

Main Product

ME SERIAL HYDRAULIC EXCAVATOR

MAXPOWER

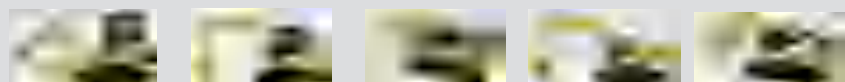
Jining Maxpower Machinery Co., Ltd

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MAXPOWER
迈斯伯尔



MAXPOWER

**Industry Performance
Solution Provider**

Company Profile

Jining Maxpower Machinery Co., Ltd. was established in 2015, located in Jining city. It is a national high-tech enterprise which is focusing on R&D, production, sales of excavators and their extension products. In 2016, it passed the three systems of quality, environment, occupational health and safety certification. In 2019, it was awarded as one of the top 50 specialized manufacturers of construction machinery in China.

The company has more than 150 employees, 30,000 square meters of production workshops, three assembly lines, more than 50 sets of professional manufacturing equipment. The annual production capacity is over 3,000 sets of excavators and special equipments. The main products of the company are: 1.8 tons to 80 tons series of fully hydraulic excavators and port machines, rotary drilling rigs, piling rigs, material machinery, etc. The products are exported over 30 countries and regions.

The company's R&D department has more than 20 years of experience in excavator industry. We can get the most advanced technology from suppliers such as Kawasaki, Cummins, Isuzu, Hengli Hydraulic and other famous brands. It will focus on high efficiency and energy-saving products, and keep pace with international advanced technology.

The development concept: Creating values for customers, making the best construction machinery in the world.

Enterprise qualification





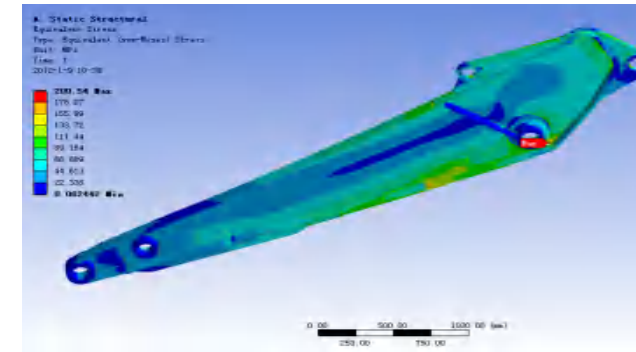
Engine System

Powered by the original imported Yanmar, Isuzu & Cummins engine, which is a fuel-efficient and low-emission engine.

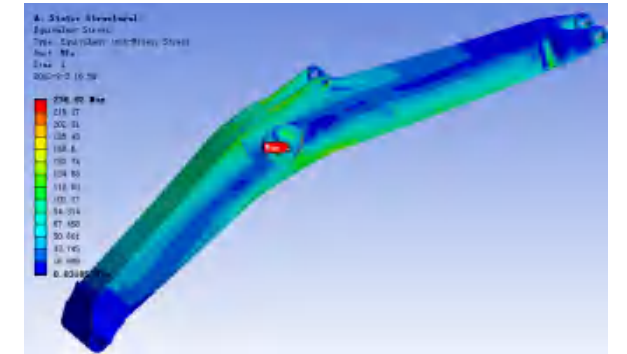


Hydraulic System

International advanced hydraulic system provides a load sensing and flow sharing capability leading to operational precision, efficient performance and greater controllability.



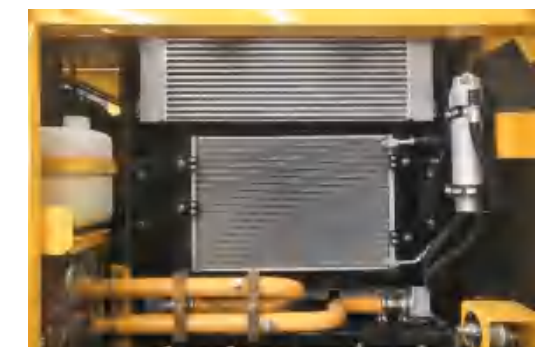
The stress analysis can improve the intensity and stiffness of the boom and arm, which can meet the heavy-duty works, and the machine is more durable and reliable.



Main forging parts are welded by robots, which can greatly improve the welding quality and prolong the service life.



Fuel filters and oil filters are put in proper location, which is much easier for maintenance.



The hydraulic oil radiator, water radiator and inter-cooler are placed horizontally in parallel, which is effective in heatdissipation and easy to clean.

