



CONSTRUCTION



LOGISTICS



MINING &
QUARRYING



OIL



TH

7.10

TH
7.10



CAB

Best-in-class
safety and visibility



PERFORMANCE

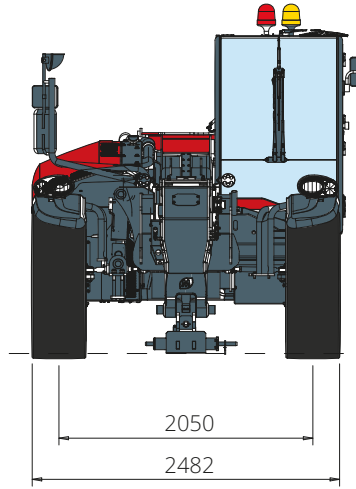
Unrivalled lifting
performance



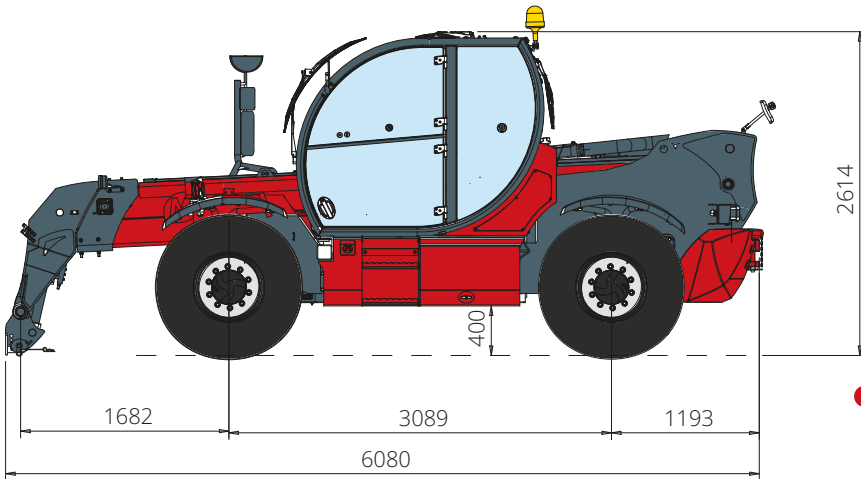
LOAD LIVE DIAGRAM

Three real-time dynamic
load charts

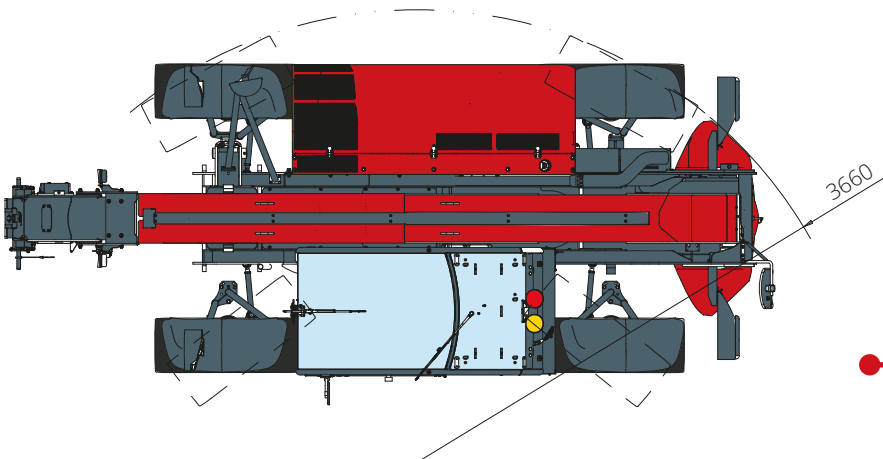
DIMENSIONS (mm)



