

///MX18G



ULTIMATE URBAN POWERHOUSE! CLASS-LEADING POWER WITH SUPREME LIFTING CAPACITY, WITH GO ANYWHERE COMPACTNESS!

- Compact upper carriage offering short tail swing radius from 1733 mm
- Unmatched Power and Efficiency with a High-Performance Hydraulic System
- Large comfortable ROPS cabin with low noise level at only 68 dB (A)
- Strong excavator with high digging speed and high breakout force

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HYDREMA
KEEPS YOU MOVING

TEKNISKE DATA

EXCAVATOR

Compact excavator with two-piece boom for all models. Build in high tensile steel with closed profiles. The dipper is available in lengths of 2.0 m, 2.5 m and 3.0 m. Hydraulic quick hitch and tilt rotator as options.

HYDRAULIC SYSTEM

Dual-circuit system with Load Sensing and high pressure hydrostatic slew system with separate pump. Electronic power control of the pump for the working hydraulics. Mode Control for precision work and ECO-Mode for fuel economy. Up to 3 hydraulic circuits for implements (2 are standard), adjustable from the cabin. Circuit 3 with priority of oil flow. Adjustable pressure and oil quantity for up to 10 tools.

OIL QUANTITIES:

Working hydraulics:	319	l/Min
Slew hydraulics:	88	l/Min
Hydraulic circuit 1 ZV1:	0-200	l/Min
Hydraulikkreds 2 ZV2:	0-100	l/Min
Hydraulikkreds 3 ZV3:	100-200	l/Min

OPERATION

Joysticks with 4 proportional servo functions, 1 proportional roller and 4 buttons. Optional hydraulics controlled by rollers. Two-piece boom operated with foot pedal independently of other features. Pressure and oil volume for optional hydraulics can be controlled electronically from the instrument panel. Joysticks with up to 3 rollers and 7 push buttons as option. Multi-adjustable armrests.

CHASSIS

- 6 possible undercarriage variants:
- Rear dozer blade (A1)
 - Front dozer blade(A1V)
 - Front/rear dozer blade (2xA1)
 - Front dozer blade/rear stabilizers (A3)
 - Front stabilizers/rear dozer blade (A3V)
 - Front/rear stabilizers (A4)

ENGINE

Cummins B 4.5L Stage 5 engine with DOC, DPF and SCR catalyst with AdBlue additive. 16-valve Common-Rail Turbo-diesel with intercooler. Max. 175 hp (129 kW) at 2200 rpm. Max. torque: 780 Nm at 1500 rpm. 165 hp (121 kW) is achieved already at 1500 rpm. Fuel tank 280 L. Ad Blue tank: 31.5 L.

BRAKES

Dual circuit system with oil immersed brakes on all wheels. Parking brake integrated in transmission Automatic excavation brake is standard.

SPECIFIKATIONER

Machine weight (A1-variant)	kg	16.000
Width over std. tyres, 10.00-20	mm	2530
Clearance height, cabin	mm	3120
Rear overhang, upper carriage	mm	1550
Swing radius, rear	mm	1733
Swing radius, front (L2.5)	mm	1870
Digging depth (L2.5)	mm	5130
Reach (L2.5)	mm	9045
Breakout force, bucket cyl. (ISO)	kN	106
Breakout force, dipper (ISO)	kN	70
Max. bucket size	m ³	0,80
Max. Traction (MX14 option)	kN	104 (111)

*Weight stated with 200 kg quick hitch and 400 kg bucket

AXLES

ZF axles with planetary reduction in the hubs. Brakes in all hubs for optimal dexcavation brake. Front axle with center bolt and pendulum lock. Oscillating angle: +/- 8°

DRIVING HYDRAULICS

Constant 4 wheel hydrostatic drive. Electrically controled drive motor and retarder. 2-speed soft shift powershift transmission for road and off-road gear.



Subject to change. Photos may be shown with optional equipment - 0855441 - 12/2024