(L×W×H)	mm	7230/6530x2490x3040	7230/6530x2490x3040	6540×2490×3040

Item	Unit	XZJ5250ZXXD5	XZJ5250ZXXZ5	XZJ5310ZXXZ5
Max. Lifting Capacity	kg	20000	20000	26000
Max. Total Weight	kg	25000	25000	31000
Curb Weight	kg	11680	11550	13800
Rated Payload	kg	13190/13125	13320/13255	17070
Overall Dimension(L×W×H)	mm	8350×2500×3140	8400×2500×3150	9270/9570×2500×3180

# COMPRESSION TYPE GARBAGE TRUCK



## PRODUCT INTRODUCTION

Compression type garbage truck is a kind of efficient sanitation vehicle special ly used for collecting and transferring garbage. It can avoid secondary pollution in the process of garbage collection, which is also the ideal equipment of urban sanitation work and one of the important development direction of the special purpose motor vehicle in China. There are two sets of self -unloading garbage trucks, the top open type and the totally enclosed type. The former one is mainly used for collecting garbage in bulk, which can also cooperate with large vertical garbage station like the detachable container garbage truck. The totally enclosed type of self -unloading garbage trucks is mainly used for small and medium-sized garbage station, acting as secondary transit vehicles which is an indispensable part of garbage transportation.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5021ZDJA5	XZJ5120ZDJD5	XZJ5160ZDJD5	XZJ5180ZDJD5
Max. Total Weight	kg	1800	12495	15800	18000
Crub Weight	kg	1370	6500	7805	7805
Rated Pay Load	kg	300	5800	7800	10000
Carriage Volume	m³	2.77	13.6	18	18
Overall Dimension(L×W×H)	mm	4183×1600×1960	6560×2480×3044	7900×2490×3010	7900×2490×3010

# KITCHEN WASTE COLLECTION TRUCK



## PRODUCT INTRODUCTION

The kitchen waste collection truck is mainly used for collection and transportation of food residue in hotels and restaurants. It is equipped with a bin lifting device which can reduce the labor intensity of operators to improve the working environment. Compression devices inside the vehicle are used for the preliminary separation of oil, water and solid. During discharging, the garbage inside will be totally pushed out by the push board. The whole process only need one person to operate.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5080TCAB5	XZJ5070TCAQ5
Total Weight	kg	8280	7300
Curb Weight	kg	5250/5050	4680/4380
Rated Payoad	kg	2835/3035	2490/2790
Tank Volume	m³	6.5	4
Overall Dimension(L×W×H)	mm	6210×2200×2770	5840×2100×2600



# SEWAGE TANK TRUCK



## PRODUCT INTRODUCTION

The sewage tank truck is suitable for sewage, feces, mud and other liquid absorption and transportation, which can also be used for irrigation and drainage. By the way, liquid without alkali and corrosive, paste is workable.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5070GXWD5	XZJ5120GXWD5	XZJ5160GXWD5
Max. Weight	kg	7360	12495	16000
Curb weight	kg	3935	7295	8440
Rated Payload	kg	3295	5005	7430/7365
Effective Volume	m³	4.12	6.5	9.6
Overall Dimension(L×W×H)	mm	5996×2050×2550	7110×2430×3050	7820×2500×3470

# CLOSED DRUM GARBAGE TRUCK



## PRODUCT INTRODUCTION

This product is a fully sealed 8-bucket (240L) barreled garbage truck, which is mainly used for the collection and transportation of barreled garbage. It can be used for garbage transferring alone, while can also be used with mobile station to improve the efficiency of garbage collection operation. This product is a brand new type of garbage collection and transport vehicle.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5030XTYA5
Track (front / rear)	mm	1330/1210
Curb Weight	mm	2990
Rated Payload	kg	1880
Water Tank Volume	L	140
Overall Dimension(L×W×H)	mm	5080×1580×2275