FRONT
view



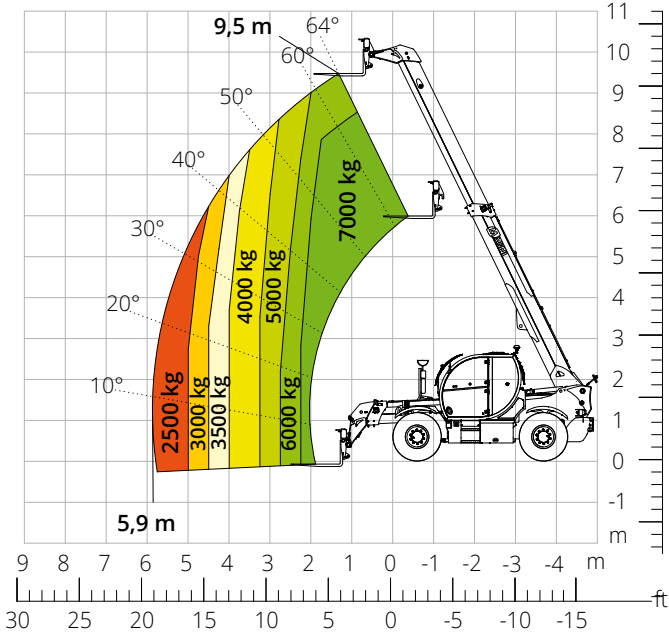
SIDE
view



TOP
view

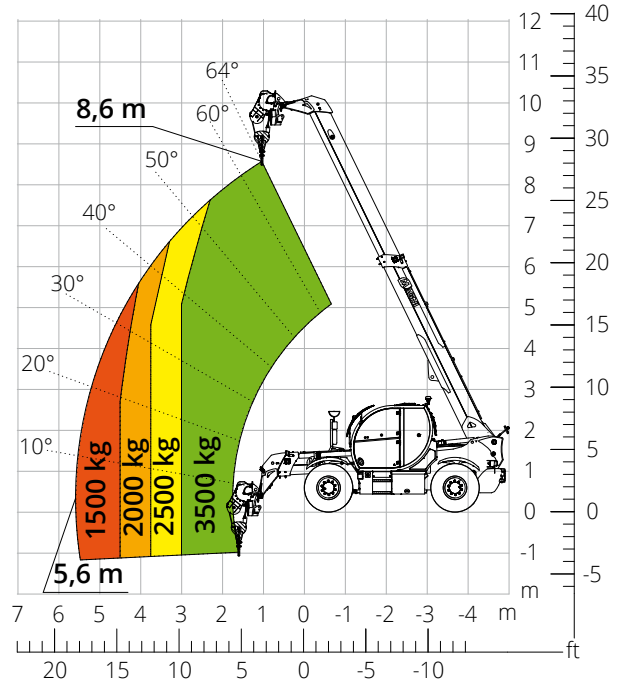
Load chart
FRONT ATTACHMENT ON TYRES

ATT - 03 - 011



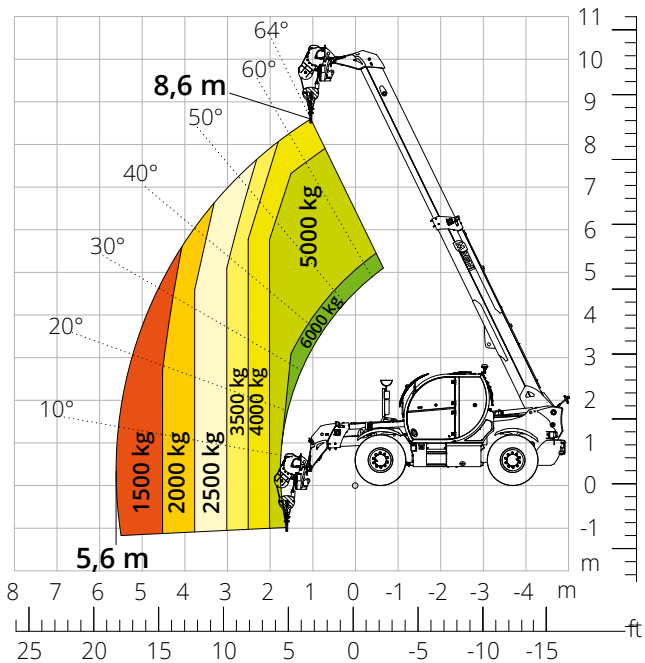
Load chart with
