MAGNI
TELESCOPIC HANDLERS

HTH 20.10

MINING & QUARRYING

HEAVY LOGISTICS

DEFENCE

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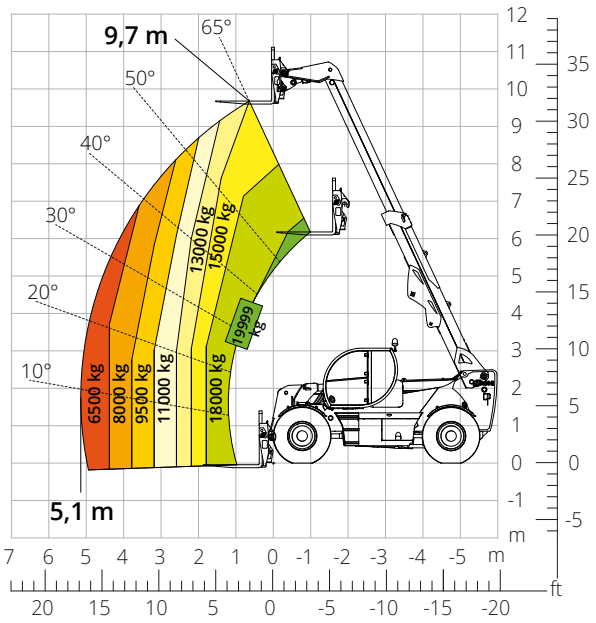
Load chart

FRONT ATTACHMENT ON TYRES (WORLD NOT AUS)

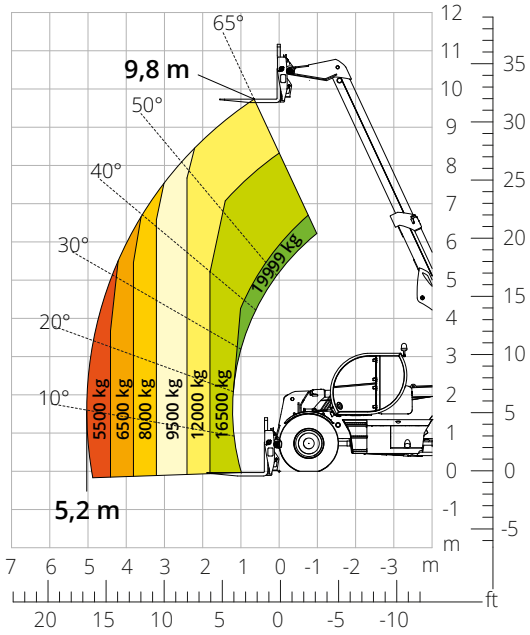
ATT-03-026



Load chart

FRONT ATTACHMENT ON TYRES (AUS)

