MAGNI
TELESCOPIC HANDLERS

TH
4,5.19

CONSTRUCTION

LOGISTICS

EVENTS AND FILM



TH 4,5.19



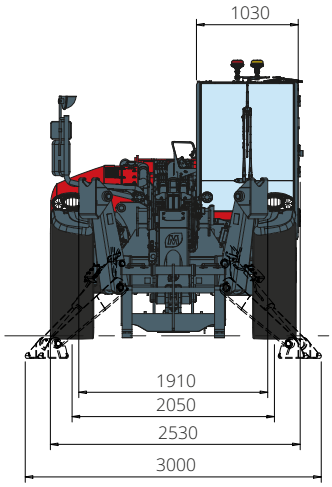
CAB
Best-in-class
safety and visibility

PERFORMANCE
Unrivalled lifting
performance

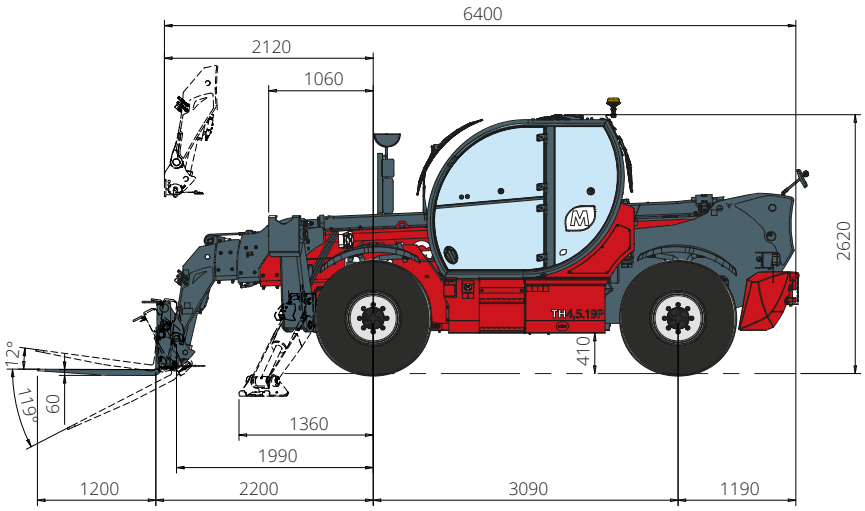
LOAD LIVE DIAGRAM
Two real-time dynamic
load charts

TH 4,5.19

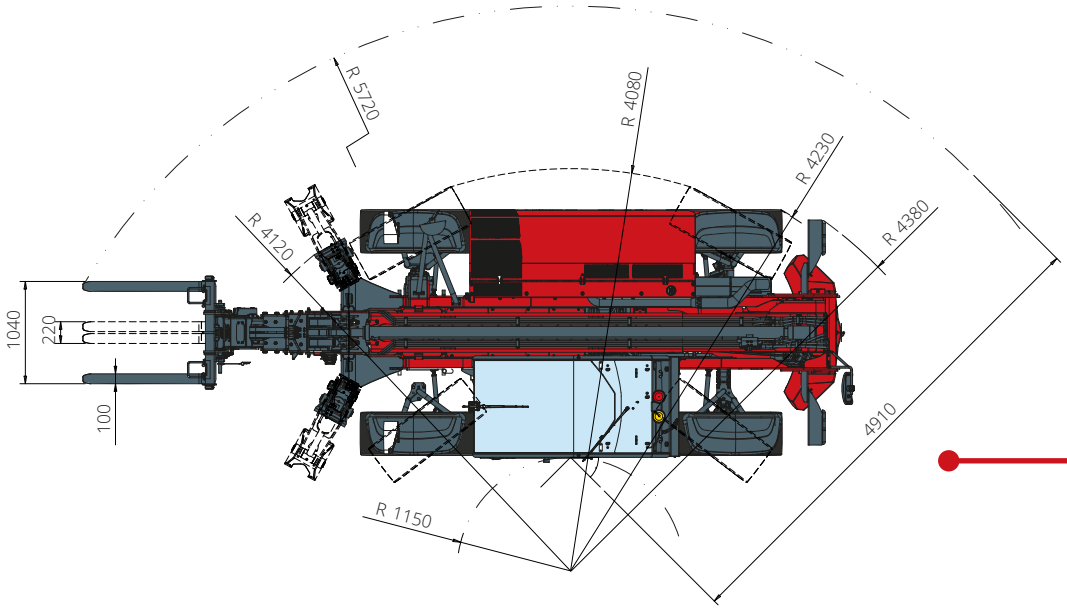
DIMENSIONS (mm)