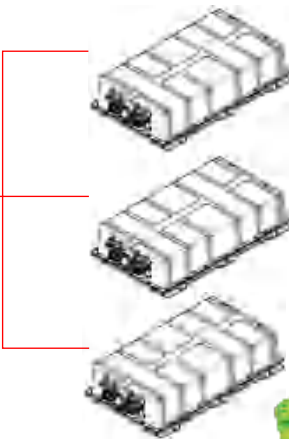
ME60EV pure electric excavator, with zero emissions, no pollution, high efficiency, low noise, less maintenance and other characteristics, "fast charging speed, long range, a good solution to the power and pollution problems in construction

Battery

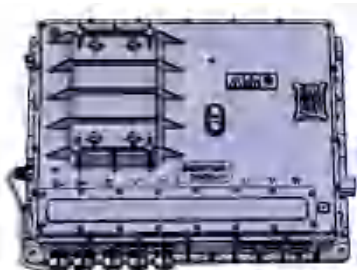
-BDU+
Standard
case Finished battery.



1*BDU
3*standard cases
(optional)
BDU Integration BMS
Insulation detection
High voltage interlocks
3-way PDU

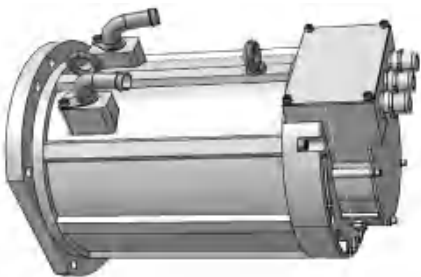


Electric control



All-in-one intelligent controller unit
Cooling method - water cooling

Motor



Motor voltage	460VDC
Rated power	30KW
Peak power	66KW
Rated speed	1432
Rated torque	200
Peak torque	358
Max. speed	3000
Rated current	76
Peak current	135

Specially designed low speed motors for excavator oil pumps, with high efficiency zones in the long working hours of the excavator

The hydraulic oil tank is equipped with an additional breathing valve to prevent miscellaneous quality from entering the hydraulic system



Flow sharing multi-control valves

Efficient and energy-saving load-sensitive hydraulic system
Better maneuverability and efficiency with compound action
Precise control with good micro-motion
Small pressure loss, low oil consumption
Anti-natural fall function of movable arm and bucket rod; bucket rod
Regeneration function



Axial piston pumps

High continuous pressure
Good self-priming performance
High reliability and long service life
Fast control response
Low pulsation, low noise



Easy-to-clean cooling and dustproof device: Adopted parallel cooling system for easy cleaning as well as disassembly and installation.



Convenient maintenance

Oil pre-filter: both oil and water separation function function, its water separation capacity is stronger, the storage water capacity, protecting the fuel system





ME60EV

High-end first-class core configuration

Excellent power
International brand main pump and main valve
World brand hydraulic compon

Higher reliability and durability

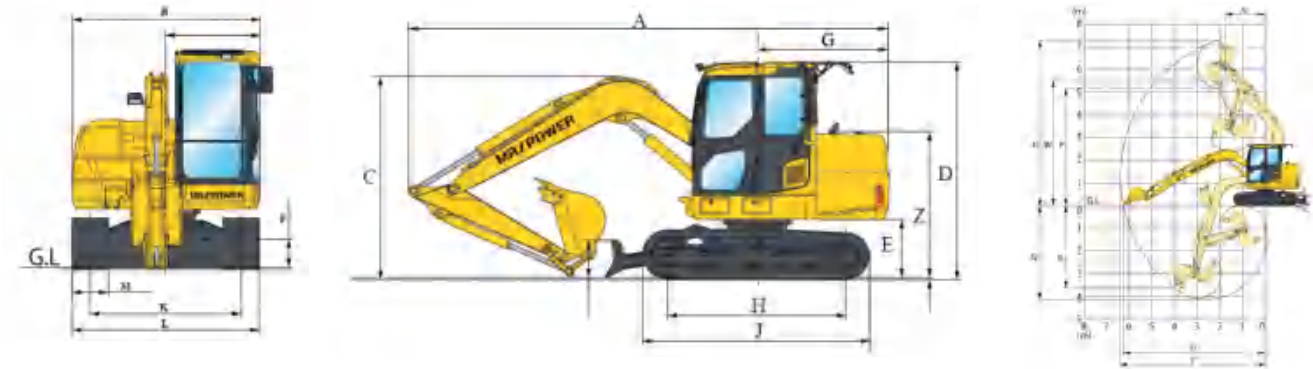
Sturdy high-strength body
Reinforced movable arm, bucket bar and bucket
structural parts
More coordinated comfort

Highly rigid new cab, quiet and comfortable

Color LCD monitor for easy monitoring and maintenance
Multiple operation modes available

