

TH

4,5.19 P



CONSTRUCTION



LOGISTICS



EVENTS AND
FILM



TH
4,5.19 P



CAB

Best-in-class
safety and visibility



PERFORMANCE

Unrivalled lifting
performance

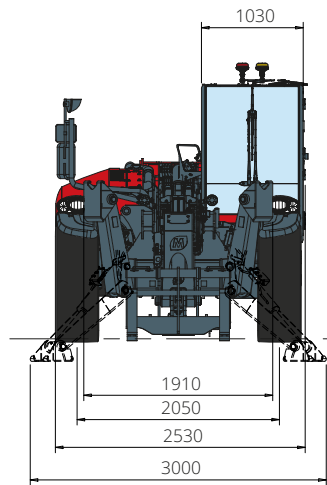


LOAD LIVE DIAGRAM

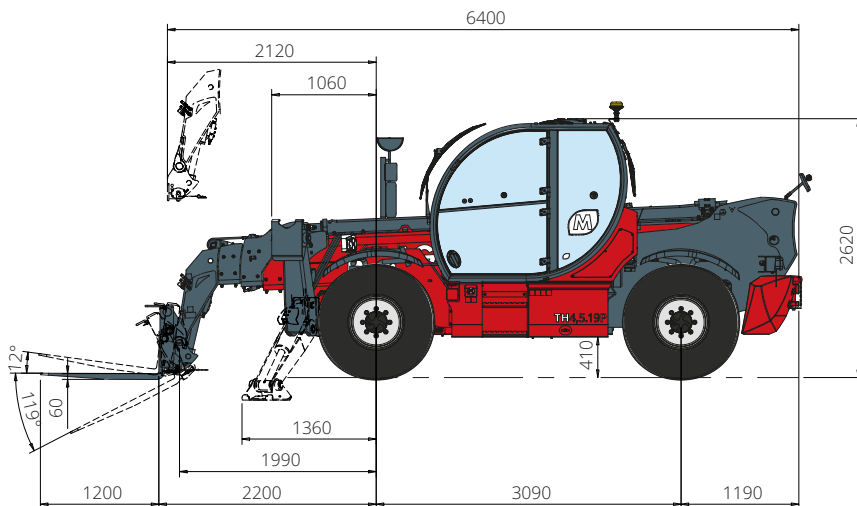
Two real-time dynamic
load charts

TH 4,5.19 P

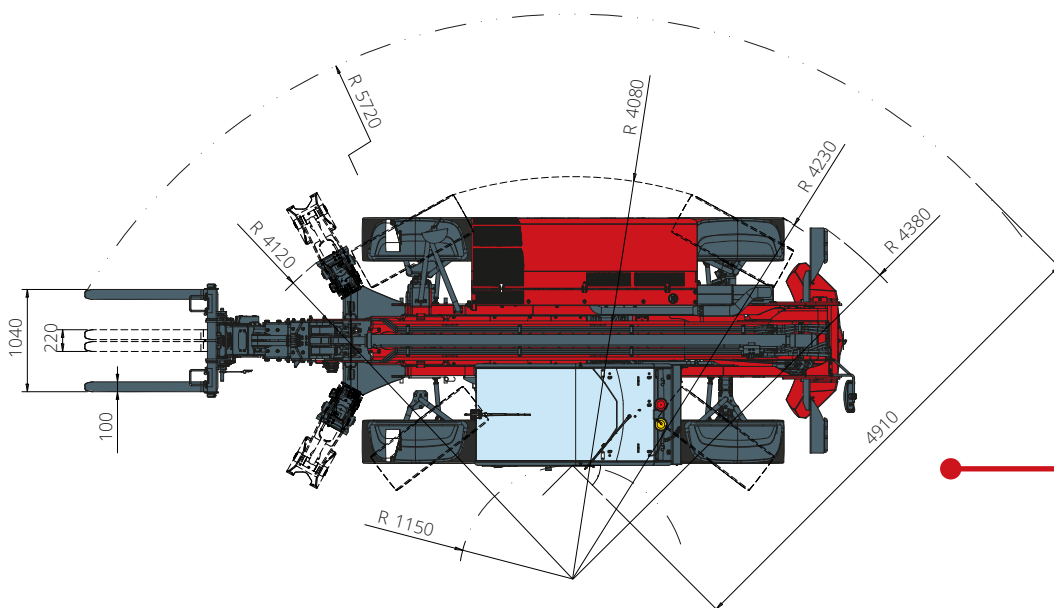
DIMENSIONS (mm)



