



给机械插上科技的“翅膀”
Plug the "wings" of technology into machinery

可选配置 Optional



Multi-flap gripper



Quartering hammer



Stone clamp



Wood clamp



Cotton clamp



Drilling machine

XG8075 WS

智能轮式挖掘机

INTELLIGENT WHEEL EXCAVATOR



XIAMEN XGMA INTERNATIONAL TRADE CO., LTD.

1ST FLOOR TECHNICAL CENTER, NO.185 TIESHAN ROAD, JIMEI DISTRICT, XIAMEN, CHINA

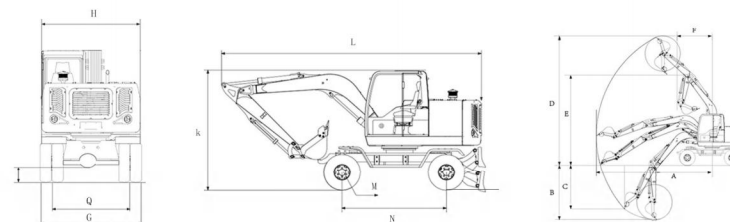
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Technology and Construction



A Maximum digging radius	6550mm	D Maximum digging height	6640mm	G Overall width of tire	2080mm
B Maximum digging depth	3200mm	E Maximum dumping height	4835mm	H Overall width of upper slewing platform	1980mm
C Maximum vertical digging depth	2730mm	F Minimum turning radius Forward	2160mm	I Minimum ground clearance	230mm
K Overall height of cab	2800mm	O Maximum lift of bulldozing blade	370mm	Bucket digging force (ISO)	43KN
L Overall length	6100mm	P Maximum drop of bulldozing blade	70mm	Stick digging force (ISO)	35KN
M Dozer blade departure angle	35°	Q Tread	1505mm		

Manufacturer	Yuchai	YC4FA30	Engine
Rated power	KW	48	
Rated speed	r/min	2200	
Maximum torque	N.m	266	
Total weight	Kg	6600	Overall performance parameters
Bucket capacity	m³	0.3	
Main pump		2 plunger pumps	
Steering pump		1 Gear pump	
Pilot pump		1 Gear pump	
Drive wheels		Four-wheel drive	
Shift model		Mechanical shift	
Maximum flow of the main pump(L/Min)		2x60.5	
Tire model		8.25-16	
Maximum driving speed	Km/h	28	
Theoretical climbing capacity°		(35)	
Swing speed	(rpm)	12.5	
Minimum turning radius	mm	1930	
Front axle swing range	°	±7	
Braking method		Hub type air brake	
Volume of fuel tank	L	120	
Volume of hydraulic oil tank	L	120	



The sample information is for reference only and the technical specifications are subject to change without prior notice.

- ① Customized version of National III high-performance Yuchai engine is suitable for various mining industries and mines, and is energy-saving and environmentally friendly.
- ② XGMA's customized reinforced drive axle features stable transmission and high reliability.
- ③ The whole vehicle is equipped with automotive-grade LED lighting combination to illuminate a larger field of view.
- ④ The layout of the whole machine's center of gravity is more reasonable, which can easily realize 360-degree stable operation.
- ⑤ The newly upgraded cab appearance system improves the field of view by 30%.
- ⑥ The shock-absorbing cab adopts an ergonomic operation layout to effectively alleviate driving fatigue.
- ⑦ The newly developed upper and lower frames of XGMA adopt D-shaped large-section side beams with higher structural strength and better stability of the whole machine.
- ⑧ The silent muffling system has lower noise, more comfortable handling, and is more conducive to urban and night operation.
- ⑨ Reasonable space layout, more convenient maintenance.
- ⑩ With integral casting rear counterweight, the whole machine has a more beautiful and generous shape, and the operation is more stable and reliable.



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可选配置 Optional



Multi-flap gripper



Quartering hammer



Stone clamp



Wood clamp



Cotton clamp



Drilling machine



Electromagnetic
chuck



Hydraulic shear



Vibrating rammer

XG8085WH



智能轮式挖掘机



INTELLIGENT WHEEL EXCAVATOR



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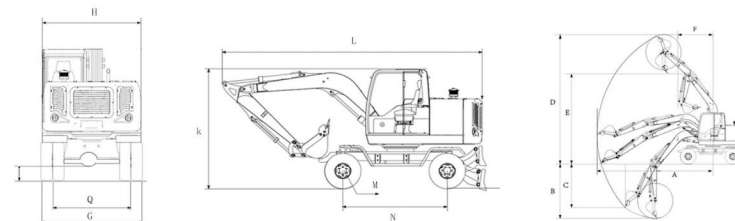
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A Maximum digging radius	6550mm	D Maximum digging height	6640mm	G Overall width of tire	2080mm
B Maximum digging depth	3200mm	E Maximum dumping height	4835mm	H Overall width of upper slewing platform	1980mm
C Maximum vertical digging depth	2730mm	F Minimum turning radius Forward	2160mm	I Minimum ground clearance	230mm
K Overall height of cab	2800mm	O Maximum lift of bulldozing blade	370mm	Bucket digging force (ISO)	46KN
L Overall length	6100mm	P Maximum drop of bulldozing blade	70mm	Stick digging force (ISO)	38KN
M Dozer blade departure angle	35°	N Wheel base	2450mm		



