TECHNICAL DATA

Manufacturer		MONTINI		MONTINI		MONTINI	MONTINI	MONTINI	
Model		**MR6**		**MR7**		**MR8**	**MR9**	**MR10**	
Power unit: electric, diesel, petrol, L.P. gas, electric mains		Electric		Electric		Electric	Electric	Electric	
Drive type: hand, pedestrian, stand-on, sit-on, order picker		Sit-on		Sit-on		Sit-on	Sit-on	Sit-on	
Capacity/Load	Q (t)	6		7		8	9	10	
Load centre	c (mm)	600		600		600	600	600	
Load distance (without sideshift)	x (mm)	707		707		707	735	735	
Wheelbase	y (mm)	2500		2500		2500	2500	2500	
Tyres: superelastic (SE), cushion (C), pneumatic (PN), twin (G)		SE	SEG	SE	SEG	SEG	SEG	SEG	
Tyre size, front	mm	355/65-15	8,25-15	355/50-20	8,25-15	8,25-15	315/70-15	315/70-15	
Tyre size, rear	mm	250/70-15		250/70-15		250/70-15	250/70-15	250/70-15	
Wheels: number, front/rear (x=drive wheel)		2x/2	4x/2	2x/2	4x/2	4x/2	4x/2	4x/2	
Track width, front	b10 (mm)	1330	1550	1390	1550	1550	1658	1658	
Track width, rear	b11 (mm)	1403		1403		1403	1403	1403	
Maximum tilt of mast/fork carriage, forward/backward	Degrees	5°/10°		5°/10°		5°/10°	5°/10°	5°/10°	
Overhead guard height	h6 (mm)	2950		2950		2950	2950	2950	
Length to face of forks	ℓ2 (mm)	3683		3683		3683	3721	3721	
Overall width	b1/b2 (mm)	1650/1650	2050/1650	1710/1650	2050/1650	2050/1650	2272/1650	2272/1650	
Fork dimensions	s/e/l (mm)	60/200/1200		60/200/1200		70/200/1200	70/200/1200	70/200/1200	
Fork carriage ISO 2330, class/type A, B		4A		4A		4A	5A	5A	
Minimum fork carriage width	b3 (mm)	1450		1450		1450	1800	1800	
Turning radius	Wa (mm)	2981		2981		2981	2981	2981	
Travelling speed, laden/unladen	km/h	17/18		16/18		15/18	14/18	13/18	
Lifting speed, laden/unladen	m/s	0,34/0,42		0,32/0,42		0,35/0,42	0,35/0,42	0,35/0,42	
Lowering speed, laden/unladen	m/s	0,53/0,45		0,53/0,45		0,53/0,45	0,53/0,45	0,53/0,45	
Gradeability, laden/unladen (S2 30')	%	18/33		16/31		14/28	12/26	10/24	
Maximum gradeability, laden/unladen (S2 5')	%	23/42		21/40		19/36	17/34	15/32	
Service brake		hydraulic/ electric		hydraulic/ electric		hydraulic/ electric	hydraulic/ electric	hydraulic/ electric	
Rated voltage/capacity 5h	V/Ah	96/805-1150		96/1035-1550		96/1035-1550	96/1250-1550	96/1250-1550	
Type of electronic control		inverter		inverter		inverter	inverter	inverter	
Operating pressure for attachments	bar	250		250		250	250	250	