Machine Dimensions

Model	ME60EV
A-Overall length(mm)	5960
B-Overall width(mm)	1960
C-Total height (Boom top)(mm)	1995
D-Total height(Cap top)(mm)	2690
E-Counterweight ground clearance(mm)	700
F-Min ground clearance(mm)	360
G-Turning radius of vehicle tail(mm)	1700
H-Track length on the ground(mm)	2000
J-Track shoe length(mm)	2560
K-Track gauge(mm)	1560
L-Track width(mm)	1960
M-Track shoe width(mm)	400
N-Swing frame width(mm)	1906



Performance Parameters

Model	ME60EV
Operating Weight(T)	6
Bucket capacity(m3)	0.22
Engine model	TZ210XS22
Power(kw/r/min)	22/2000
Battery capacity (Kw/h)	105KWh
Voltace (V)	350V
Swing speed(r/min)	9.5
Gradeability(%)	70
Bucket digging force(KN)ISO	42
Arm length(mm)	1630
Boom (m)	3000
Ground pressure(KPa)	33.5
Hydraulic oil tank capacity(L)	80

Operating Range

Model	ME60EV
O-Max digging height(mm)	5750
P-Max dumping height(mm)	3980
Q-Max digging depth(mm)	3860
R-Max vertical wall digging depth(mm)	3040
T-Max digging reach(mm)	6170
U-Max digging reach at ground level(mm)	6045
V-Min swing radius(mm)	2380
W-Max height at min swing radius(mm)	4395
X-Distance from swing center to tail(mm)	1700
Z-Counterweight height(mm)	1685
A1-Ground length (during transporting)(mm)	3370

Note: With the continuous improvement of technology, the parameters may change without notice, subject to the actual prototype



ME18.9

High-end first-class core configuration

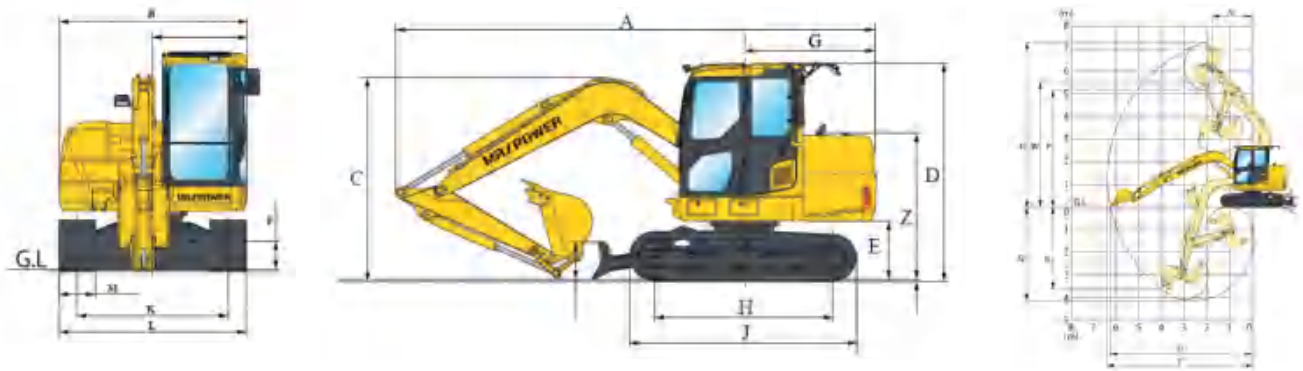
Yanmar engine which meets Stage III emission, energysaving and fuel-saving
International brand main pump and main valve
World brand hydraulic components to ensure high reliability of hydraulic system

Higher reliability and durability

Sturdy high-strength body
Reinforced movable arm, bucket bar and bucket structural parts
More coordinated comfort

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Multiple operation modes available



Performance Parameters

Model	ME18.9
Operating Weight(T)	1.76
Bucket capacity(m3)	0.05
Engine model	YANMAR 3TNV70
Power(kw/r/min)	10.3/2200
Battery capacity (Kw/h)	20
Voltace (V)	2.2/4.2
Swing speed(r/min)	10
Gradeability(%)	55
Bucket digging force(KN)ISO	15
Arm length(mm)	950
Boom (m)	1720
Ground pressure(KPa)	30
Hydraulic oil tank capacity(L)	16

Machine Dimensions

Model	ME18.9
A-Overall length(mm)	3460
B-Overall width(mm)	950/1280
C-Total height (Boom top)(mm)	1450
D-Total height(Cap top)(mm)	2370
E-Counterweight ground clearance(mm)	460
F-Min ground clearance(mm)	175
G-Turning radius of vehicle tail(mm)	650
H-Track length on the ground(mm)	1180
J-Track shoe length(mm)	1530
K-Track gauge(mm)	720/1050
L-Track width(mm)	950/1280
M-Track shoe width(mm)	230
N-Swing frame width(mm)	950