Manufacturer Yuchai	YCF3070-T301	Engine
Rated power KW	52	
Rated speed r/min	2200	
Maximum torque N.m	266	
Total weight Kg	6600	Performance parameters
Bucket capacity m³	0.3	
Main pump	Load sensing pump	
Pilot pump	Pressure-relief valve	
Shift mode	Electric control shift	
Maximum flow of the main pump (L/min)	169.6	
System pressure Mpa	24	
Tire model	8.25-16	
Maximum driving speed Km/h	33	
Theoretical climbing capacity °	35	
Swing speed (rpm)	12.5	
Minimum turning radius mm	1930	
Front axle swing range °	±7	
Braking method	Hub type air brake	
Volume of fuel tank L	120	
Volume of hydraulic oil tank L	120	

- ① Customized version of Yuchai YCF3070-T301 engine has the characteristics of vertical, in-line, water-cooled, four-stroke, supercharged, common rail, strong power, low fuel consumption, energy saving and environmental protection, and excellent heat dissipation, especially suitable for medium and low speed operations.
- ② With ultra-high cost performance, you can enjoy the performance of automatic transmission at the price of mechanical transmission, the vehicle speed can reach 33Km/h; the load sensing system is adopted to reduce unnecessary displacement loss and lower energy consumption.
- ③ The maintenance parts of the extended engine are centralized, and the hood adopts movable parts that can be opened in multiple directions, large maintenance space, more convenient and fast maintenance.
- ④ Color screen instrument configuration, real-time monitoring of equipment operation; GPS configuration, easy to manage and use, safe and reliable; Optional one-button start to meet individual needs.
- ⑤ The optimized 80 axle improves the reliability and durability.
- ⑥ Precision casting counterweight, improved structural parts, and strengthened working devices increase the safety efficiency by 1.5 times.

- ⑦ The electrical components adopt imported connectors, which have good shock resistance and waterproof and moisture-proof functions; the whole car LED lamps have good night vision performance.
- ⑧ The safety cab conforms to the ergonomic design, and the operating performance is comfortable; the angle-adjustable steering assembly, the armrest box and the comfortable seat that can be adjusted in two stages meet the needs of different drivers.
- ⑨ Equipped with heating and cooling air-conditioning, warm in winter and cool in summer; a fresh air filtration system is installed to purify the air in the cab and improve comfort performance.
- ⑩ A variety of working devices can be selected; Adapted to different working conditions.

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可选配置 Optional



Multi-flap gripper



Quartering hammer



Stone clamp



Wood clamp



Cotton clamp



Drilling machine

XG8095W

智能轮式挖掘机

INTELLIGENT WHEEL EXCAVATOR



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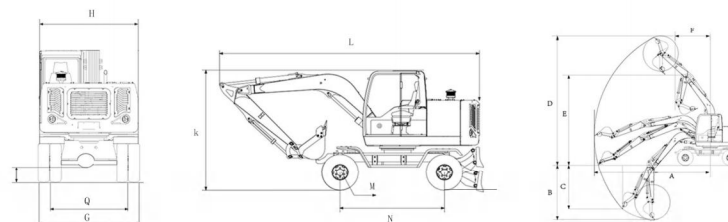
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Technology and Construction



A Maximum digging radius	6870mm	D Maximum digging height	6970mm	G Overall width of tire	2150mm
B Maximum digging depth	3401mm	E Maximum dumping height	5120mm	H Overall width of upper slewing platform	2100mm
C Maximum vertical digging depth	2830mm	F Minimum turning radius Forward	2345mm	I Minimum ground clearance	230mm
K Overall height of cab	2800mm	O Maximum lift of bulldozing blade	370mm	Bucket digging force (ISO)	43KN
L Overall length	6300mm	P Maximum drop of bulldozing blade	70mm	Stick digging force (ISO)	35KN
M Dozer blade departure angle	35°	N Wheel base	2450mm		