FRONT view

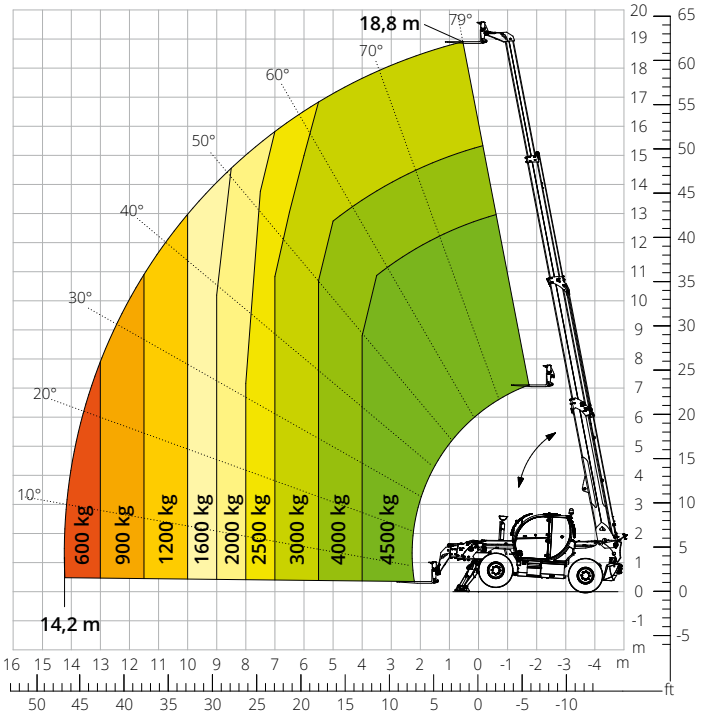


SIDE view

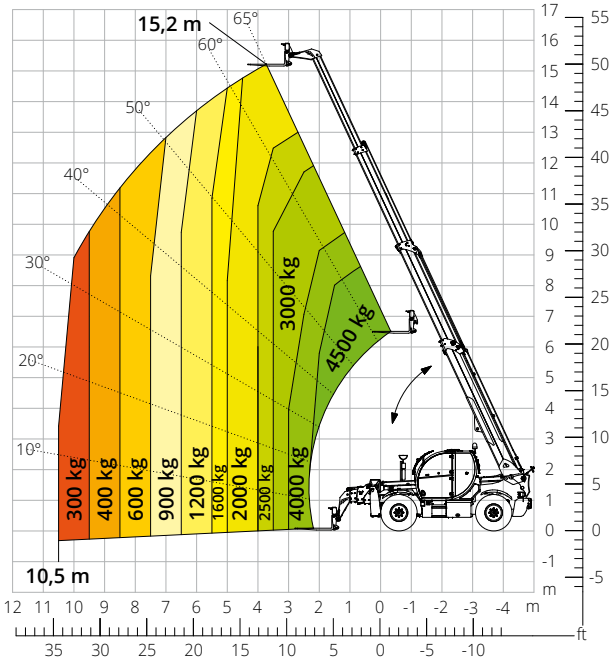


TOP view

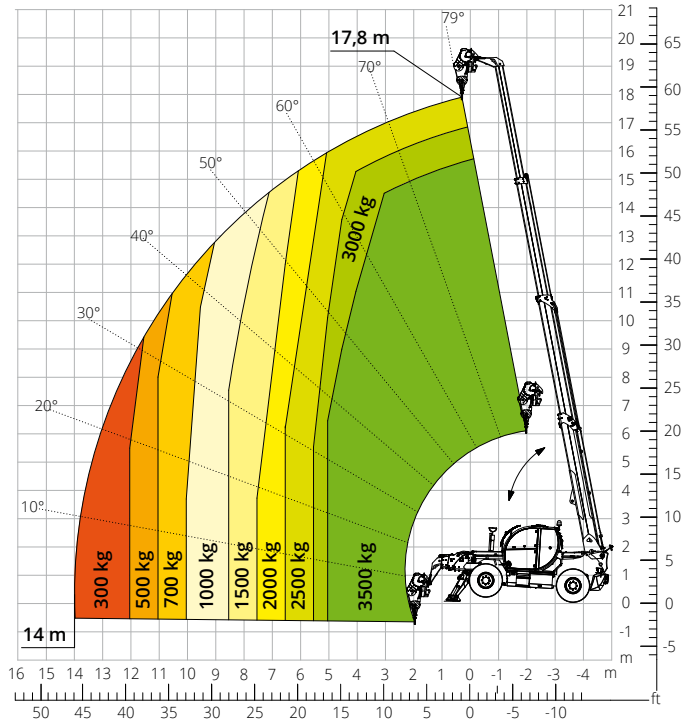
Load chart with
FULLY EXTENDED STABILISERS
ATT-03-042