# LIFTING TYPE GARBAGE TRUCK



## PRODUCT INTRODUCTION

Lifting type garbage truck is a new type of garbage collection model. It puts a greater volume of trash can buried in the ground, which can be lifted by lifting type garbage truck. Putting the trash into the dustbin to reduce the body size makes garbage collection process simple and clean. Half buried barrel has beautiful appearance, while keeps fully sealed. Lifting type garbage truck can also be used with standard trash can. It is suitable for streets, communities, parks and other area with high environmental requirements.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5160ZDZD5
Max. Total Weight	kg	15800
Max. Lifting Moment of Crane	kN·m	105
Max. Operating Range of Crane	m	8.01
Box Volume	m <sup>3</sup>	9.5
Overall Dimension(L×W×H)	mm	8165×2505×3550

# MOBILE STATION



## PRODUCT INTRODUCTION

Mobile station has many advantages as small land occupancy area, flexible, novel appearance and so on. It can match up with various kinds of feeding device for domestic waste collection and transport. It is mainly used in residential areas, communities, hospitals and large venues, especially suitable for urban land high cost.

## MAIN SPECIFICATIONS

Item	Unit	YJY31B	YJY31C	YJY45A	YJY45B
Rated Power	kW	5.5	5.5	5.5	5.5
Machine Weight	t	6.1/5.6/5.4/5.3	5.4/5.2	6.5/6.6	6.2
Compression Chamber Volume	m <sup>3</sup>	1.3	1.3	1.7	1.7
Box Volume	m <sup>3</sup>	17/15/12/8	15/12	15/17	15
Overall Dimension(L×W×H)	mm	6380×2500×2460 5910×2500×2460 5120×2500×2460 4830×2500×2460	5910×2500×2460 5120×2500×2460	6320×2500×2460 6510×2500×2460	6320×2500×2460

# VERTICAL STATION



## PRODUCT INTRODUCTION

Vertical station cooperating with self-unloading garbage truck is mainly used for loose garbage's compaction to squeeze out the most moisture, which can reduce the secondary pollution and improve the efficiency of transportation. It is suitable for the storage, compression and transfer of urban living garbage acting as the centre of the garbage collection and transportation system. It can usually be set up near the streets and the residents living areas which is the ideal equipment in today's life garbage disposal and very important in the whole system.

## MAIN SPECIFICATIONS

Item	Unit	YJC40B	YJC40C	YJC50A
Rated Power	kW	15	15	22
Machine Weight	t	<15	<15	<20
Compression Chamber Volume	m³	3.8	3.8	5
Rated Compression Force	kN	800	800	1000
Overall Dimension(L×W×H)	mm	5330×3160×5800	5330×3160×7260	6940×3500×6350

# LANDSCAPE TYPE STATION



## PRODUCT INTRODUCTION

Landscape type station is specially designed for developing countries in environmental sanitation as the latest generation of garbage compressing and transferring equipment with completely independent intellectual property rights. The ingenious fusion of modern aesthetic and landscape design makes it beautiful and generous. It requires no surface of the space which solved the problem of the garbage site location difficult to make it suitable for the place such as community, plaza, commercial center, etc.

## MAIN SPECIFICATIONS

Item	Unit	YJY17A
Motor Power	kW	5.5
Machine Weight	t	4.05
Compression Chamber Volume	m³	0.8
Box Volume	m³	8
Overall Dimension(L×W×H)	mm	4360×2310×2180



# HORIZONTAL SPLIT STATION



## PRODUCT INTRODUCTION

Horizontal split station cooperating with detachable compartment garbage truck is mainly used for loose life garbage's compaction to squeeze out the most moisture, which can reduce the secondary pollution and improve the efficiency of transportation. It can use simple configuration or optional weighing meter system, traffic command system, dust removing deodorization system, monitoring system, vehicle GPS systems, to ensure investment of transfer station and the whole system operating costs low, garbage disposal of high efficiency, energy conservation and environmental protection.