Yuchai	Manufacturer	YC4DK75-T303	Engine
Rated power	KW	55	
Rated speed	r/min	2200	
Maximum torque	N.m	275	Performance parameters
Total weight	Kg	7500	
Bucket capacity	m³	0.3	
Main pump		2 plunger pumps	
Steering pump		1 Gear pump	
Pilot pump		1 Gear pump	
Drive wheels		Four-wheel drive	
Shift model		Mechanical shift	
Maximum flow of the main pump (L/Min)		2x60.5	
Tire model		8.25-16	
Maximum driving speed	Km/h	30	
Theoretical climbing capacity	°	35	
Swing speed	(r/min)	0-12.5	
Minimum turning radius Forward	mm	1930	
Front axle swing range	°	±7	
Braking method		Hub type air brake	
Volume of fuel tank	L	140	
Volume of hydraulic oil tank	L	150	

- ① Imported pumps (Germany Rexroth), valves (USA Eaton), motors (USA Eaton) have the advantages of good matching, superior performance, reliable quality, low noise, small vibration and stable operation.
- ② Customized version of National III high-performance Yuchai engine is suitable for various mining industries and mines, and is energy-saving and environmentally friendly.
- ③ XGMA's customized reinforced drive axle features stable transmission and high reliability.
- ④ The whole vehicle is equipped with automotive-grade LED lighting combination to illuminate a larger field of view.
- ⑤ The independent heat dissipation air conditioner can realize rapid cooling with excellent effect.
- ⑥ The newly upgraded cab adopts ergonomic principles to optimize the overall control layout.

- ⑦ The newly developed upper and lower frames of XGMA adopt D-shaped large-section side beams with higher structural strength and better stability of the whole machine.
- ⑧ The all-aluminum multi-functional air tank can realize one-key drainage, inflation and cleaning of the body.
- ⑨ Reasonable space layout, more convenient maintenance.
- ⑩ With integral casting rear counterweight, the whole machine has a more beautiful and generous shape, and the operation is more stable and reliable.



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可选配置 Optional



Multi-flap gripper



Quartering hammer



Stone clamp



Wood clamp



Cotton clamp



Drilling machine



Electromagnetic
chuck



Hydraulic shear



Vibrating rammer

XG8105WJ

智能轮式挖掘机 Climber

INTELLIGENT WHEEL EXCAVATOR



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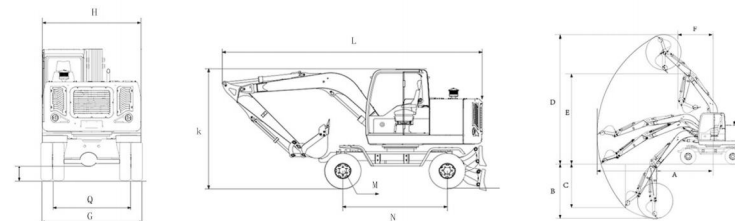
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A Maximum grab radius	6050mm	D Maximum snatch height	7580mm	G Overall width of tire	2180mm
B Maximum grab depth	3865mm	E Maximum dumping height	5400mm	H Overall width of upper slewing platform	2100mm
C Maximum vertical grab depth	3865mm	F Minimum turning radius Forward	2345mm	I Minimum ground clearance	230mm
K Overall height of cab	2820mm	O Maximum lift of bulldozing blade	380mm	Lifting force with maximum snatch radius	1200kg
L Overall length	6400mm	P Maximum drop of bulldozing blade	60mm		
M Dozer blade departure angle	35°	N Wheel base	2450mm		



Manufacturer	Yuchai	YC4DK75-T303	Engine
Rated power	KW	55	
Rated speed	r/min	2200	
Maximum torque	N.m	303	
Total weight	Kg	8300	Performance parameters
Main pump		Load sensing pump	
Pilot pump		Pressure-relief valve	
Shift mode		Mechanical shift	
Maximum flow of the main pump (L/Min)		169.6	
System pressure	Mpa	24	
Tire model		9.0-16	
Maximum driving speed	Km/h	30	
Theoretical climbing capacity	°	35	
Swing speed	(rpm)	0-12.5	
Minimum turning radius Forward	mm	1930	
Front axle swing range	°	±7	
Braking method		Hub type air brake	
Volume of fuel tank	L	140	
Volume of hydraulic oil tank	L	150	

- ① Customized version of Yuchai YC4DK75-T303 engine has the characteristics of vertical, in-line, water-cooled, four-stroke, supercharged, common rail, low fuel consumption, energy saving and environmental protection, and excellent heat dissipation.
- ② Cost-effective, load-sensitive pump, reducing unnecessary displacement loss and low energy consumption; the vehicle speed can reach 30Km/h.
- ③ Customized reinforced wheel-side reduction axle, configuration of front bulldozer and rear outriggers, strong anti-overturn ability, safe, reliable and durable.
- ④ Reinforced boom, configurable extended stick, large operating range, excellent dumping height, and large climbing performance, it is specially customized for uphill clipping operations.
- ⑤ The maintenance parts of the extended engine are centralized, and the hood adopts movable parts that can be opened in multiple directions, large maintenance space, more convenient and fast maintenance.
- ⑥ Color screen instrument configuration, real-time monitoring of equipment operation; GPS configuration, easy to manage and use.