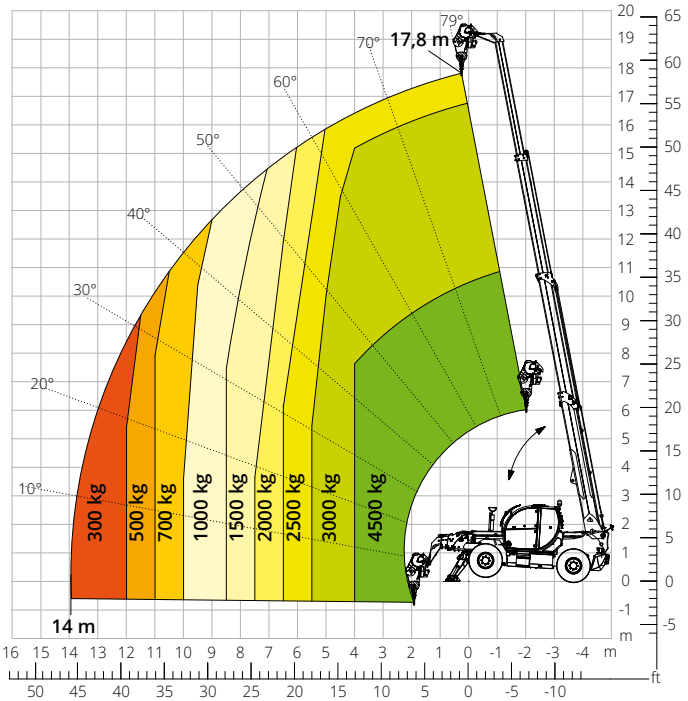
Load chart
FRONT ATTACHMENT ON TYRES
ATT-03-042



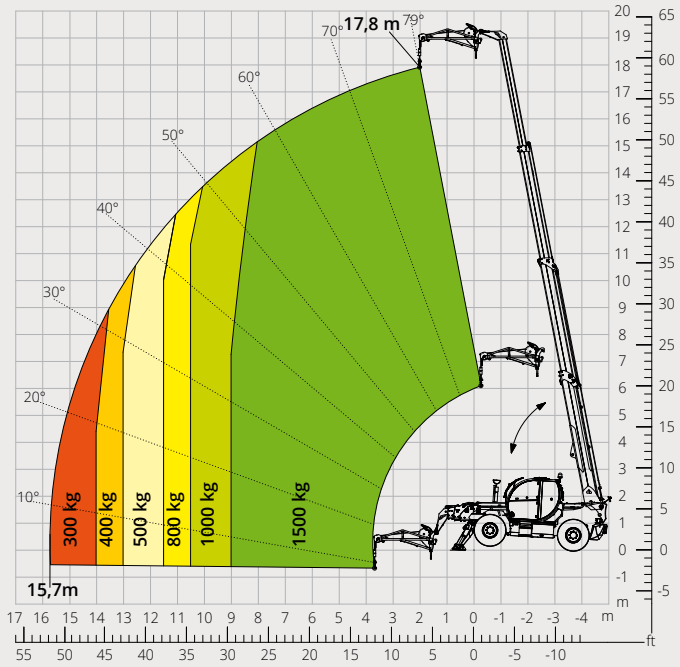
Load chart with
WINCH, 3,500 kg
ATT-02-002