FRONT
view



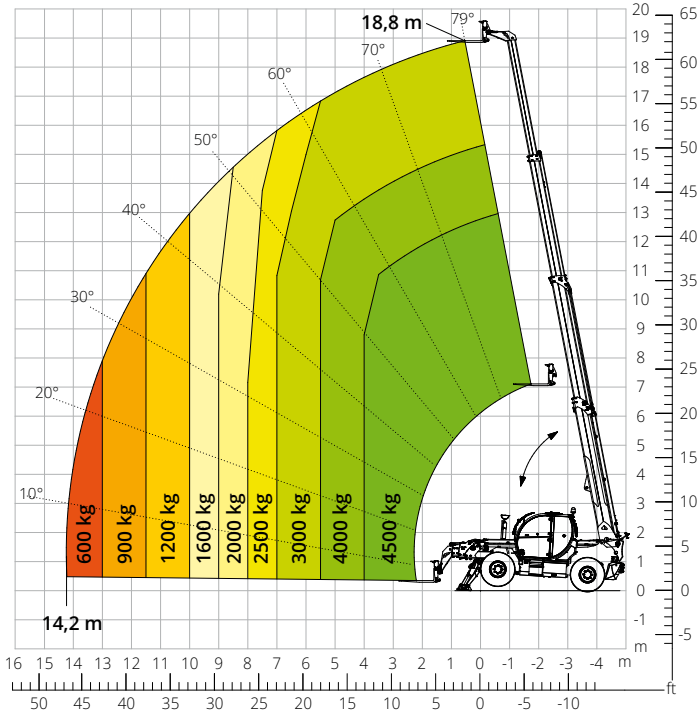
SIDE
view



TOP
view

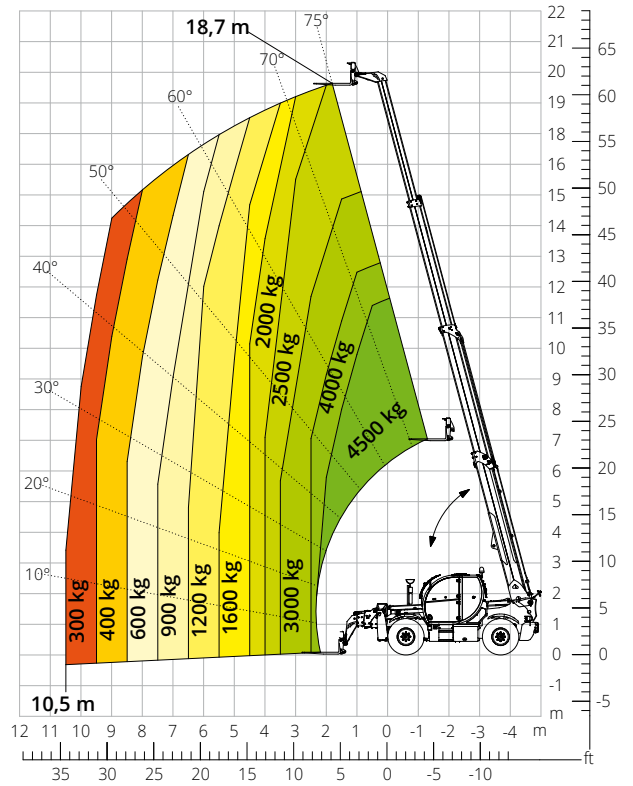
Load chart with
FULLY EXTENDED STABILISERS (360°)