Operating Range

Model	ME18.9
O-Max digging height(mm)	3690
P-Max dumping height(mm)	2630
Q-Max digging depth(mm)	2200
R-Max vertical wall digging depth(mm)	—
T-Max digging reach(mm)	3810
U-Max digging reach at ground level(mm)	3710
V-Min swing radius(mm)	1520
W-Max height at min swing radius(mm)	2670
X-Distance from swing center to tail(mm)	650
Z-Counterweight height(mm)	—
A1-Ground length (during transporting)(mm)	2250

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ME35.9

High-end first-class core configuration

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International brand main pump and main valve
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Sturdy high-strength body
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Machine Dimensions

Model	ME35.9
A-Overall length(mm)	4750
B-Overall width(mm)	1740
C-Total height (Boom top)(mm)	1750
D-Total height(Cap top)(mm)	2470
E-Counterweight ground clearance(mm)	545
F-Min ground clearance(mm)	320
G-Turning radius of vehicle tail(mm)	850
H-Track length on the ground(mm)	1700
J-Track shoe length(mm)	2260
K-Track gauge(mm)	1440
L-Track width(mm)	1740
M-Track shoe width(mm)	300
N-Swing frame width(mm)	1700

Operating Range

Model	ME35.9
O-Max digging height(mm)	4960
P-Max dumping height(mm)	3560
Q-Max digging depth(mm)	3150
R-Max vertical wall digging depth(mm)	2560
T-Max digging reach(mm)	5250
U-Max digging reach at ground level(mm)	5150
V-Min swing radius(mm)	2100
W-Max height at min swing radius(mm)	3790
X-Distance from swing center to tail(mm)	850
Z-Counterweight height(mm)	—
A1-Ground length (during transporting)(mm)	3210

Note: With the continuous improvement of technology, the parameters may change without notice, subject to the actual prototype

Performance Parameters

Model	ME35.9
Operating Weight(T)	3.75
Bucket capacity(m3)	0.12
Engine model	YANMAR 3TNV88
Power(kw/r/min)	19.6/2200
Battery capacity (Kw/h)	41
Voltace (V)	4.5/2.7
Swing speed(r/min)	9.5
Gradeability(%)	70
Bucket digging force(KN)ISO	32
Arm length(mm)	1370
Boom (m)	2480
Ground pressure(KPa)	37.5
Hydraulic oil tank capacity(L)	60



ME60.9 ME80.9

High-end first-class core configuration

Yanmar engine which meets Stage III emission, energysaving and fuel-saving
International brand main pump and main valve
World brand hydraulic components to ensure high reliability of hydraulic system

Higher reliability and durability

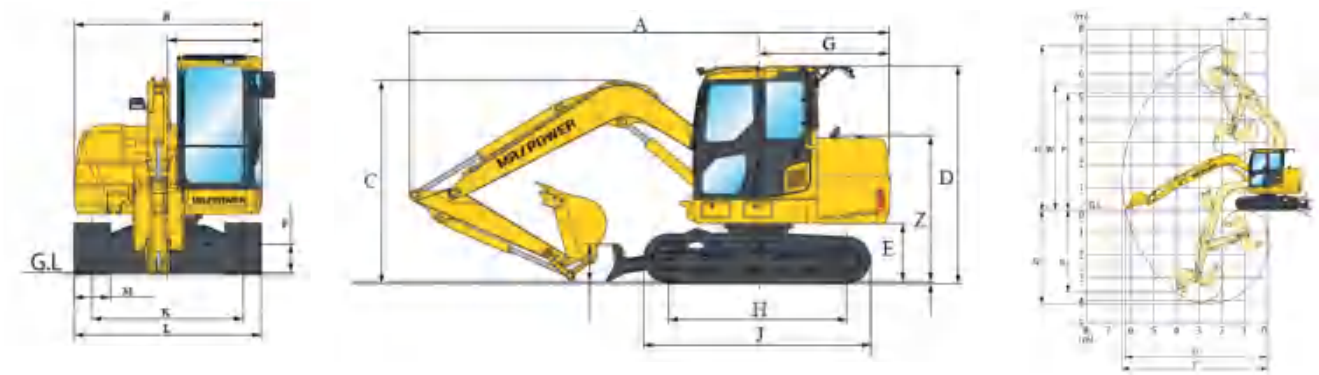
Sturdy high-strength body
Reinforced movable arm, bucket bar and bucket structural parts
More coordinated comfort