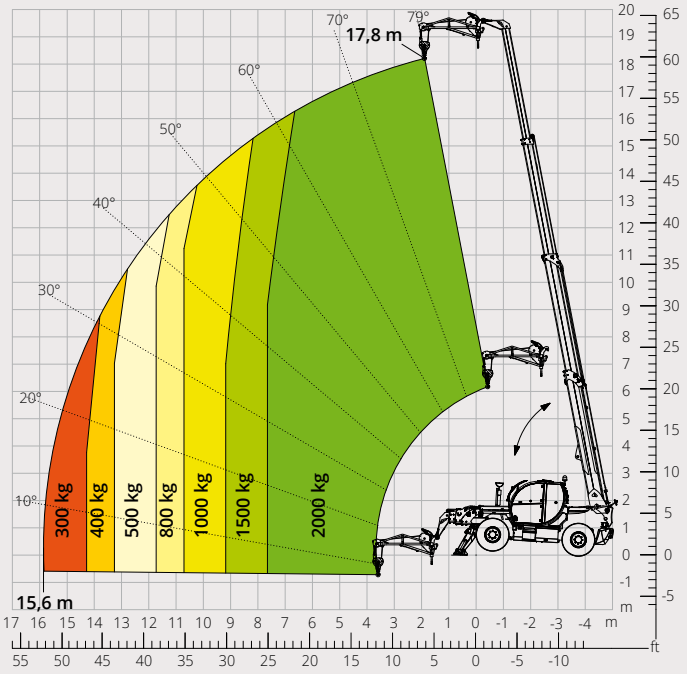
Load chart with
WINCH, 5,000 kg
ATT-02-019



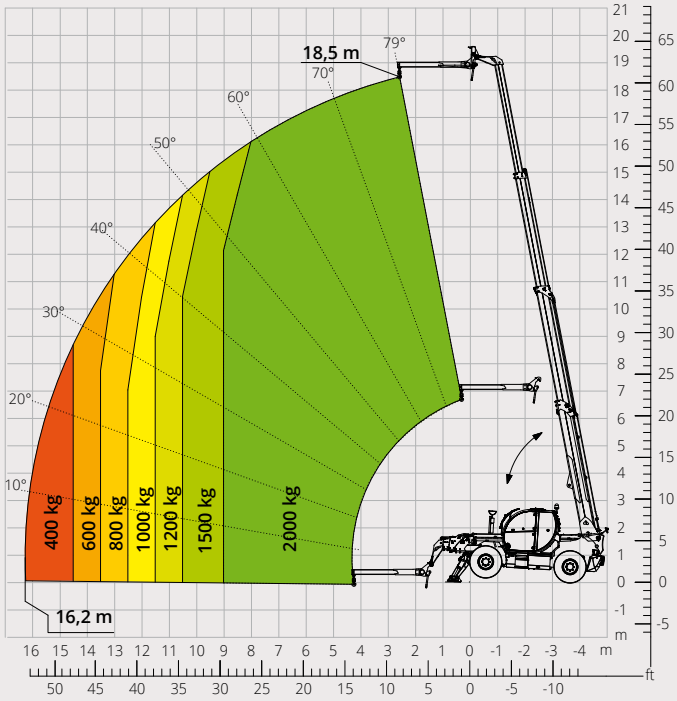
Load chart with
JIB WITH WINCH, 1,500 kg
ATT-04-011



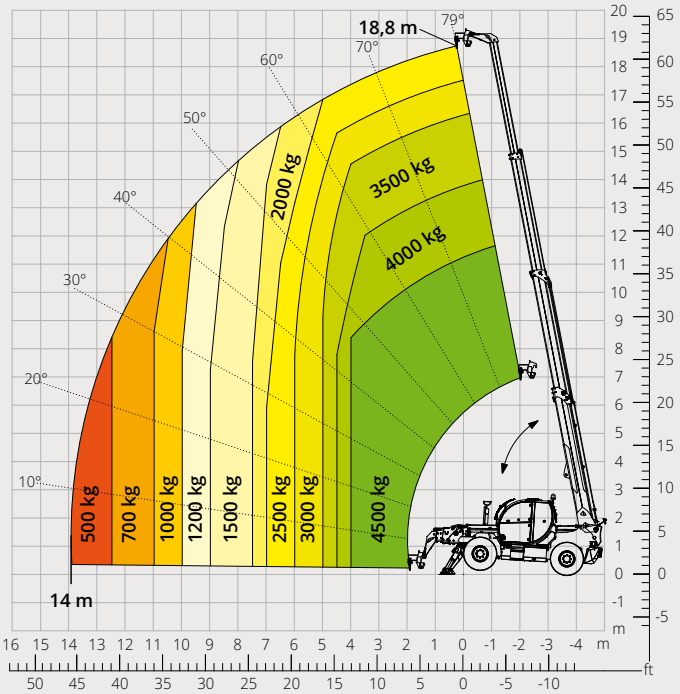
Load chart with
JIB WITH WINCH, 2,000 kg
ATT-04-015