## MAIN SPECIFICATIONS

Item	Unit	YJG15A	YJG26C	YJG42A
Rated Power	kW	11	11	22
Machine Weight	t	9.3	13.5	15.7
Compression Chamber Volume	m³	1.5	2.6	4.2
Box Volume	m³	12/10	20	22
Overall Dimension(L×W×H)	mm	3510x2200x3780	4800x2720x4020	7720x2760x4380

Item	Unit	YJG60A	YJP320A
Motor Power	kW	2×22	2×55
Max.system Pressure	Mpa	28	24
Compression Chamber Volume	m³	6	32
Push Into The Box Length	mm	1170	970
Head Size	mm	1950×900	1944×1980

## PRELOADING TYPE MOBILE STATION



### PRODUCT INTRODUCTION

This preloading type mobile station compresses the garbage to lose sewage before putting it into the box which can reduce the volume making it easier to transport. It is performed by the preloading institutions, controlled by hydraulic electric system PLC program. The product contour artistic, simple facilities, compared with traditional direct pressure type garbage compressor products, loaded with high efficiency, high compactness, garbage compression loading capacity is big, sewage, and waste water content is low. MSW landfill post-processing cost is low, at the same time, reduce labor intensity, and improve the garbage transport efficiency, low operating cost, no secondary pollution. Has a very high cost performance, for the use of units to bring good economic benefits and social benefits, is the ideal equipment of urban living garbage collector in our country.

### MAIN SPECIFICATIONS

Item	Unit	
Motor Power	kW	7.5
The System Pressure	Mpa	20
Garbage Dump Volume	m <sup>3</sup>	1
Overall Dimension(L×W×H)	mm	6300×2500×2360

## ROAD MAINTENANCE TRUCK



### PRODUCT INTRODUCTION

The road maintenance truck is mainly used in city footpath, as well as stalls and small advertising cleaning. It has functions like linear high pressure water curtain cleaning , columnar single point cleaning, manual spray gun cleaning , hand push type nozzle cleaning and so on. It is widely used in narrow streets, sidewalks, pedestrian streets, squares and other places which large vehicles is quite difficult to enter.

### MAIN SPECIFICATIONS

Item	Unit	XZJ5021TYHA5	XZJ5031TYHDBEV
Curb Weight	kg	1560	1970
Max. Total Design Mass	kg	1800	2610
Volume of Water Tank	L	1600	1000
Cleaning Width	m	1.5	1.5
Overall Dimension(L×W×H)	mm	4860×1560×2060	4745×1560×2080



# WET ROAD SWEEPER



## PRODUCT INTRODUCTION

The wet road sweeper assembles garbage to the position by sweeping brush, uses high pressure air cleaning system to produce high-speed airflow movement in the housing to form a strong negative pressure , inhales rubbish to the trash. The whole process makes dust fall by spraying water. It is widely used in urban roads, squares, airports, stadiums, docks, schools and other places which need sweeping and cleaning jobs.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5071TSLQ5	XZJ5080TSLB5	XZJ5160TSLD5	XZJ5162TSLD5
Curb Weight	kg	5080	5280	9950	10900
Solution Tank Volume	L	1300	1300	3000	3000
Dustbin Volume	m <sup>3</sup>	5	5	8	8
Max. Sweeping Efficiency	m <sup>2</sup>	60000	60000	70000	105000
Overall Dimension(L×W×H)	mm	5730×1980×2520	5975×2080×2520	8115×2480×3160	8950×2500×2880

Item	Unit	XZJ5180TSLD5	XZJ5182TSLD5	XZJ5030TSLA5
Curb Weight	kg	10150	11500	2210
Solution Tank Volume	L	4000	3000	500
Dustbin Volume	m <sup>3</sup>	8	8	1.7
Max. Sweeping Efficiency	m <sup>2</sup>	70000	105000	42000
Overall Dimension(L×W×H)	mm	8115×2480×3160	8950×2500×2880	4830×1550×2100

# DUSTLESS ROAD SWEEPER



## PRODUCT INTRODUCTION

This product is a dust-free road sweeper specially developed for haze environment. It doesn't need to sprinkle water during the whole operation process and also doesn't produce dust. It is suitable for the cleaning and sanitation work, etc. for highways at all levels, This vehicle is characterized by strong adaptability and advanced technology, and incorporates proprietary core technologies such as roadside stone sweeping devices, left and right distributed non-dusting sweeping nozzles, cleaning width adjustment, filter plugging detection, etc..

