

# THE NEW **MX**-SERIES HYDREMA

*- the worlds  
most compact  
mobile excavators*



## TECHNICAL DATA:

### MX14 / MX16 / MX18

#### Excavator:

Compact excavator with 2 piece boom for all machines. Dipper 2.0m , 2.5m, 3.0m 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 Stage 3b / 4 interim engine, with DOC Catalyst. Max. 119kW/162 Hp. Engine torque 624 Nm. 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 specious 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. 14,5 Litre. Cooling box as option. FOPS for roof and cab front as option.

## DIMENSIONS:

Machine weight A1 / A3 ..... t.  
Width over tyres ..... mm  
Slew radius rear ..... mm

## ENGINE:

Type .....  
Power ..... kW/hp  
Emission .....  
Cylinder .....  
Torque at 1500 rpm ..... Nm  
Fueeltank ..... Ltr.

## TRANSMISSION:

Type (Powershift) .....  
Max. road speed ..... Km/h.  
Off road speed ..... Km/h.  
Creep speed ..... Km/h.

## AXLES:

Front axle .....  
Rear axle .....

## SLEW SYSTEM

Rotation speed ..... rpm  
Slew torque ..... kNm

## EXCAVATOR (spec. with 2.5m dipper)

Reach ..... mm  
Digging depth ..... mm  
Max. cutting height ..... mm  
Break out force, bucket ..... kN  
Break out force, dipper ..... kN  
Lift capacity at 6m reach ..... Kg

## HYDRAULICS

System .....  
Oil flow main pump / slew pump ..... Ltr./Min.  
Max. Oil flow ..... Ltr./Min.  
Pressure main pump / slew pump ..... Bar  
Hydraulic option 1 ..... Ltr./Min.  
Hydraulic option 2 ..... Ltr./Min.  
Hydraulic option 3 ..... Ltr./Min.

## MX14

14,7 / 16,1  
2550  
1550

Cummins QSB  
119/162  
Stage 3b/4 interim  
4  
624  
380

ZF 2 speed  
38  
0-10  
0-3.5

ZF Steering axle  
ZF Rigid axle

11.3  
50

9160  
5280  
10610  
110  
79  
5000

Dual circuit  
319/88  
407  
350/405  
0-200  
0-90  
100-200

## MX16

16,1 / 17,5  
2550  
1640

Cummins QSB  
119/162  
Stage 3b/4 interim  
4  
624  
380

ZF 2 speed  
38  
0-10  
0-3.5

ZF Steering axle  
ZF Rigid axle

11.3  
50

9160  
5280  
10610  
110  
79  
5500

Dual circuit  
319/88  
407  
350/405  
0-200  
0-90  
100-200

## MX18

17,9 / 19,3  
2550  
1700

Cummins QSB  
119/162  
Stage 3b/4 interim  
4  
624  
380

ZF 2 speed  
35  
0-9  
0-3

ZF Steering axle  
ZF Rigid axle

11.3  
50

9730  
5850  
11170  
143  
97  
6500

Dual circuit  
319/88  
407  
350/405  
0-200  
0-90  
100-200



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