Highly rigid new cab, quiet and comfortable

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Multiple operation modes available

Machine Dimensions

Model	ME60.9	ME80.9
A-Overall length(mm)	5960	6100
B-Overall width(mm)	1960	2300
C-Total height (Boom top)(mm)	1995	2515
D-Total height(Cap top)(mm)	2690	2680
E-Counterweight ground clearance(mm)	700	760
F-Min ground clearance(mm)	360	380
G-Turning radius of vehicle tail(mm)	1700	1755
H-Track length on the ground(mm)	2000	2150
J-Track shoe length(mm)	2560	2760
K-Track gauge(mm)	1560	1700
L-Track width(mm)	1960	2150
M-Track shoe width(mm)	400	450
N-Swing frame width(mm)	1906	2198



Performance Parameters

Model	ME60.9	ME80.9
Operating Weight(T)	6	8.2
Bucket capacity(m3)	0.22	0.32
Engine model	YANMAR 4TNV94L	YANMAR 4TNV98
Power(kw/r/min)	36.2/2100	46.3/2200
Battery capacity (Kw/h)	100	130
Voltace (V)	4.2/2.2	5.1/2.7
Swing speed(r/min)	9.5	10
Gradeability(%)	70	70
Bucket digging force(KN)ISO	42	52
Arm length(mm)	1630	1650
Boom (m)	3000	3710
Ground pressure(KPa)	33.5	30
Hydraulic oil tank capacity(L)	80	90

Operating Range

Model	ME60.9	ME80.9
O-Max digging height(mm)	5750	7165
P-Max dumping height(mm)	3980	5065
Q-Max digging depth(mm)	3860	4038
R-Max vertical wall digging depth(mm)	3040	3505
T-Max digging reach(mm)	6170	6330
U-Max digging reach at ground level(mm)	6045	6180
V-Min swing radius(mm)	2380	1795
W-Max height at min swing radius(mm)	4395	5500
X-Distance from swing center to tail(mm)	1700	1755
Z-Counterweight height(mm)	1685	1725
A1-Ground length (during transporting)(mm)	3370	3700

Note: With the continuous improvement of technology, the parameters may change without notice, subject to the actual prototype



ME130
ME150

High-end first-class core configuration

Stage II/III Cummins engine with excellent power
International brand main pump and main valve
World brand hydraulic components to ensure high reliability of hydraulic system

Higher reliability and durability

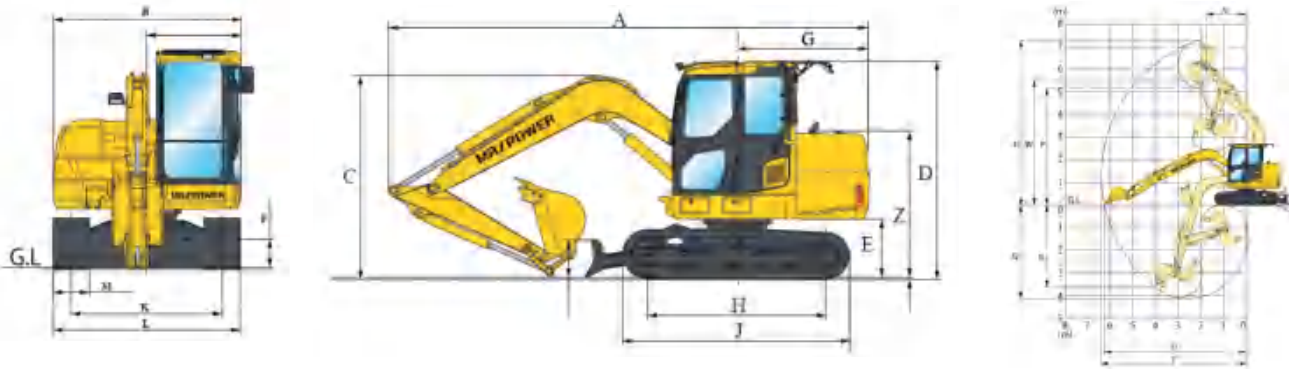
Sturdy high-strength body
Reinforced movable arm, bucket bar and bucket structural parts
More coordinated comfort

Highly rigid new cab, quiet and comfortable

Color LCD monitor for easy monitoring and maintenance
Multiple operation modes available