## MAIN SPECIFICATIONS

Item	Unit	XZJ5183TSLD5
Max. Total Weight	kg	18000
Curb Weight	kg	11180
Engine Power	kW	136/155
Volume of Garbage Box	m³	8
Overall Dimension(L×W×H)	mm	8150 x 2505 x 3330

# DRY & WET ROAD SWEEPER



## PRODUCT INTRODUCTION

The sweeper is specially developed for the road system , and it has a wet and dry form that is suitable for all levels of road sweeping, cleaning, washing, watering and so on. The car is very advanced in China, access to nine patents. It can achieve 9 kinds of operation modes, including dry sweeping, wet sweeping, pure suction, purging, high pressure cleaning, etc. Overall, it is efficient, low energy consumption, high intelligent.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5161TSLD5	XZJ5181TSLD5
Max. Total Weight	kg	15800	18000
Curb Weight	kg	11830	12400
Wheelbase	mm	5000	5000
Dustbin Volume	L	9000	9000
Overall Dimension(L×W×H)	mm	8500×2475×3245	8500×2475×3370

# SPRINKLER CLEANING TRUCK



## PRODUCT INTRODUCTION

The sprinkler is equipped with two independent sets of high and low pressure water system. The high pressure water system is used to clean the road guardrail, curb, sidewalks and isolation, while can also clean the road signs, billboards, highways by using spray gun. The low pressure water system is designed for dust fall and watering.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5250GQXS5	XZJ5181GQXD5
Spray Water Cleaning Width	mm	2.5~3.5	2.5~3.5
High Pressure Cleaning Capacity	m²/h	25000	28000
Clean Water Flow	L/min	134	150
Tanks Volume	L	11600	9100
Overall Dimension(L×W×H)	mm	10500×2500×3270	9372×2550×2960/ (8407×2500×2960)

# MULTIFUNCTIONAL DUST SUPPRESSION VEHICLE



## PRODUCT INTRODUCTION

The utility model relates to a dust suppression vehicle, which is a special vehicle which can suppress dust pollution by spraying spraying agent such as a dust suppression solidifying agent. Widely used in air purification, port city; coal stockpile and yard dust; airports, highways, railway stations, docks and other public places and landfill, spraying disinfection; highway, sports venues, moisturizing cooling.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5160TDYD5	XZJ5180TDYD5	XZJ5250TDYD5	XZJ5251TDYD5
Max. Total Weight	kg	16000	18000	25000	25000
Crub Weight	kg	10660	11240/11050	14900	16050/14580
Wheelbase	mm	5100	5000	4350+1300	4350+1350
Pump Pressure	MPa	0.8~2.0	0.8~2.0	0.8~2.0	0.8~2.0
Overall Dimension(L×W×H)	mm	9000×2500×3600	9650×2500×3630/ (9185×2500×3630)	11150×2500×3900	11055×2500×3946/ (10400×2500×3750)



# GUARDRAIL CLEANING TRUCK



## PRODUCT INTRODUCTION

The guardrail cleaning truck is a new kind of sanitation equipment which is mainly used in urban road isolation guardrail cleaning. In addition, it is suitable for road, city sculpture, billboards, public facilities such as traffic signs cleaning. It has so many advantages as high efficiency, great safety, good mechanical performance, simple and convenient operation and maintenance. This product is mainly composed of chassis, cabinets, roller mechanism and structure of the power system and so on.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5070GQXQ5
Total Mass	kg	7300
Curb Weight	kg	4910
Rated Payload	kg	2260
Tanks Volume	L	5000
Overall Dimension(L×W×H)	mm	5935×2070×2415

# DIESEL POWERED ROAD SWEEPER



## PRODUCT INTRODUCTION

This product is a new multi-functional environmental sanitation product, which is characterized by compact size, flexible structure, articulated self-made chassis, special high-efficiency fan, imported engine, full hydraulic drive, minimum turn radius, good traffic ability, easy operation which is easy to learn, self-made full-vision cab, equipped air-conditioning and comfortable operation space and has been widely used in cleaning and collection waste on the sidewalks, pedestrian streets, factories, mines, scenic spots, campuses and other areas.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5161TSLD5
Total Weight	kg	2100
Curb Weight	kg	1450
Max. Sweeping Speed	km/h	6
Water Tank Volume	L	120
Overall Dimension(L×W×H)	mm	3865×1150×1990



