

HTH

16.10

The HTH 16.10 telescopic handler is ideal for moving large, bulky loads in complete safety. Able to lift up to 16 tonnes, it is compatible with a wide range of accessories, making it extremely versatile. Equipped with an RFID system which provides automatic recognition of the various attachments used, this telescopic handler is able to meet a wide range of applications in heavy industry. Its four-wheel drive system, three manoeuvring modes and high ground clearance makes it highly manoeuvrable on all terrains.



MAIN SECTORS



HEAVY
INDUSTRY



HEAVY
LOGISTICS



MINING &
QUARRING

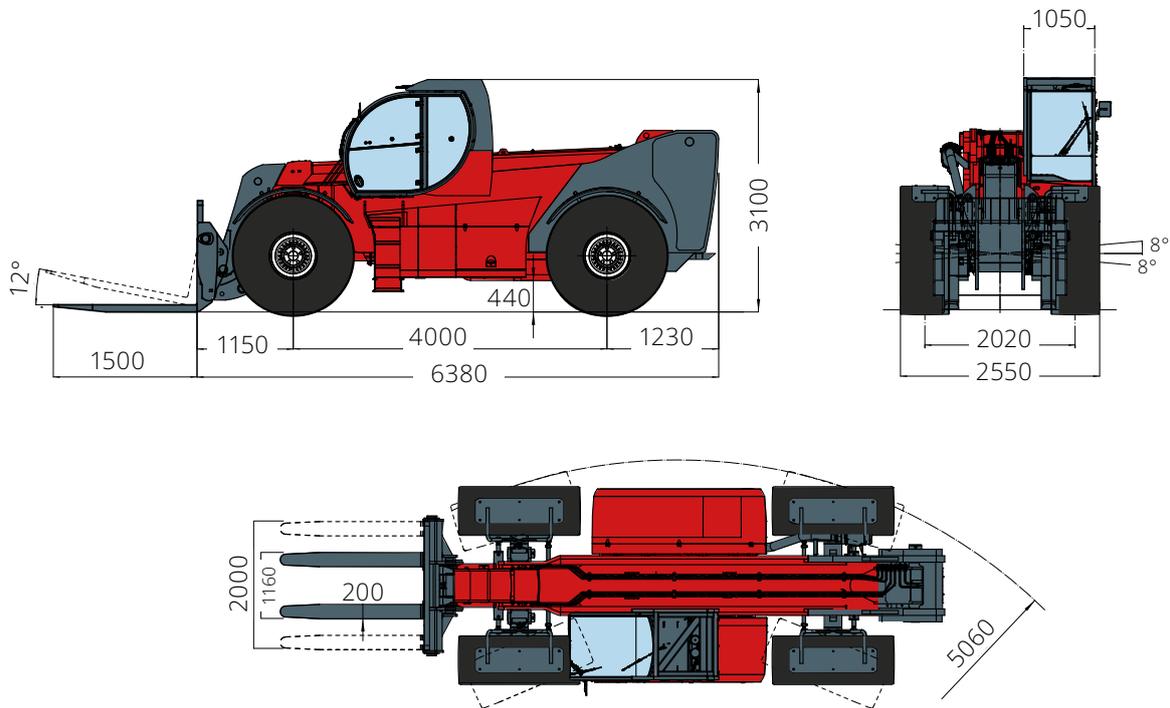


SPECIAL
PROJECTS

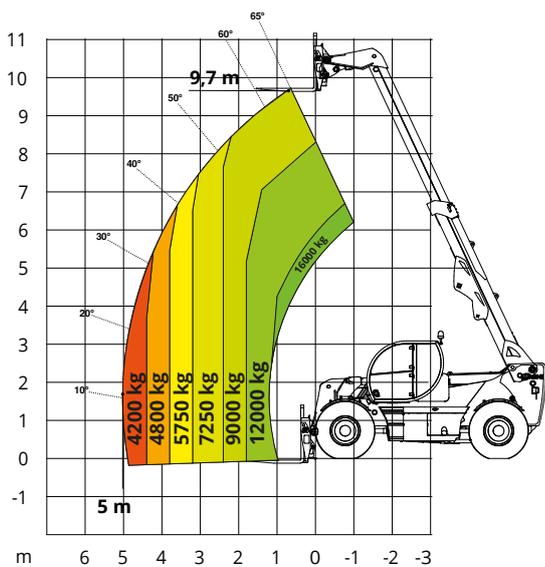
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Machine model	Maximum lifting capacity	16,000 kg
	Load center	600 mm
	Maximum lifting height	9.70 m
	Maximum reach	5.00 m
Engine	Type	Volvo TAD582 VE - Stage V Volvo TAD572 VE - Stage IV Volvo TAD552 VE Stage IIIA
	Rated power	100 kW (136 hp) @ 2,200 rpm
	Maximum torque	500 Nm @ 1,600 rpm
	Displacement	3.6 l
	Cylinders	4 in line
	Engine configuration	Turbocharged direct injection diesel
	Cooling system	Water - intercooler
Cab	FOPS-ROPS tested hermetic cab with protectors	•
	Front, rear and upper wiper	•
	Headlights for road circulation, flashing beacon	•
	Rear view mirrors	•
	Heating - Air conditioning	•
Controls	Multi-function electro proportional joystick	•
	Heavy Duty with epicyclic reduction	•
	One steering cylinders each axle	•
	Levelling correction front axle	+ 8° on the right and + 8° on the left
Axles and brakes	3 types of steering	- with front steering - with round steer - with crab steering
	Tilting rear axle	•
	Hydraulic servo-assisted multidisc brake in oil bath on both axles, with double circuit	•
	Negative parking brake	•
	Tyre size	445/65 - R22,5 ** two each axle, driving and steering
Performance	Max. travel speed	40 km/h
	Drawbar pull	84 kN
	Gradeability	66%
	Turning radius (at wheels)	4,100 mm
Weights	Total unladen	13,100 kg
	Front axle unladen (boom retracted and lowered)	4,600 kg
	Rear axle unladen (boom retracted and lowered)	8,500 kg
Transmission	Hydrostatics	Rexroth / Danfoss
	Variable displacement hydrostatic pump with electronic control	•
	Variable displacement hydrostatic motor	One
	Gearbox	Gearbox with 2 speeds forward / reverse
Hydraulic circuit	Load sensing piston pump	•
	Circuit at 350 bar	•
	Proportional hydraulic electrovalve	Danfoss
	Suction and return line filters	•
	High pressure flexible hoses	•
Tanks capacities	Diesel fuel tank	195 l
	AdBlue*	10 l
	Hydraulic fluid	190 l
	Engine oil	9 l
Safety	Cooliant	20 l
	Electronic safety system which controls the load with definition of the lifted load, radius and comparison with the diagrams stored	•
	Block of aggravating movements of the load	•
	Safety valves on cylinders	•

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Load chart
with forks



Load chart **with tyres clamp**
model TC 08.63