Machine Dimensions

Model	ME130.8/9	ME150.8/9
A-Overall length(mm)	7580	7580
B-Overall width(mm)	2490	2500
C-Total height (Boom top)(mm)	2780	2780
D-Total height(Cap top)(mm)	2815	2815
E-Counterweight ground clearance(mm)	870	870
F-Min ground clearance(mm)	430	430
G-Turning radius of vehicle tail(mm)	2155	2155
H-Track length on the ground(mm)	2750	3000
J-Track shoe length(mm)	3485	3735
K-Track gauge(mm)	1960	2000
L-Track width(mm)	2460	2500
M-Track shoe width(mm)	500	500
N-Swing frame width(mm)	2490	2490



Performance Parameters

Model	ME130.8/9		ME150.8/9	
Operating Weight(T)	13		14.5	
Bucket capacity(m3)	0.53-0.64		0.6-0.75	
Engine model	CUMMINS 4BTAA3.9	CUMMINS QSF3.8	CUMMINS 4BTAA3.9	CUMMINS QSF3.8
Power(kw/r/min)	86/2200	86/2200	86/2200	86/2200
Battery capacity (Kw/h)	247		247	
Voltace (V)	5.3/3.1		5.3/3.1	
Swing speed(r/min)	12		12	
Gradeability(%)	70		70	
Bucket digging force(KN)ISO	100		100	
Arm length(mm)	2500		2500	
Boom (m)	4600		4600	
Ground pressure(KPa)	38		39	
Hydraulic oil tank capacity(L)	130		130	

Operating Range

Model	ME130.8/9	ME150.8/9
O-Max digging height(mm)	8630	8630
P-Max dumping height(mm)	6180	6180
Q-Max digging depth(mm)	5500	5500
R-Max vertical wall digging depth(mm)	4940	4940
T-Max digging reach(mm)	8305	8305
U-Max digging reach at ground level(mm)	8180	8180
V-Min swing radius(mm)	2495	2495
W-Max height at min swing radius(mm)	6430	6430
X-Distance from swing center to tail(mm)	2155	2155
Z-Counterweight height(mm)	1935	1935
A1-Ground length (during transporting)(mm)	4410	4410

Note: With the continuous improvement of technology, the parameters may change without notice, subject to the actual prototype



ME210

ME220

ME240

High-end first-class core configuration

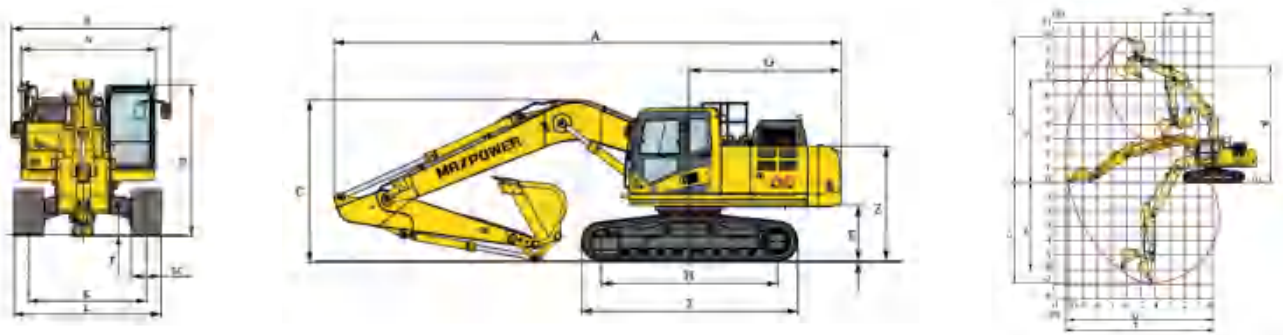
Cummins engine in accordance with stage II/III, excellent power
Isuzu engine in accordance with stage II/III, fuel-saving and energy-saving
International brand main pump and main valve
World brand hydraulic components to ensure high reliability of hydraulic system

Higher reliability and durability

Sturdy high-strength body
Reinforced movable arm, bucket bar and bucket structural parts
More coordinated comfort

Highly rigid new cab, quiet and comfortable

Color LCD monitor for easy monitoring and maintenance
Multiple operation modes available



Machine Dimensions

Model	ME210.8	ME220.8	ME240.8/9
A-Overall length(mm)	9600	9600	9850
B-Overall width(mm)	2780	2980	2980
C-Total height (Boom top)(mm)	3040	3040	3190
D-Total height(Cap top)(mm)	3120	3120	3120
E-Counterweight ground clearance(mm)	1065	1065	1065
F-Min ground clearance(mm)	466	466	440
G-Turning radius of vehicle tail(mm)	2720	2720	2810
H-Track length on the ground(mm)	3260	3445	3640
J-Track shoe length(mm)	4060	4260	4450
K-Track gauge(mm)	2180	2180	2380
L-Track width(mm)	2780	2980	2980
M-Track shoe width(mm)	600	600	600
N-Swing frame width(mm)	2700	2700	2700