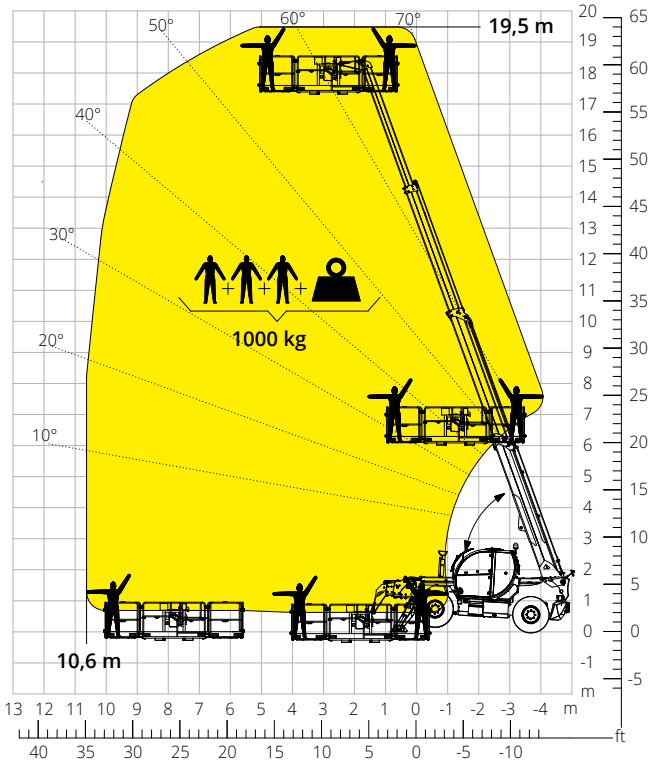
Load chart with
JIB 2,000 kg
ATT-04-013



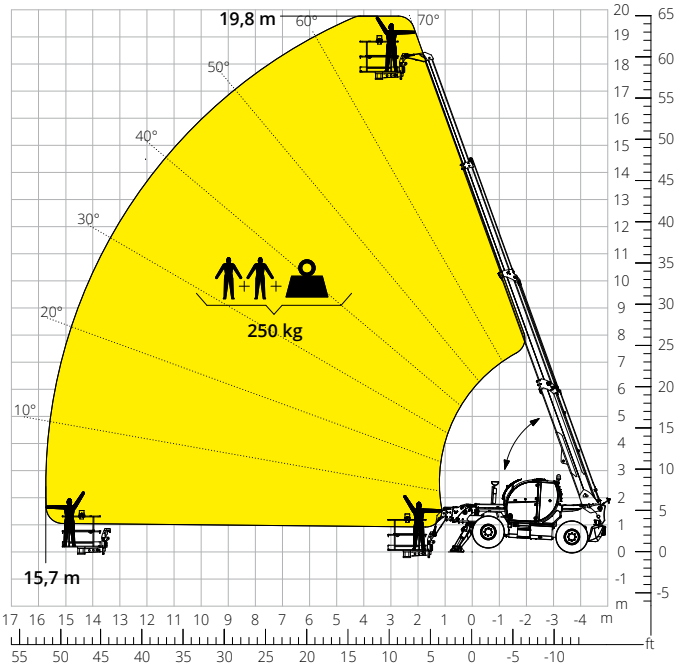
Load chart with
HOOK, 5,000 kg
ATT-05-014