- ⑦ The electrical components adopt imported connectors, which have good shock resistance and waterproof and moisture-proof functions; the whole car LED lamps have good night vision performance.
- ⑧ The safety cab conforms to the ergonomic design, and the operating performance is comfortable; the angle-adjustable steering assembly, the armrest box and the comfortable seat that can be adjusted in two stages meet the needs of different drivers.
- ⑨ Equipped with heating and cooling air-conditioning, warm in winter and cool in summer; a fresh air filtration system is installed to purify the air in the cab and improve comfort performance.
- ⑩ A variety of working devices can be selected to support user customized accessories; Adapted to different working conditions.

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Multi-flap gripper



Quartering hammer



Stone clamp



Wood clamp



Cotton clamp



Drilling machine



Electromagnetic
chuck



Hydraulic shear



Vibrating rammer

XG8125WH

智能轮式挖掘机 

INTELLIGENT WHEEL EXCAVATOR



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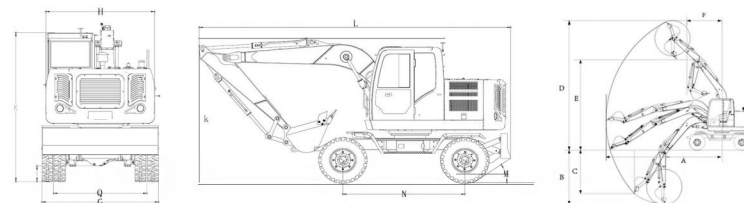
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A Maximum digging radius	6655mm	D Maximum digging height	7442mm	G Overall width of tire	2270mm
B Maximum digging depth	3800mm	E Maximum dumping height	5346mm	H Overall width of upper slewing platform	2100mm
C Maximum vertical digging depth	3300mm	F Minimum turning radius Forward	1813mm	I Minimum ground clearance	290mm
K Overall height of cab	2870mm	O Maximum lift of bulldozing blade	504mm	Bucket digging force (ISO)	65.5KN
L Overall length	6400mm	P Maximum drop of bulldozing blade	84mm	Stick digging force (ISO)	41KN
M Dozer blade departure angle	35°	N Wheel base	2450mm		



Manufacturer Yuchai	YC4DK90-T304	Engine
Rated power KW	66	
Rated speed r/min	2000	
Maximum torque N.m	358	
Total weight Kg	9000	Performance parameters
Bucket capacity m³	0.45	
Main pump	Load sensing pump	
Pilot pump	Pressure-relief valve	
Shift mode	Electric control shift	
Maximum flow of the main pump (L/Min)	210	
System pressure Mpa	28	
Tire model	8.25-20	
Maximum driving speed Km/h	30	
Theoretical climbing capacity°	35	
Swing speed (rpm)	0-12.5	
Minimum turning radius mm	1930	
Front axle swing range °	±7	
Braking method	Hydraulic brake	
Volume of fuel tank L	166	
Volume of hydraulic oil tank L	120	

- XGMA's customized version of Yuchai YC4DK90-T304 engine has the characteristics of vertical, in-line, water-cooled, four-stroke, supercharged, common rail, strong power, low fuel consumption, energy saving and environmental protection, and excellent heat dissipation, especially suitable for medium and low speed operations.
- With ultra-high cost performance, you can enjoy the driving and control experience of automatic transmission at the price of mechanical transmission, powerful climbing, the vehicle speed can reach 30Km/h; the load sensing system is adopted to reduce unnecessary displacement loss and lower energy consumption.
- The maintenance parts of the extended engine are centralized, and the hood adopts movable parts that can be opened in multiple directions, large maintenance space, more convenient and fast maintenance.
- Intelligent color screen instrument configuration, real-time monitoring of equipment operation; GPS configuration, easy to manage and use, safe and reliable;
- XGMA's customized reinforced wheel-side reduction axle adopts hydraulic braking, which is safe, reliable and durable.
- Newly developed double-cylinder reinforced boom, integral precision casting counterweight, and improved structural parts, the safety efficiency is increased by 1.5 times.

- The electrical components adopt imported connectors, which have good shock resistance and waterproof and moisture-proof functions; the whole car LED lamps have good night lighting and vision performance.
- The widened safety cab conforms to the ergonomic design, and the operating performance is comfortable; the angle-adjustable steering assembly, the armrest box and the comfortable seat that can be adjusted in two stages meet the needs of different drivers.
- Equipped with heating and cooling air-conditioning, warm in winter and cool in summer; install a fresh air filtration system to purify the air in the cab, improve comfort performance and optimize the working environment.
- A variety of working devices can be selected to support user customized accessories; Adapted to different working conditions.

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