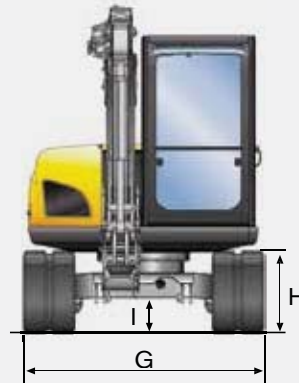


**6MCR
8MCR
10MCR**

TECHNICAL CHARACTER



WEIGHT

- Without load, in working order, without bucket, rubber tracks, with levelling blade, Full tank of fuel and operator
- Ground Pressure

	6MCR	8MCR	10MCR
Weight	5700 kg	7200/7600 kg*	9400/10000 kg*
Ground Pressure	0,32 kg/cm ²	0,31 kg/cm ²	0,37 kg/cm ²

ENGINE

Turbo charged engine with intercooler compliant

	6MCR	8MCR	10MCR
Brand	DEUTZ	CUMMINS	CUMMINS
Type	TD 2,9 L4	4BT3.3 TAA	QSB3.3
Diesel	4 in-line cylinders	4 in-line cylinders	4 in-line cylinders
Horsepower (DIN 70020)	55,4kW (75,3hp)	60kW (81hp)	74kW (100hp)
Engine speed	2,300 rpm	2,200 rpm	2,200 rpm
Max. torque	260 Nm at 1,800 rpm	294 Nm at 1,600 rpm	415 Nm rpm at 1,600
Cubic capacity	2 925 cm ³	3 300 cm ³	3 300 cm ³
Cooling	water	water	water
Air filter	Cyclonic, dry, cartridge	Cyclonic, dry, cartridge	Cyclonic, dry, cartridge
Fuel consumption (depending on operating conditions)	.8 to 9 l/h	8 to 9 l/h	7 to 11 l/h
External sound level	99 dB(A)	100 dB(A)	98 dB(A)

ELECTRICAL CIRCUIT

	6MCR	8MCR	10MCR
Batteries	12 V (175 A)	12 V (175 A)	12 V (175 A)
Voltage	12 V	12 V	12 V
Alternator	14 V (95 A)	12 V (55 A)	12 V (60 A)
Starter	12 V (2.6 kW)	12 V (2.7 kW)	12 V (2.7 kW)

UNDERCARRIAGE

	6MCR	8MCR	10MCR
Central X frame chassis. Triangular beams			
Rubber tracks, width	400 mm	450 mm	450 mm
Travelling rollers/Support roller	5/1	6/1	6/1
Chain tension: sprung shock absorber with grease stress chamber.			
Levelling blade actuated by a cylinder with safety valve.			
Width	2030 mm	2100 mm	2300 mm
Height	330 mm	423 mm	420 mm
Lift height/ground	358 mm	377 mm	468 mm
Max. depth underground	340 mm	327 mm	248 mm

TRANSMISSION

Closed circuit hydrostatic transmission **SENSO DRIVE**

Transmission hydraulics:

- 1 dual variable displacement pump, automotive power control.

	6MCR	8MCR	10MCR
Flow rate	2x100 l/min	2x100 l/min	2x107 l/min
Maximum pressure	330 bars	360 bars	330 bars
2 x 2 speed gear motors with automatic brakes.			
Foot pedal control in excavator mode.			
Control lever control in compact loader mode.			
Tractive force	4000 daN	5400 daN	6800 daN
Travelling speed Range I	5.0 kph	5.0 kph	4.5 kph
Travelling speed Range II	10.0 kph	10.0 kph	9 kph

HYDRAULIC SYSTEM

Attachment and rotation circuit

	6MCR	8MCR	10MCR
Variable displacement pump:	45 cm ³	45 cm ³	75 cm ³
ACTIVE CONTROL power control			
"Load Sensing - Flow Sharing" type 7SX12 LUDV main control valve block, proportionality of functions maintained regardless of the pressure level in individual elements.			
Maximum flow rate	90 l/min	100 l/min	140 l/min
Maximum working pressure	280 bars	280 bars	300 bars

Accessory line

- Variable flow rate between 30 and 100 l/min (80 l/min standard)
- Pressure can be set between 100 and 280 bar (180 bar standard)
- Accessory control by proportional hydraulic control integrated in the right control lever.

Operating modes

- **EXCAVATOR MODE** enables the machine to be operated like an excavator:
 - Turret rotation and dipperstick control with the left control lever,
 - Bucket and intermediate boom or boom control with the right control lever
 - Travelling control using foot pedals.
- The **COMPACT LOADER MODE** enables the machine to be operated like a tracked compact loader:
 - Travelling and counter rotation with the left control lever.
 - Lifting (intermediate boom) and bucket controlled with the right control lever.
 - Rotation "recovery" capability with the left control lever.

* depending on configuration