WINCH 3,500 kg

ATT - 02 - 002



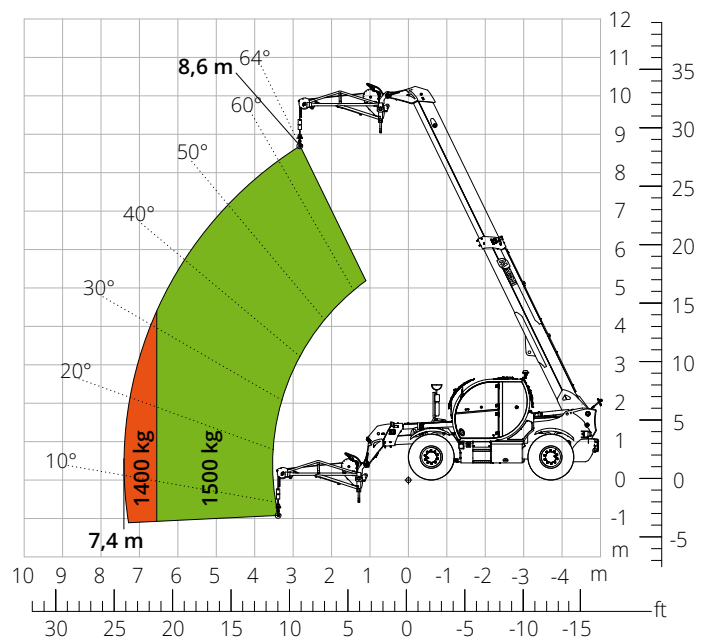
Load chart with
WINCH 6,000 kg

ATT - 02 - 004

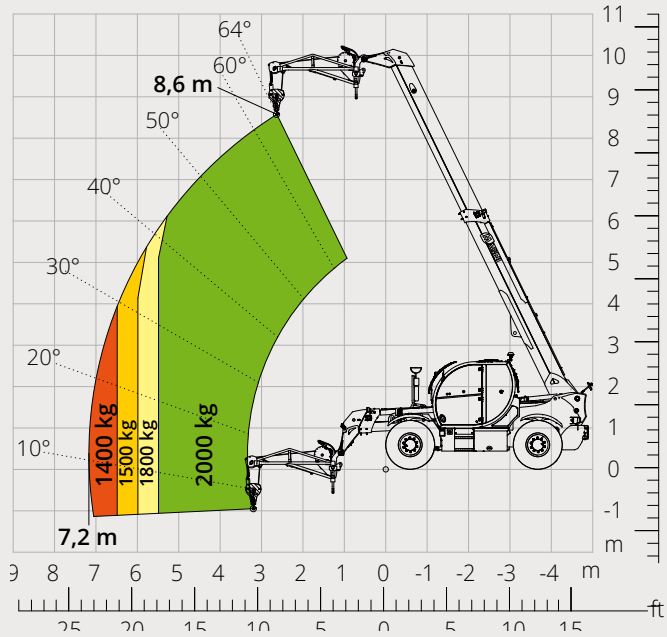


Load chart with
JIB WITH WINCH 1,500 kg

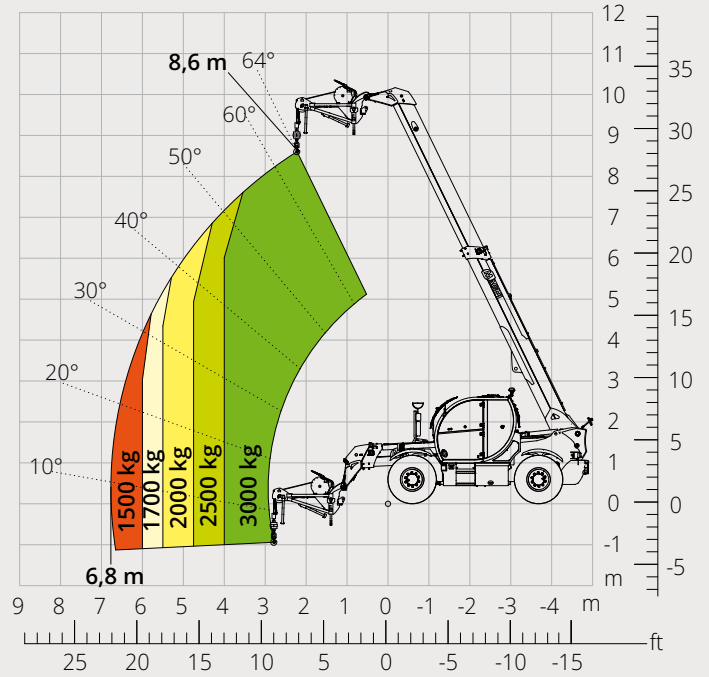
