

/// MXG RAIL

DOUBLE CAB H-DRIVE



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

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

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

- Undercarriage H-drive Railsystem 9B/9C
- Rail-Keypad for undercarriage in left armrest
- Electronic monitoring for 9B/9C mode
- Rail Wheel pressure to track shown in display
- Rail Wheel diameter: Ø650
- BM quick hitch for attachments rear
- BM-quick hitch front for attachments optional
- RCI / RCL
- Hydraulik emergency control
- Mechanical steering wheel lock
- Service- and parkingbrake maintenance free
- 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)
- 2 speed Wheel motors (Working / transport)
- Available track gauges:
 - 1435mm, 1520 mm, 1524 mm and 1600 mm
- Hydraulic differential Lock
- Optional extra rail clearance (rail work): 150mm

RAIL SYSTEM

Hydrema H-drive Rail system for 9A and 9C mode:

9A Hydraulic Direct drive rail wheels, with integrated service- and parking brake. 2 speed wheel motors for working and transport mode. Max speed 26 km/h. Standard wheels lifted 130 mm in 9A to avoid damage to rail sensors. Fully maintenance free brakes, high tractive effort, and no tire wear. Different track gauges available.

9C Rubber wheels driving direct on rails. Hydraulic Wheel motors in neutral. Traction from rubber wheels direct to tracks. Brakes both on rubber- and rail wheels. Constant hydraulic control on rail wheel pressure to tracks for maximum safety against derailling. Driving in 9C gives high comfort and very high tractive effort.

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

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.

CABIN

Spacious high comfort ROPS double cab. Comfortable room for ekstra personel for maximum safety. Emergency stop and acoustics alarm integrated.

MX RAIL DOUBLE CAB H-DRIVE

DIMENSIONS

		MX17		MX20	
		L2,0	L2,5	L2,0	L2,5
Machine weight	ton	20,4	20,45	21,3	21,35
Width over tires, 10.00-20	mm	2500	2500	2500	2500
Wheelbase rubber wheels	mm	2600	2600	2600	2600
Wheelbase rail wheels 9B	mm	4520	4520	4520	4520
Distance rubber wheels to tracks 9B*	mm	130	130	130	130
Clearance height, cabin (in terrain)	mm	3120	3120	3120	3120
Clearance height, cabin (on rails)	mm	3250	3250	3250	3250
Transport height (rail work)	mm	4130	4130	4130	4130
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	130	130	130	130
Lifting capacity, max.	kg	12000	11500	12000	11500

*Optional 150 mm



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