Performance Parameters

Model	ME210.8		ME220.8		ME240.8/9	
Operating Weight(T)	21.3		22		24	
Bucket capacity(m3)	1.0		1.0		1.2	
Engine model	CUMMINS 6BTAA5.9	ISUZU 6BG1TRP	CUMMINS 6BTAA5.9	ISUZU 6BG1TRP	CUMMINS 6BTAA5.9	CUMMINS QSB7.0
Power(kw/r/min)	133/2000	125/2100	133/2000	125/2100	133/2000	142/1950
Battery capacity (Kw/h)	420		420		420	
Voltace (V)	5.2/3.5		5.2/3.5		5.2/3.5	
Swing speed(r/min)	11.5		11.7		11	
Gradeability(%)	70		70		70	
Bucket digging force(KN)ISO	157		157		159	
Arm length(mm)	2900		2900		3050	
Boom (m)	5700		5700		5850	
Ground pressure(KPa)	46.5		46.5		49.4	
Hydraulic oil tank capacity(L)	246		246		246	

Operating Range

Model	ME210.8	ME220.8	ME240.8/9
O-Max digging height(mm)	9275	9275	9310
P-Max dumping height(mm)	6560	6560	6440
Q-Max digging depth(mm)	6515	6515	6875
R-Max vertical wall digging depth(mm)	5915	5915	5860
T-Max digging reach(mm)	9865	9865	10170
U-Max digging reach at ground level(mm)	9680	9680	9990
V-Min swing radius(mm)	3630	3630	3975
W-Max height at min swing radius(mm)	7670	7670	7775
X-Distance from swing center to tail(mm)	2720	2720	2810
Z-Counterweight height(mm)	2120	2120	2120
A1-Ground length (during transporting)(mm)	4850	4950	5360

Note: With the continuous improvement of technology, the parameters may change without notice, subject to the actual prototype



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ME335.8
ME360.8
ME390H.9

- High-end first-class core configuration
- Cummins engine in accordance with stage II/III, excellent power
- Isuzu engine in accordance with stage II/III, fuel-saving and energy-saving
- International brand main pump and main valve
- World brand hydraulic components to ensure high reliability of hydraulic system
- Higher reliability and durability
- Sturdy high-strength body
- Reinforced movable arm, bucket bar and bucket structural parts
- More coordinated comfort
- Highly rigid new cab, quiet and comfortable
- Color LCD monitor for easy monitoring and maintenance
- Multiple operation modes available

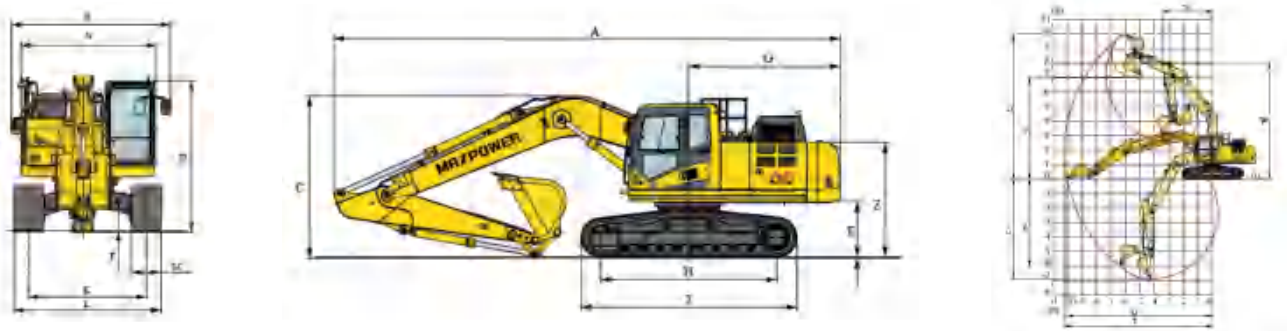
Machine Dimensions

Model	ME335.8	ME360.8	ME390H.9
A-Overall length(mm)	11150	11150	11150
B-Overall width(mm)	3190	3190	3190
C-Total height (Boom top)(mm)	3180	3180	3280
D-Total height(Cap top)(mm)	3280	3280	3280
E-Counterweight ground clearance(mm)	1210	1210	1210
F-Min ground clearance(mm)	498	498	495
G-Turning radius of vehicle tail(mm)	3420	3420	3420
H-Track length on the ground(mm)	3700	4030	4030
J-Track shoe length(mm)	4622	4950	4955
K-Track gauge(mm)	2590	2590	2590
L-Track width(mm)	3190	3190	3190
M-Track shoe width(mm)	600	600	600
N-Swing frame width(mm)	2995	2995	2995