ATT - 04 - 011



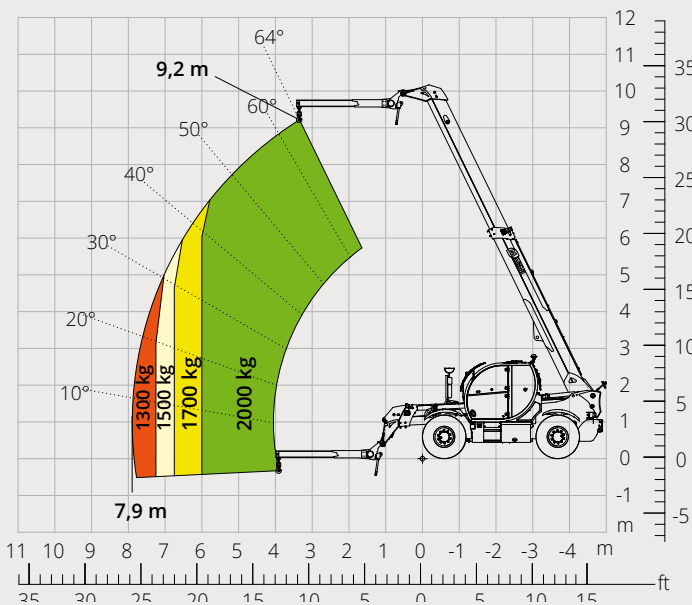
Load chart with
JIB WITH WINCH 2,000 kg
 ATT - 04 - 015



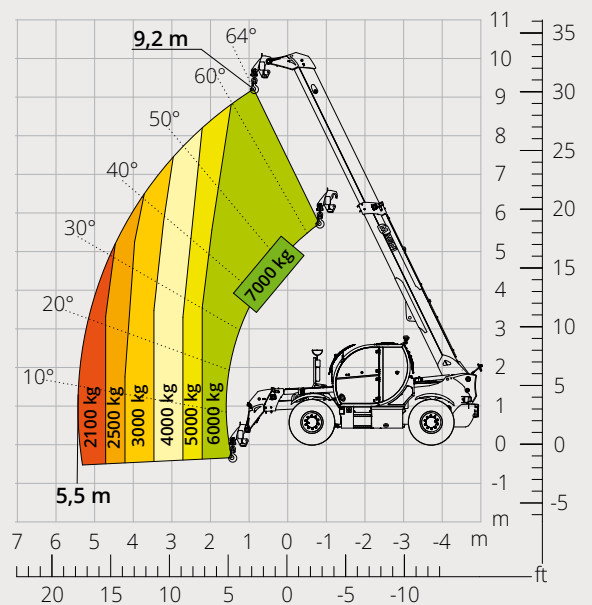
Load chart with
JIB WITH WINCH 3,000 kg
 ATT - 04 - 019



