

# **MXG RAIL**

## **DOUBLE CAB**



**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 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

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**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.

## STANDARD RAIL DOUBLE CAB

### DIMENSIONS

|                                          |     | MX17  |       | MX20  |       |
|------------------------------------------|-----|-------|-------|-------|-------|
|                                          |     | L2,0  | L2,5  | L2,0  | L2,5  |
| Machine weight                           | ton | 19,9  | 19,95 | 20,8  | 20,85 |
| 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 |

## 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.