EQUIPMENT VARIANTS

	MR6	MR7	MR8	MR9	MR10
DRIVER'S SEAT					
Low operating costs due to low energy consumption in all duty cycles and long maintenance intervals	●	●	●	●	●
Steel overhead guard	●	●	●	●	●
Cab with weatherproof protection (closed with rigid or PVC doors)	○	○	○	○	○
Front, rear and upper glasses (all with windscreen wipers and washers)	○	○	○	○	○
Pedalboard with single pedal and forward/backward button on the joystick	●	●	●	●	●
Pedalboard with forward-backward double pedal	○	○	○	○	○
Glove compartment	●	●	●	●	●
Height- and incline-adjustable steering wheel in one movement	●	●	●	●	●
Rotation of the driver's seat up to 90° for driving in reverse in the event of limited front visibility, for reducing occupational diseases	○	○	○	○	○
Multifunction colour display and function keys, with IP67 protection	●	●	●	●	●
Grammer seat "Primo L" with leatherette cover	●	●	●	●	●
Grammer seat "Primo L" with pneumatic suspension	●	●	●	●	●
Fabric cover, left armrest, lumbar support, height adjustable backrest	○	○	○	○	○
Heated seat	○	○	○	○	○
Handles for easy access to the driver's seat	●	●	●	●	●
Vibrations reduced by separating the cab from the frame	●	●	●	●	●
Document pocket on the seat back	●	●	●	●	●
Radio/MP3 player with USB port	○	○	○	○	○
Sun visor and sunblind	○	○	○	○	○
Electric heating (including defroster vent)	○	○	○	○	○
Air conditioning	○	○	○	○	○
Version suitable for cold storage room (with display and oil for hydraulic controls that can be used down to -30°C)	○	○	○	○	○
MAST					
Mast DX T.V.	●	●	●	●	●
Mast DX T.F.L.	○	○	○	○	○
Mast TX T.F.L.	○	○	○	○	○
Customisable load protection grid	○	○	○	○	○
Mast with automatic vertical position	○	○	○	○	○
Hydraulic accumulator to dampen load vibrations	○	○	○	○	○
Mast bearings already greased and maintenance free	●	●	●	●	●
Angle of forward/backward tilt - 5/10 degrees	●	●	●	●	●
TYRES					
Single superelastic tyres	●	●	–	–	–
Twin superelastic tyres	○	○	●	●	●
HYDRAULICS					
Quite operation hydraulic pump	○	○	○	○	○
Hydraulic control valve with proportional valves for particularly sensitive movements	●	●	●	●	●
Possibility to set the parameters of the hydraulic functions individually	●	●	●	●	●
Joystick with 2 active functions	●	●	●	●	●
Joystick with 3 and 4 active functions	○	○	○	○	○
Intake filtering for a maximum reduction of contamination in the oil	●	●	●	●	●
FUNCTIONS					
Energy-saving program	●	●	●	●	●
Continuous acceleration and reverse operation without vibration	●	●	●	●	●
Operating hour meter only with traction and pump motors in operation	●	●	●	●	●
Super Steering System up to 101 degrees	●	●	●	●	●
BRAKE					
Wear-resistant oil-bath disc brake	●	●	●	●	●
Closed circuit, oil-cooled gearbox with oil-air exchanger	●	●	●	●	●
Braking energy recovery: at slowdown, release, reverse	●	●	●	●	●
Electro-hydraulic parking brake	●	●	●	●	●
SAFETY					
Low load centre of the vehicle to ensure the best stability	●	●	●	●	●
"All-glass" overhead guard	○	○	○	○	○
Protection grid on the overhead guard	○	○	○	○	○
Easy access to the maintenance points	●	●	●	●	●
LED working lights and lighting	○	○	○	○	○
LED brake and reverse lights	●	●	●	●	●
Adjustable speed limit	○	○	○	○	○
Signalling device (with blue bright spot)	○	○	○	○	○
Automatic engagement of the parking brake and opening of the general remote control switch when the driver leaves the seat	●	●	●	●	●
Verification that the seat belt is fastened	●	●	●	●	●
Password for access	○	○	○	○	○
Verification of the data of battery - battery charger and recording of shocks to the forklift truck (via GPRS)	○	○	○	○	○
Rapid recognition of electrical faults via remote data transmission (Remote Control)	○	○	○	○	○
Automatic speed reduction when turning	●	●	●	●	●
Operator retention system (sidebars)	○	○	○	○	○
IP54 traction motors	●	●	●	●	●
BATTERY					
Battery removable laterally and mechanically	●	●	●	●	●
Battery removable laterally and hydraulically	○	○	○	○	○

● Standard ○ Optional – Not available

Other fittings and extras available on request.