Load chart with
JIB 2,000 kg
 ATT - 04 - 013

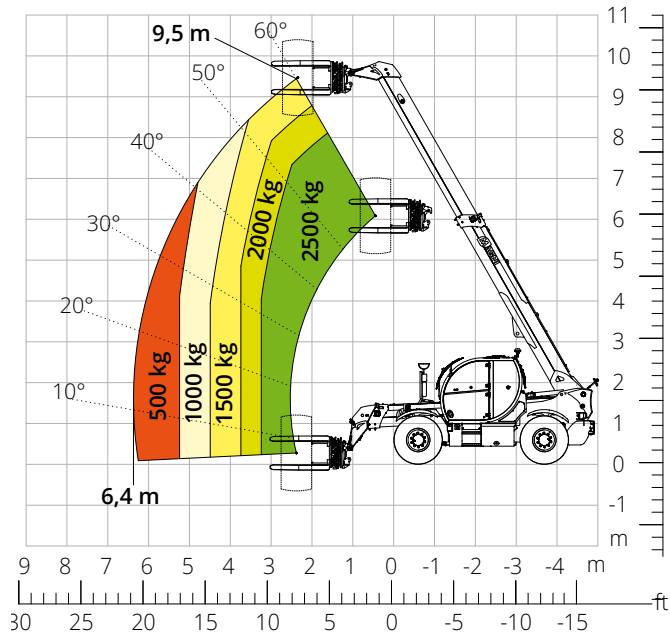


Load chart with
HOOK, 7,000 kg
 ATT - 05 - 002



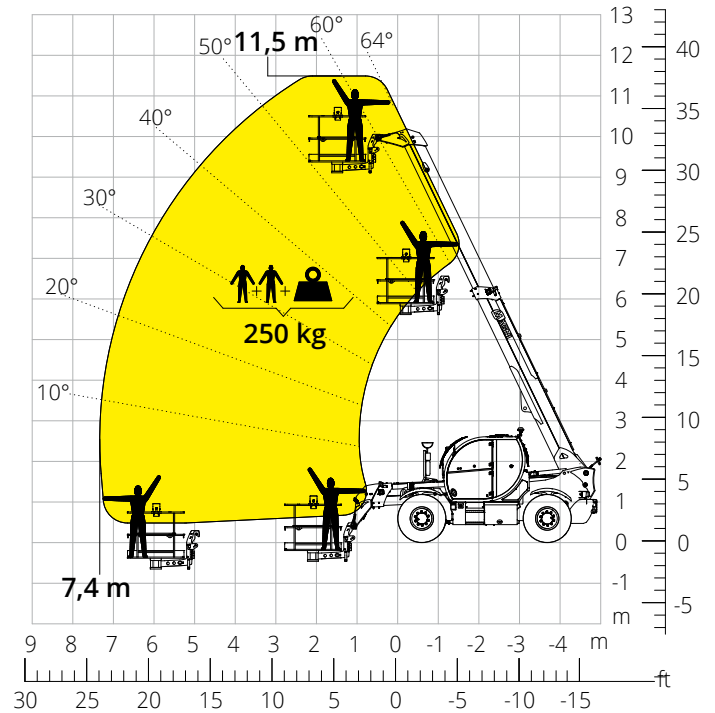
Load chart with
TYRE HANDLER, 250 kg

ATT - 06 - 003



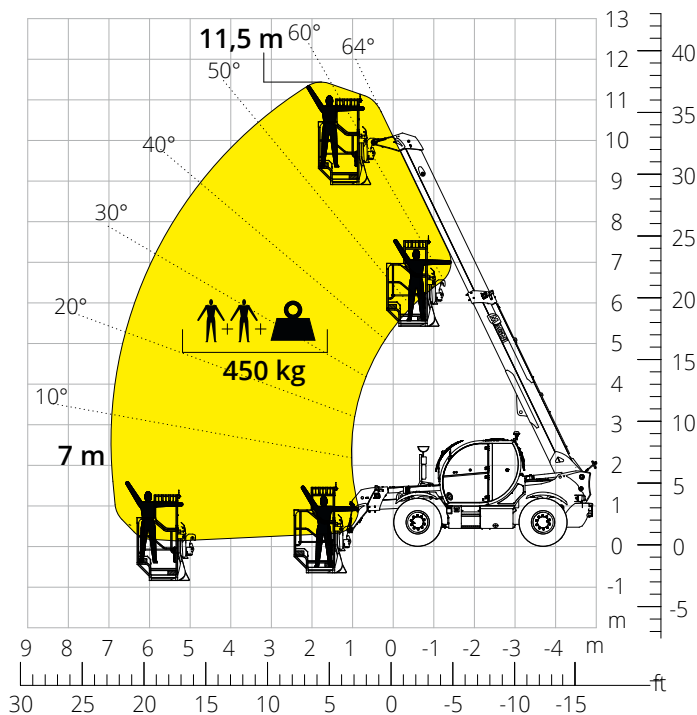
Load chart with
FIXED EXTENDABLE PLATFORM, 250 kg

ATT - 01 - 003



Load chart with
PLATFORM, 450 kg, FOR MINES

ATT - 01 - 027



Machine model	Telescopic handler	TH 7.10	
	Maximum lifting capacity	7,000 kg	
	Maximum lifting height	9.50 m	
	Maximum reach	5.90 m	
Engine	Model	Deutz TCD 3.6 L4 Stage V	Deutz TCD 3.6 L4 EDG Stage IIIA
	Rated power	55.4 kW (75.3 hp) at 2,200 rpm	
	Maximum torque	405 Nm at 1,300 rpm	390 Nm at 1,300 rpm
	Displacement	3,620 cm ³	
	Cylinders	4 in line	
	Engine type	Turbocharged direct injection diesel	
	Cooling system	Water - intercooler	
Transmission	Type	Hydrostatic	
	Maximum pressure	500 bar	
	Gearbox	Dropbox, 2 speeds forward-reverse	
Axles and brakes	Type	Axles with planetary gearboxes	
	Front axle	Oscillating and steering with levelling +/- 8°	
	Rear axle	Oscillating and steering with hydraulic locking	
	No. of steering wheels	4WS	
	Steering mode	Frontal/Concentric/Crab	
	Service brake	Hydraulically operated wet multi-disk brakes on each axle	
	Parking brake	Spring applied hydraulic release Multi-disk brake (S.A.H.R.)	
	Tyre sizes	445/65 R22,5	
Performance	Max. travel speed	35 km/h	
	Drawbar pull	72 kN	
