

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 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. 14,5 Litre. Cooling box as option. FOPS for roof and cab front as option.

DIMENSIONS:

Machine weight A1 / A3t.
Width over tyres mm
Slew radius rear mm

ENGINE:

Type
PowerkW/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



www.hydrema.com / hydrema@hydrema.com

SALES & SERVICE: DENMARK: A/S HYDREMA Danmark. Gl. Kirkevej 16. DK-9530 Støvring. Tel.: +45 98 37 13 33
GERMANY: HYDREMA Baumaschinen GmbH. Kromsdorfer Straße 18. DE-99427 Weimar. Tel.: +49 363 461 400
USA: HYDREMA US INC. 985 Union Hill Road. Alpharette, GA 30004. Tel. toll Free: +1 (877) 4 493736

SWEDEN: HYDREMA AB. Hjalmar Petris Väg 44. SE-352 46. Tel.: +46 470 200 70
UNITED KINGDOM: HYDREMA UK Ltd. Barugh Way, Melmerby Green Road. UK-Ripon HG4 5NB. Tel.: +44 17 65 64 19 40
A/S HYDREMA EXPORT. Gl. Kirkevej 16. DK-9530 Støvring. Tel.: +45 98 37 13 33

NORWAY: HYDREMA AS. Bergermoen. NO-3520 Jevnaker. Tel.: +47 613 140 11