

MX17. Wheeled Excavator.



Efficient, powerful and stable wheeled city excavator. Excellent lifting capacity and the market's most compact dimensions.

Key features

- A compact excavator with a short tail swing - only 1839 mm.
- High lifting capacity - e.g. 7.200kg at 6m over the dozerblade
- Powerful excavator with high digging speed and breakout force
- Large, comfortable ROPS cabin with 2021 updates
- Powerful 167 hp Cummins Stage 4 engine - high hydraulic output over 400 l / min

Technical Data.



Axles

ZF axles with 45% limited-slip differential lock and planetary reduction in the hubs. Brakes in all hubs for optimal excavation brake. Front axle with center bolt and pendulum lock. Oscillating angle: +/- 8°

Engine

Cummins QSB 4.5L Stage 4 engine with DOC and SCR catalyst with AdBlue. 16 valve Common-Rail Turbo diesel with intercooler, electronically variable turbo charger and EGR with cooling. Max power: 167 hp (123 kW) at 2000 rpm. Max. torque: 678 Nm at 1500 rpm. Fuel tank 300 L. AdBlue-tank: 19 L.

Hydraulic system

Dual-circuit system with Load Sensing and high pressure hydrostatic slew 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
Slew hydraulics:	88	l/Min
Hydraulic option 1 ZV1:	0-200	l/Min
Hydraulic option 2 ZV2:	0-100	l/Min
Hydraulic option 3 ZV3:	50-200	l/Min

Brakes

Dual circuit system with oil immersed brakes on all wheels. Parking brake integrated in transmission Automatic excavation brake is standard.

Chassis

6 possible undercarriage variants:

- Rear dozer blade (A1)
- Front dozer blade(A1V)
- Front/rear dozer blade (2x A1)
- Front dozer blade/rear stabilizers (A3)
- Front stabilizers/rear dozer blade (A3V)
- Front/rear stabilizers (A4)

Driving hydraulics

Constant 4 wheel hydrostatic drive. Variable drive motor with brake valve. 2-speed soft shift powershift transmission for road and off-road gear. Road gear 35 Km/H. Max. traction 111 kN.

Excavator

Compact excavator with two-piece boom for all models. Built in high tensile steel with closed profiles. The dipper is available in lengths of 2.0 m, 2.5 m and 3.0 m. Hydraulic quick hitch and tilt rotator as options.

Operation

Joysticks with 4 proportional servo functions, 1 proportional roller and 4 buttons. Optional hydraulics controlled by rollers. Two-piece boom operated with foot pedal independently of other features. Pressure and oil volume for optional hydraulics can be controlled electronically from the instrument panel. Up to 10 different configurations can be saved. Joysticks with 2 rollers and 5 buttons as optional equipment. Mode control for max. engine revs. with 4 modes. Adjustable idle stop.

Specifications

		MX17
Machine weight (A1)	kg	18.000
Width over std. tyres	mm	2530
Clearance height, cabin	mm	3120
Rear overhang, upper carr.	mm	1700
Swing radius, rear	mm	1839
Swing radius, front (L2.5)	mm	1990
Digging depth (L2.5)	mm	5410
Reach (L2.5)	mm	9320
Breakout force, bucket cyl. (ISO)	kN	126
Breakout force, dipper (ISO)	kN	82
Max. bucket size	m ³	1,00

*Weight with bucket