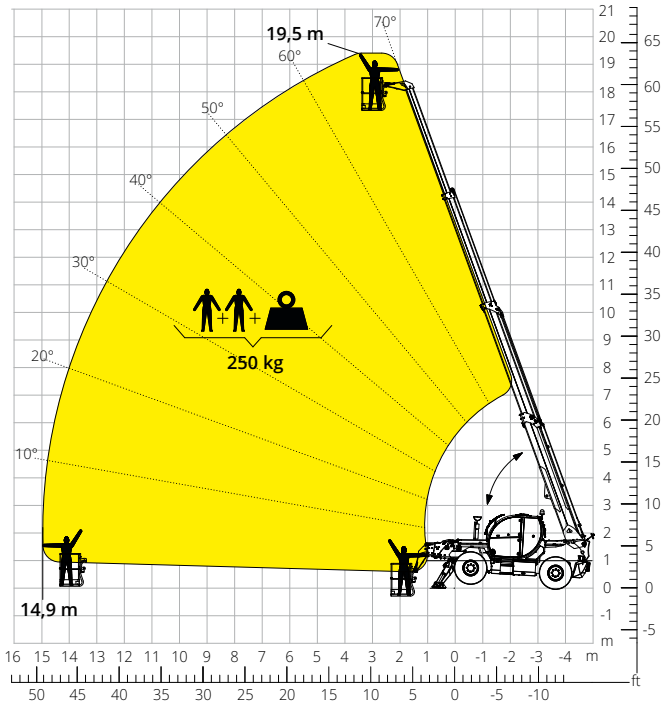
Load chart with
ROTATING EXTENDABLE PLATFORM, 1,000 kg
ATT-01-016



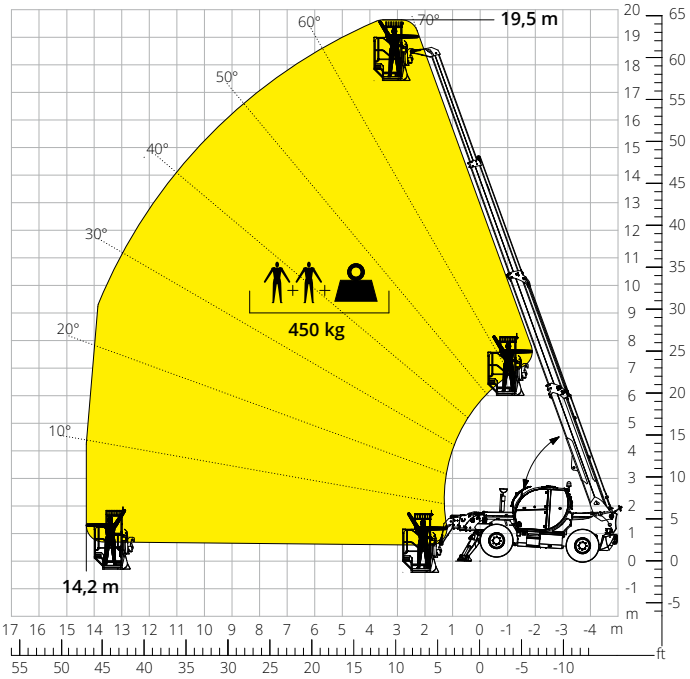
Load chart with
ROTATING NON-EXTENDABLE PLATFORM, 250 kg
ATT-01-003



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	
	Maximum lifting capacity	4,500 kg	
	Maximum lifting height	18.80 m	
	Maximum reach	14.20 m	
Stabilizer	Type	Pivoting	
Engine	Model	**Deutz TCD 3,6 L4 EDG - Stage IIIA**	**Deutz TCD 3,6 L4 Stage V**
	Rated power	55.4 kW (75.3 hp) at 2,200 rpm	
	Maximum torque	405 Nm at 1,300 rpm	
	Displacement	3,6 l	
	Cylinders	4 in line	
	Engine configuration	Turbocharged direct injection diesel	
	Cooling system	Water – intercooler	
Transmission	Type	Hydrostatic	
	Maximum pressure	530 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 lock	
	No. of driving/steering wheels	4WD - 4WS	
	Steering mode	Frontal/Concentric/Crab	
	Service brake	Wet multi-disk on front and rear axle	
	Parking brake	Hydraulic with negative action on front axle	
	Tyres dimensions	445/65 R22.5	
Performance	Max. travel speed	25km/h	
	Gradeability (unladen)	58%	
	Turning radius (end of forks)	5,720 mm	
Weights	Total unladen*	12,700 kg	
Tank and system capacities	Fuel tank	200 l	
	AdBlue	-	
	Hydraulic oil tank	93 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	SIL 2 electro-proportional valve	
	Movements control	1 joystick with integrated manoeuvre enable	
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 280-1/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