MXG RAIL

17T/20T SUPER COMPACT RAIL EXCAVATOR. EXCELS WITH HIGH PERFORMANCE AND FLEXIBILITY. PERFECTLY BALANCED TO ENSURE OPTIMAL STABILITY!

- Highest hydraulic flow in its class
- Most compact machine in the 17 T and 20 T class
- Hydrema rail system with both low rail and high rail capabilities
- Powerful 175 hp Cummins EPA Tier 5 Final engine with DOC, DPF and SCR catalyst

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Hydrema

Email: hydrema@hydrema.com
www.hydrema.com

HYDREMA
KEEPS YOU MOVING

TECHNICAL 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.
Hydraulic quick hitch and tilt rotator as option.

HYDRAULIC SYSTEM
Dual-circuit system with Load Sensing and high pressure hydrostatic swing system with separate pump. Electronic power control of the working hydraulics pump. Mode Control for precision work and ECO-Mode for saving fuel. Up to 3 hydraulic options freely adjustable from the cab. Option 3: Oil flow priority. Freely adjustable pressure and oil quantity for up to 10 tools.

OIL QUANTITIES

Working hydraulics:	319	l/min
Swing hydraulics:	88	l/min
Hydraulic option 1 ZV1:	30-200	l/min
Hydraulic option 2 ZV2:	15-100	l/min
Hydraulic option 3 ZV3:	50-200	l/min

UNDERCARRIAGE DUAL RAIL MODE 9B/9C

- Rail-Keypad for undercarriage in left armrest
- Electronic monitoring for 9B/9C mode
- Rail Wheel diameter: Ø650
- BM quick hitch for attachments rear
- RCI / RCL standard
- Hydraulik emergency control.
- Mechanical steering wheel lock
- Service- and parkingbrake on all wheels
- Rear hydraulic option (50 L/ min)
- Connector for trailer light
- 2 Cameras (counterweight and right side)
- Trailer coupling front and rear
- Air trailer brake system (option)

RAIL SYSTEM
Hydrema Rail System. MX17/20 G rail is capable of working in two categories:

HIGH RAIL - Driveline and brakes work indirectly from tires (pull wheels) to rail wheels. Using 'high rail' the machine is lifted more than 100 mm above the tracks which ensures no conflicts with sensors and track switches. Operating in high rail mode provides maximum stability. Parking brake acts directly on the rail wheels.

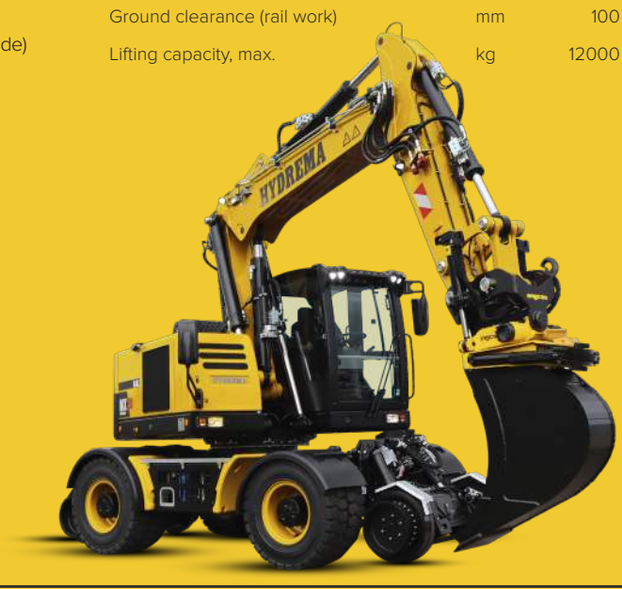
LOW RAIL - Rubber wheels runs directly on the tracks with traction and brakes acting directly from wheels to the tracks. Operating in low rail mode offers maximum tracktive effort. Rail wheels runs with constant pressure control and suspension to achieve very high safety and to avoid derailing. Being partly on rubber wheels provides comfortable driving. på gummihjul giver en komfortabel kørsel.

ENGINE
Cummins B 4.5L Stage 5 engine with DOC, DPF and SCR catalytist 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

DRIVING HYDRAULICS
Constant 4 wheel hydrostatic drive. Variable drive motor with brake valve. 2-speed soft shift powershift transmission for on-road and off-road gears.

STANDARD RAIL SINGLE CAB

DIMENSIONS		**MX17**		**MX20**	
		L2,0	**L2,5**	**L2,0**	**L2,5**
Machine weight	ton	19,6	19,65	20,5	20,55
Width over tires, 10.00-20	mm	2570	2570	2570	2570
Wheelbase rubber wheels	mm	2600	2600	2600	2600
Clearance height, cabin (in terrain)	mm	3120	3120	3120	3120
Clearance height, cabin (on rails)	mm	3220	3220	3220	3220
Transport height (rail work)	mm	4100	4100	4100	4100
Distance, pivot center to counter weight	mm	1700	1700	1700	1700
Swing radius, rear	mm	1700	1700	1839	1839
Swing radius, front	mm	1650	1990	1650	1990
Reach, max.	mm	8820	9320	8820	9320
Ground clearance (rail work)	mm	100	100	100	100
Lifting capacity, max.	kg	12000	11500	12000	11500



Subject to change. Photos may be shown with optional equipment - 085544 - 12025

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