# SPRINKLER-SWEEPER TRUCK



## PRODUCT INTRODUCTION

The sprinkler-sweeper truck is our self-developed and multi-functional sanitation product, with road cleaning, low pressure rinsing, water spraying functions as one. It combines traditional sweepers and cleaning vehicles function in principle, while the use of spray devices can make dust fall. It is widely used in urban roads, highways, squares, airports, terminals, tunnels, bridges and other occasions, cleaning, sweeping, spraying dust and other cleaning operations.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5070TXSQ5	XZJ5120TXSD5	XZJ5100TXSQ5	XZJ5161TXSD5
Curb Weight	kg	5660	10340	7250	13000
Max. Total Weight	kg	7300	12495	10055	16000
Dustbin Volume	L	3200	6000	3500	7000
Max. Sweeping Efficiency	m <sup>2</sup>	64000	67000	64000	70000
Overall Dimension(L×W×H)	mm	6700×2090×2430	8125×2490×2932	7000×2200×2640	9265×2470×3045

Item	Unit	XZJ5180TXSD5	XZJ5181TXSD5	XZJ5250TXSD5
Curb Weight	kg	12180	13440	17320
Solution Tank Volume	L	18000	18000	25000
Dustbin Volume	m <sup>3</sup>	7000	7000	9500
Max. Sweeping Efficiency	m <sup>2</sup>	70000	70000	72000
Overall Dimension(L×W×H)	mm	8612×2490×2980	9265×2500×3045	10590×2500×3390

# WATER SPRAYING TRUCK



## PRODUCT INTRODUCTION

The water spraying truck is mainly used in urban road washing, trees and green belts watering, high-altitude construction rinsing. It has such functions as water spraying, dust suppression , pesticide spraying, guardrails washing, water removing, fire extinguishing and so on. It' s also designed with good appearance, mature technology, while it is cost-effective, safe and reliable, convenient driving. So many advantages make it the first choice as practical product for roads, gardens, the fire department.

## MAIN SPECIFICATIONS

Item	Unit	XZJ5070GSSD5	XZJ5160GPSD5	XZJ5161GPSD5
Curb Weight	kg	2935	7270	7270
Max. Total Weight	kg	7350	15800	15800
Eective Volume of The Tank L	L	4500	10300	8820
Wheelbase	mm	3300	4500/4700	4500/4700/5000
Overall Dimension(L×w×h)	mm	5920/6030/6100/6130×2090×2390	8780×2460×2840	8780×2460×2840

Item	Unit	XZJ5180GSSD5	XZJ5250GSSD5	XZJ5251GSSD5
Curb Weight	kg	7305	11000	11390
Max. Total Weight	kg	18000	25000	25000
Eective Volume of The Tank L	L	11000	18100	14000
Wheelbase	mm	4500	5650	5700
Overall Dimension(L×w×h)	mm	8450×2500×3150	9760/9960/10160/10360×2500×2990	9980/9760×2500×3600/3690

PURELY-ELECTRIC ROAD SWEEPING MACHINE



PRODUCT INTRODUCTION

SJDS1000A purely-electric sweeper is specially used in road mechanization cleaning. It adopts pure electric homemade chassis whose lithium-ion batteries are safe and efficient. It has such advantages as zero emission, no pollution, low noise, safety, environmental protection, energy saving and high efficiency . Its turning radius is small which makes it easy to pass through city footpath. The driver will quickly learn how to drive it because of its one-click integration operation system. Homemade cab can offer the driver the full view of working, while it is also equipped with air conditioner. It is widely used in the pavement, pedestrian street, factories and mines, scenic spots, etc.

MAIN SPECIFICATIONS

Item	Unit	SJDS1000A
Total Weight	kg	3000
Curb Weight	kg	2400
Sweeping Speed	km/h	3~10
Max. Sweeping Capacity	m²/h	22000
Overall Dimension(L×W×H)	mm	4370×1450×2190