Operating Range

Model	ME335.8	ME360.8	ME390H.9
O-Max digging height(mm)	10200	10200	9800
P-Max dumping height(mm)	7135	7135	6830
Q-Max digging depth(mm)	7370	7370	6890
R-Max vertical wall digging depth(mm)	6380	6380	6000
T-Max digging reach(mm)	11100	11100	10800
U-Max digging reach at ground level(mm)	10910	10910	10600
V-Min swing radius(mm)	4265	4265	4285
W-Max height at min swing radius(mm)	8500	8500	8500
X-Distance from swing center to tail(mm)	3420	3420	3420
Z-Counterweight height(mm)	2265	2265	2715
A1-Ground length (during transporting)(mm)	5750	5750	5950

Note: With the continuous improvement of technology, the parameters may change without notice, subject to the actual prototype



Performance Parameters

Model	ME335.8	ME360.8	ME390H.9
Operating Weight(T)	33	35	37.5
Bucket capacity(m3)	1.4-1.6	1.6-18	1.6-1.9
Engine model	CUMMINS 6LTAA8.9	CUMMINS 6LTAA8.9	ISUZU 6HK1X
Power(kw/r/min)	241/2000	241/2000	212/2000
Battery capacity (Kw/h)	595	595	595
Voltace (V)	5.2/3.3	5.2/3.3	5.2/3.3
Swing speed(r/min)	10.6	10.6	8.5
Gradeability(%)	70	70	70
Bucket digging force(KN)ISO	227	227	256
Arm length(mm)	3185	3185	2900
Boom (m)	6470	6470	6470
Ground pressure(KPa)	65	69.4	70.8
Hydraulic oil tank capacity(L)	310	310	310



ME520.9 ME760.9

High-end first-class core configuration

Cummins engine in accordance with stage III, excellent power
Isuzu engine in accordance with stage III, fuel-saving and energy-saving
International brand main pump and main valve
World brand hydraulic components to ensure high reliability of hydraulic system

Higher reliability and durability

Sturdy high-strength body
Reinforced movable arm, bucket bar and bucket structural parts
More coordinated comfort

Highly rigid new cab, quiet and comfortable

Color LCD monitor for easy monitoring and maintenance
Multiple operation modes available

Machine Dimensions

Model	ME520.9	ME760.9
A-Overall length(mm)	11600	12170
B-Overall width(mm)	3340	4256
C-Total height (Boom top)(mm)	4050	5050
D-Total height(Cap top)(mm)	3280	3530
E-Counterweight ground clearance(mm)	1300	1551
F-Min ground clearance(mm)	720	898
G-Turning radius of vehicle tail(mm)	3845	4000
H-Track length on the ground(mm)	4360	4720
J-Track shoe length(mm)	5390	5957
K-Track gauge(mm)	2740	3350(2750)
L-Track width(mm)	3340	4000(3400)
M-Track shoe width(mm)	600	650
N-Swing frame width(mm)	3240	3995

Operating Range

Model	ME520.9	ME760.9
O-Max digging height(mm)	10000	11165
P-Max dumping height(mm)	6760	7040
Q-Max digging depth(mm)	6260	7190
R-Max vertical wall digging depth(mm)	5620	6800
T-Max digging reach(mm)	10580	11750
U-Max digging reach at ground level(mm)	10360	11450
V-Min swing radius(mm)	4825	5200
W-Max height at min swing radius(mm)	9250	9180
X-Distance from swing center to tail(mm)	3845	4000
Z-Counterweight height(mm)	2860	2900
A1-Ground length (during transporting)(mm)	6520	7300

Note: With the continuous improvement of technology, the parameters may change without notice, subject to the actual prototype

Performance Parameters

Model	ME520.9	MH760.9
Operating Weight(T)	51.5	74.5
Bucket capacity(m3)	2.8-3.6	4.5
Engine model	ISUZU 6WG1	ISUZU 6WG1X
Power(kw/r/min)	300/1800	377/1800
Battery capacity (Kw/h)	650	950
Voltace (V)	4.8/3.0	4.8/3.0
Swing speed(r/min)	8.6	7.2
Gradeability(%)	70	70
Bucket digging force(KN)ISO	298	365
Arm length(mm)	2550	3020
Boom (m)	6560	6600
Ground pressure(KPa)	86	100
Hydraulic oil tank capacity(L)	335	660





施工案例 CONSTRUCTION CASES