ATT-08-014



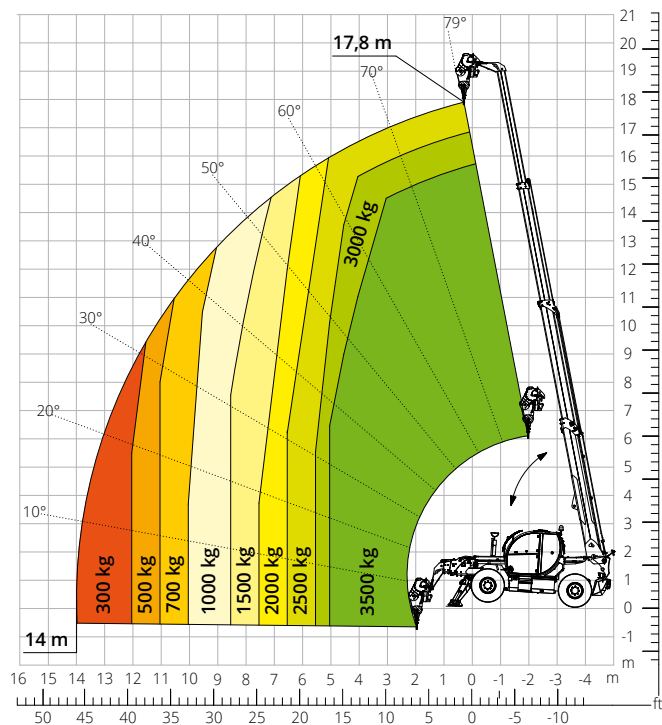
Load chart
FRONT ATTACHMENT ON TYRES

ATT-08-014



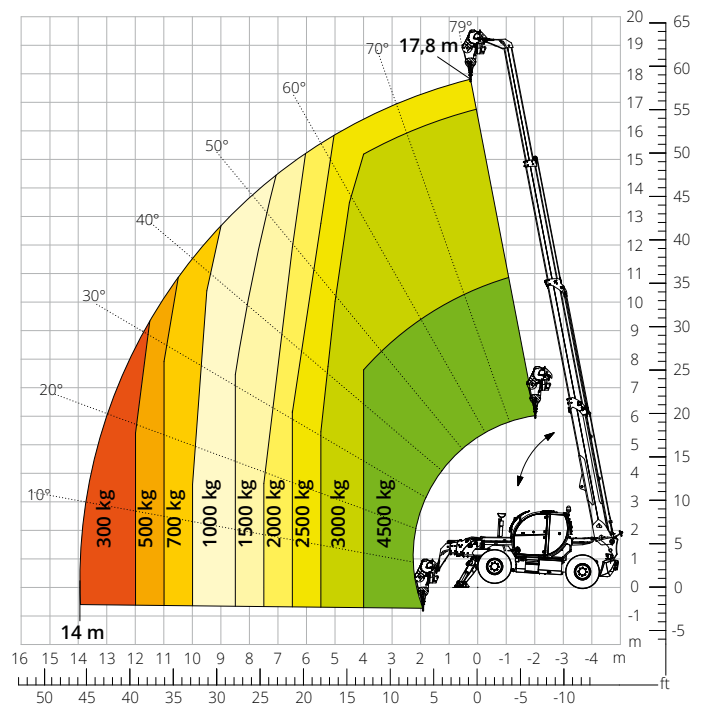
Load chart with
WINCH, 3,500 kg

ATT-02-022

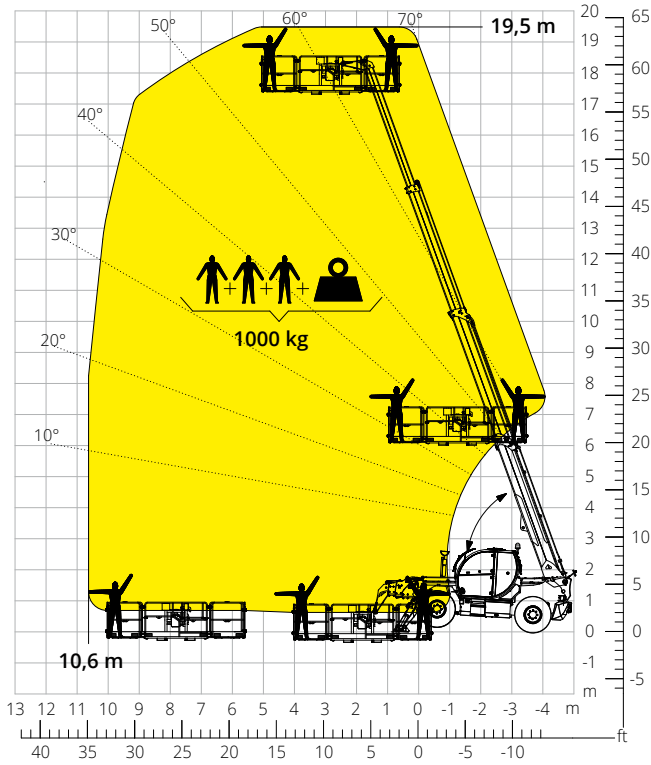