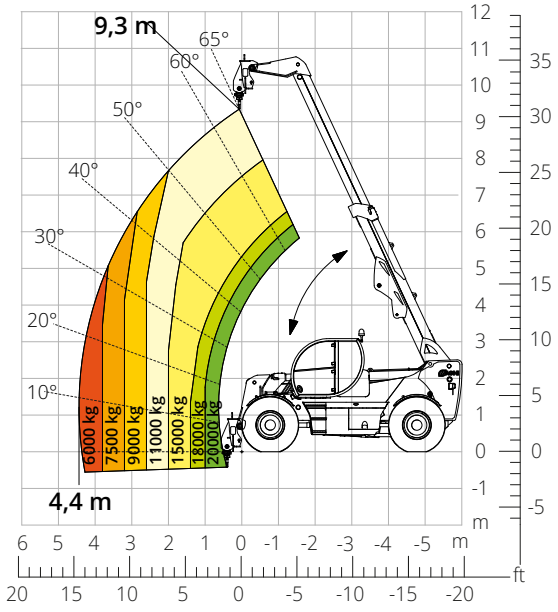
ATT-03-026



Load chart with

HOOK, 20,000 kg

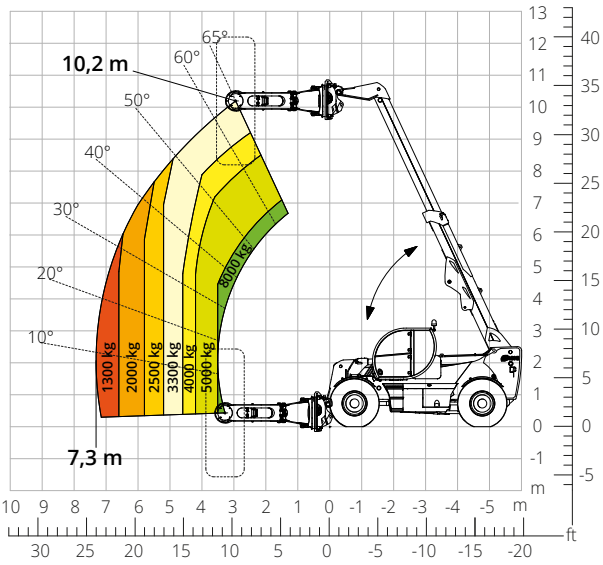
ATT-05-008



Load chart with

TYRE HANDLER, 8,000 kg

ATT-06-006



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Machine model	Telescopic handler	HTH 20.10	
	Maximum lifting capacity	19.999 kg	
	Maximum lifting height	9.70 m	
	Maximum reach	5.10 m	
Engine	Model	**Volvo TAD582 VE-Stage V**	**Volvo TAD552 VE-Stage IIIA**
	Rated power	160 kW (218 hp) at 2,300 rpm	
	Maximum torque	925 Nm at 1,380 rpm	
	Displacement	5.13 l	
	Cylinders	4 in line	
	Engine type	Turbocharged direct injection common rail diesel	
	Cooling system	Water – intercooler	
Transmission	Type	Hydrostatic	
	Maximum pressure	450 bar	
	Gearbox	Dropbox, 2 speeds forward-reverse	
Axles and brakes	Type	Heavy-duty with planetary gearboxes	
	Front axle	Steering and levelling	
	Rear axle	Steering and oscillating	
	No. of driving - steering wheels	4WD - 4WS	
	Steering mode	Frontal/Concentric/Crab	
	Service brake	Servo-assisted pedal, acting on front and rear wheels	
	Parking brake	Hydraulic with negative action on front and rear axles	
	Tyre sizes	16,00- R 25	
Performance	Max. travel speed	25 km/h	
	Gradeability (unladen)	64%	
	Turning radius	5,729 mm	
Weights	Total unladen*	24,000 kg	
	Front axle unladen (boom retracted and lowered)*	8,000 kg	
	Rear axle unladen (boom retracted and lowered)*	16,000 kg	
Tank and system capacities	Diesel fuel	200 l	
	AdBlue	40 l	
	Hydraulic fluid	210 l	
	Engine oil	16 l	
	Coolant	47 l	
Hydraulic circuit for movements	Circuit type	Load sensing	
	Service pump	Variable displacement	
	Max. hydraulic flow rate	165 l/min	
	Max. boom head flow rate	100 l/min	
	Max. working pressure	350 bar	
	Distributor for boom movements	Proportional hydraulic distributor	
	Movements control	Multifunction electro-proportional joystick	

Standards met

2006/42/EC: EU Machinery Directive
2016/1628: EU Regulation on the emissions of stage V engines
EN 1459-X: Relating to standards on the safety requirements for variable reach machines
ROPS/level 2 FOPS: relating to the standards for protective structures

The data given in this brochure are provided for information purposes and are subject to change without prior notice.
All images are purely guideline and might not give an exact representation of the product.
**the stated weight refers to the vehicle unladen with standard equipment and may vary depending on the chosen configuration.*

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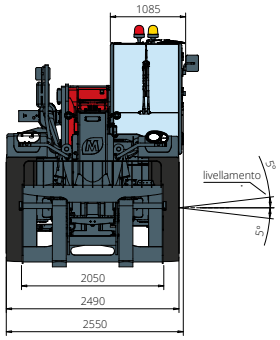
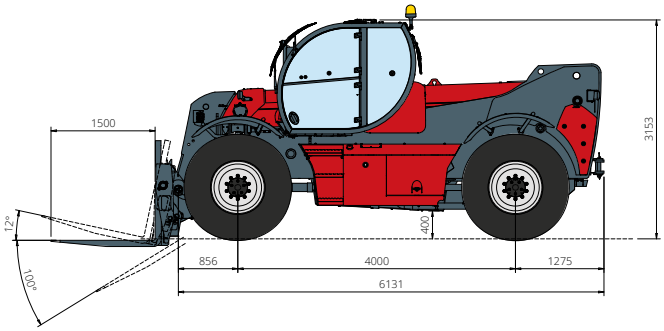
DIMENSIONS (mm)

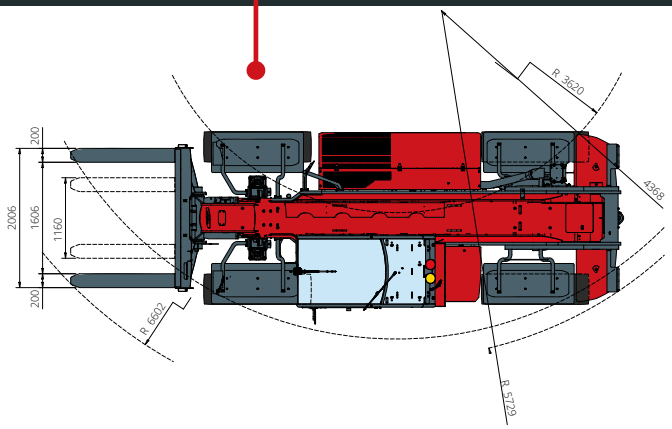




FRONT view

TOP view

SIDE view



The standard machine configuration includes:

CAB

- Comfort seat
- Adjustable steering column
- Analogue joypad
- Heating
- Air conditioning
- FM/AM radio with USB and Bluetooth connectivity
- USB Type-A (5 V) inputs

TECHNICAL SPECIFICATIONS

- Q-Fit Heavy-Duty
- Two-line CAN BUS system
- Automatic front and rear wheel alignment
- Automatic parking brake
- Mechanical battery cut-off in engine compartment
- Electrical system: 24 V – IP67

REAL TIME INFORMATION

- Touchscreen, 7”
- MCTS – Magni Combi Touch System on-board software
- Automatic RFID tools recognition system
- LMI – Load Moment Indicator
- Onboard and remote integrated diagnostics

SERVICE

- MyMagni by Trackunit connectivity system (2 years)
- Warranty: 24 months/2,000 hours

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