

THE NEW **MX**-SERIES HYDREMA



*- extreme compact
mobile excavators*

TECHNICAL DATA: MX14 / MX16 / MX18

Excavator:

Compact excavator with 2 piece boom for all machines. Dipper: 6'7" / 8'2" / 9'10" lengths possible. Free choice of different undercarriage variants: Dozer blade front/ rear, Dozer blade front/ rear in combination with stabilizers front / rear. (A1= Dozer blade, A3=Dozer blade + stabilizers). Hydraulic quick hitch and Roto-tilt as option. Roto-tilt control integrated in dash board.

Hydraulic system:

Dual circuit with load sensing and high pressure hydrostatic slew system. Mode-Control and ECO-Mode. Up to 3 hydraulic options. Option 3 with priority.

Axles:

ZF axles with planetary hub reduction. Oil immersed brakes in all hubs for optimal digging brake. Front axle with center bolt and pendel lock.

Steering:

Hydraulic steering with emergency steering. Joystick steering as option.

Transmission:

ZF 2-speed powershift transmission with electronic shift system.

Brakes:

Dual circuit system with oil immersed brakes all wheels. Parking brake integrated in transmission.

Engine:

Cummins QSB 4.5 l. US EPA Tier I4 engine, with DOC Catalyst. Max. 119kW/162 hp. Engine torque 624 Nm / 461 lb.ft. Hydrostatic controlled variable fan.

Control:

Joysticks with 4 proportional functions, 2 rollers and 4 pushbuttons. Optional hydraulics controlled by rollers. Stabilizers controlled with foot pedals independent from other functions. Pressure and flow for optional hydraulics can be electronically controlled from the dash board. 10 different adjustments can be stored. Joysticks with 4 rollers and 5 pushbuttons as option.

Cab:

Very spacious ROPS cab with slide window, roof window, adjustable steering column and arm rests. Air condition with 7 adjustable air nozzles. Function adjustments can be stored over CAN BUS keypads or over the dash board. Very big rear view mirrors with electrical adjustment. Storage compartments under or behind the seat. Air suspended seat as option. 3,8 gal. cooling box as option. FOPS for roof and cab front as option.

DIMENSIONS:

Machine weight A1 / A3 lb.
Width over tyres ft.in.
Slew radius rear ft.in.

ENGINE:

Type
Power kW/hp
Emission
Cylinders
Torque at 1500 rpm Nm
Fuel tank Gal.

TRANSMISSION:

Type (Powershift)
Max. road speed mph
Off road speed mph
Creep speed mph

AXLES:

Front axle
Rear axle

SLEW SYSTEM

Rotation speed rpm
Slew torque lb.ft.

EXCAVATOR (spec. with 8' 2" dipper)

Reach ft.in.
Digging depth ft.in.
Max. cutting height ft.in.
Break out force, bucket lb.
Break out force, dipper lb.
Lift capacity at 19' 8" reach lb.

HYDRAULICS

System
Oil flow main pump / slew pump gpm
Max. Oil flow gpm
Pressure main pump / slew pump psi
Hydraulic option 1 gpm
Hydraulic option 2 gpm
Hydraulic option 3 gpm

MX14

MX16

MX18

32.400 / 35.500 35.500 / 38.600 39.500 / 42.500
8' 4" 8' 4" 8' 4"
5' 1" 5' 5" 5' 7"

Cummins QSB Cummins QSB Cummins QSB
119/162 119/162 119/162
US EPA tier I4 US EPA tier I4 US EPA tier I4
4 4 4
624 624 624
100 100 100

ZF 2 speed ZF 2 speed ZF 2 speed
24 24 22
0-6 0-6 0-5,6
0-2,2 0-2,2 0-2

ZF Steering axle ZF Steering axle ZF Steering axle
ZF Rigid axle ZF Rigid axle ZF Rigid axle

11.3 11.3 11.3
36.900 36.900 36.900

30' 1" 30' 1" 31' 11"
17' 4" 17' 4" 19' 2"
34' 10" 34' 10" 36' 8"
24.700 24.700 32.100
17.750 17.750 21.800
11,023 12,125 14,330

Dual circuit Dual circuit Dual circuit
84/23 84/23 84/23
108 108 108
5076 / 5874 5076 / 5874 5076 / 5874
0-53 0-53 0-53
0-24 0-24 0-24
26-53 26-53 26-53



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