Load chart with
WINCH, 5,000 kg

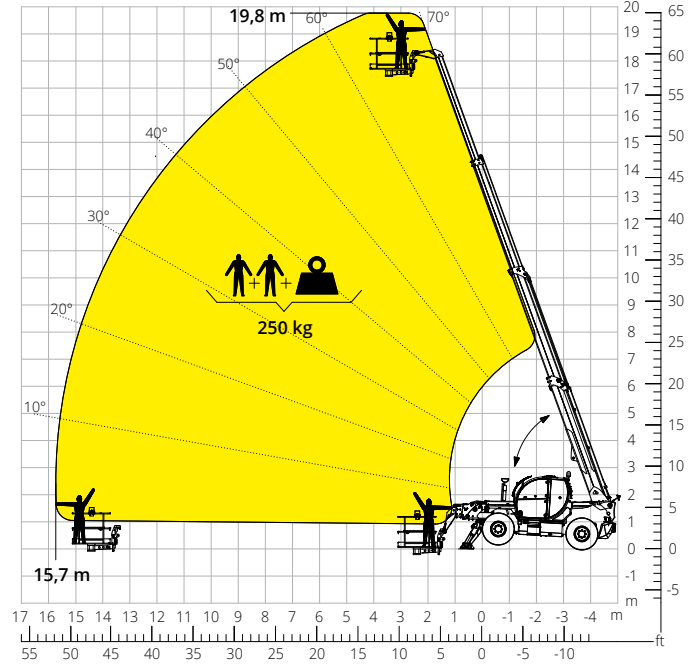
ATT-02-019



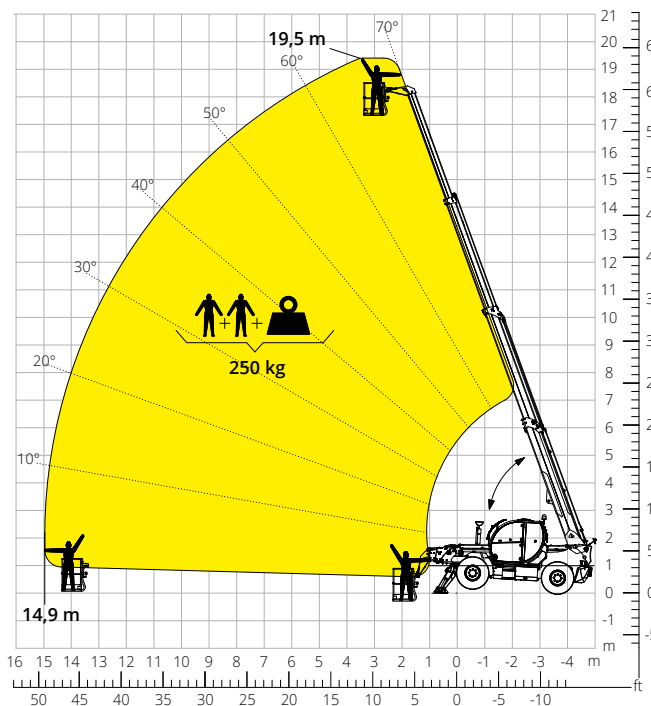
Load chart with
ROTATING EXTENDABLE PLATFORM, 1,000 kg
ATT-01-016