	Maximum mass towable on hook	3,100 kg	
	Gradeability	59%	
Weights	Turning radius (at forks)	5,290 mm	
	Total unladen*	11,900 kg	
	Front axle unladen (boom retracted and lowered)*	3,900 kg	
	Rear axle unladen (boom retracted and lowered)*	8,000 kg	
Tank and system capacities	Diesel fuel	145 l	
	AdBlue	-	
	Hydraulic fluid	90 l	
	Engine oil	9 l	
	Cooling liquid	20 l	
Hydraulic circuit for movements	Circuit type	Load sensing	
	Service pump	Variable displacement	
	Max. hydraulic flow rate	90 l/min	
	Max. boom head flow rate	75 l/min	
	Max. working pressure	350 bar	
	Controls for boom movements	SIL 2 electro-proportional valve	
	Movements control	1 joystick Danfoss with FNR switch and dead man safety device - Management with CAN bus technology	
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		
	EN 280/EN 280-1/EN 280-2: standards relating to mobile elevating work platforms (if available)		
	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.

The standard machine configuration includes:

CAB

- Comfort seat with adjustable headrest
- Adjustable steering column
- Analogue joypad
- Adjustable sunblind
- Heating
- Ambient LED lights
- USB Type-A and Type-C (5 V) inputs

REAL TIME INFORMATION

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

TECHNICAL SPECIFICATIONS

- Q-Fit standard
- Advanced three-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

SERVICE

- Warranty: 24 months/2,000 hours