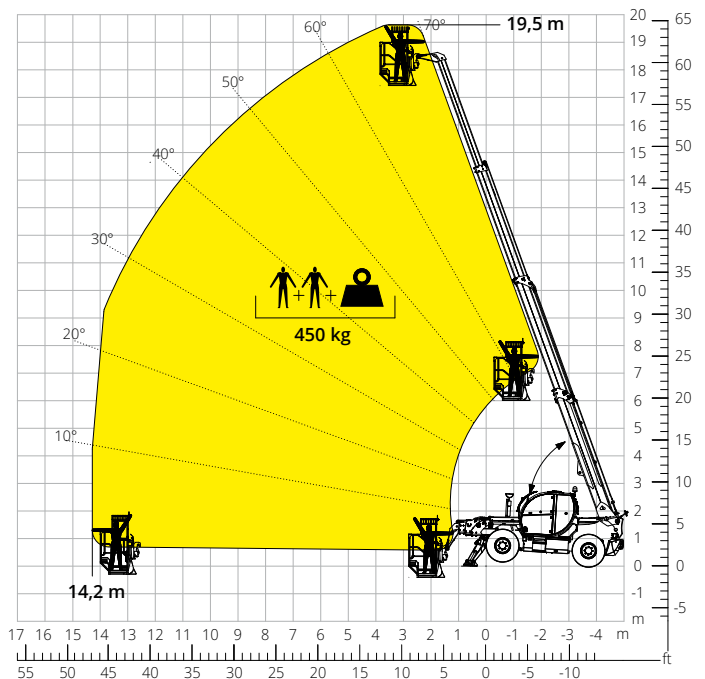
Load chart with
FIXED EXTENDABLE PLATFORM, 250 kg
ATT-01-003



Load chart with
FIXED PLATFORM, 250 kg
AT-01-001



Load chart with
PLATFORM, 450 kg, FOR MINES
ATT-01-027



Machine model	Telescopic handler	TH 4,5.19 P	
	Maximum lifting capacity	4,500 kg	
	Maximum lifting height	18.80 m	
	Maximum reach	10.40 m	
Stabilizer	Type	Pivoting Stabilizer	
Engine	Model	Deutz TCD 3,6 L4 Stage V	Deutz TCD 3,6 L4 EDG - Stage IIIA
	Rated power	74.4 kW (101.2 hp) @ 2,200 rpm	
	Maximum torque	500 Nm @ 1,600 rpm	
	Displacement	3.6 l	
	Cylinders	4 in line	
	Engine configuration	Diesel direct injection turbocharged	
	Cooling system	Water - intercooler	
Transmission	Type	Hydrostatic	
	Maximum pressure	500 bar	
	Gear box	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	Hydraulic with negative action	
Performance	Tyres dimensions	445/65 R22,5	
	Max. travel speed	25km/h	
	Drawbar pull	72 kN	
	Maximum mass towable on hook	3,100 kg	
	Gradeability	59%	
Weights	Turning radius (end of forks)	5,720 mm	
	Total unladen*	12,700 kg	
	Front axle unladen (boom retracted and lowered)*	5,600 kg	
	Rear axle unladen (boom retracted and lowered)*	7,100 kg	
Tank and system capacities	Fuel tank	200 l	
	AdBlue	10 l	
	Hydraulic oil tank	90 l	
	Engine oil tank	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. operating system pressure	350 bar	
	Controls for boom movements	SIL2 electro-proportional valve	
	Movements control	1 joystick Danfoss with FNR switch and dead man safety device - Management with CAN bus technology	
Standard 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
- Air conditioning
- FM/AM radio with USB and Bluetooth connectivity
- 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
- Provision for platform
- Advanced three-line CAN BUS system
- Automatic levelling system for outriggers
- 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