



MINING &  
QUARRYING

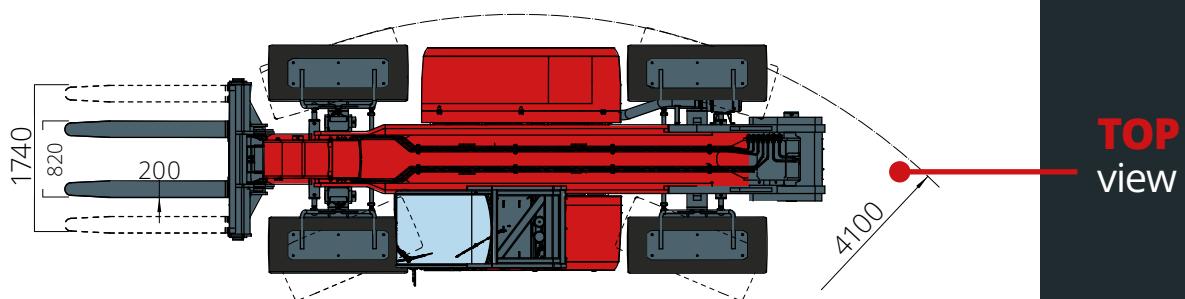
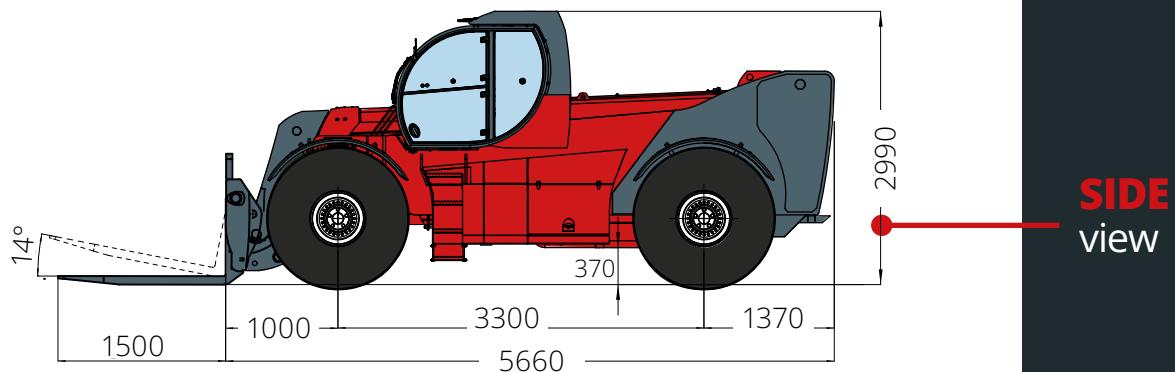
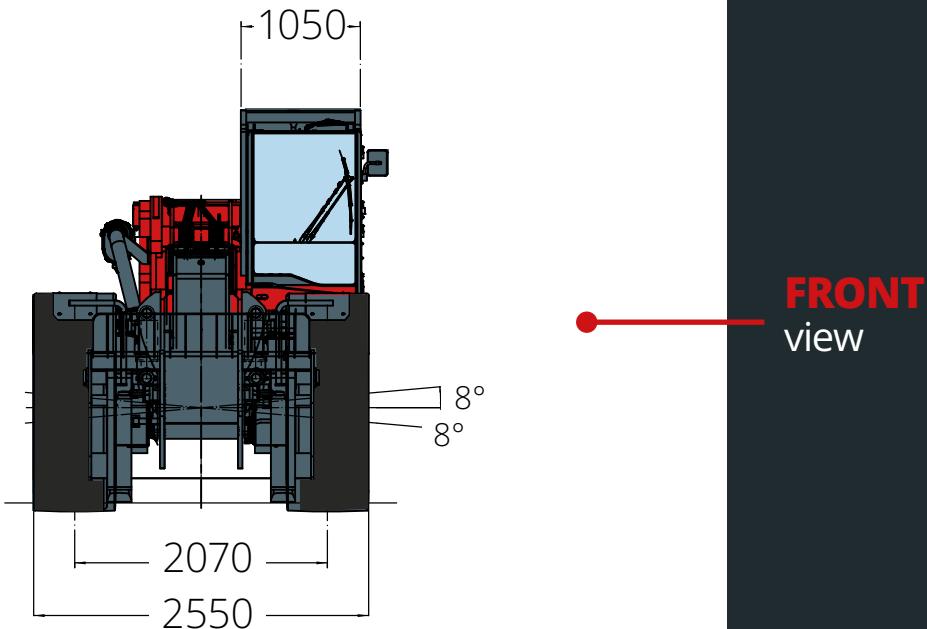


HEAVY  
LOGISTICS

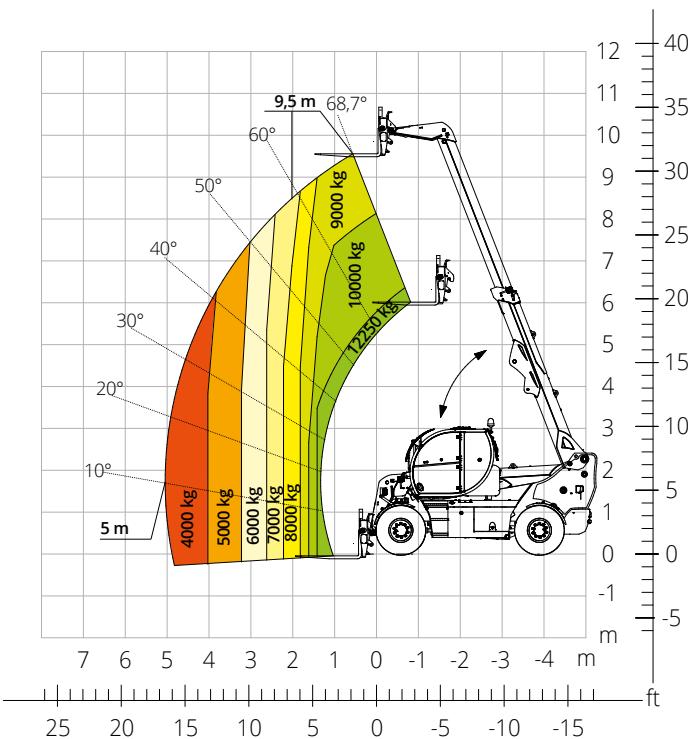


DEFENCE

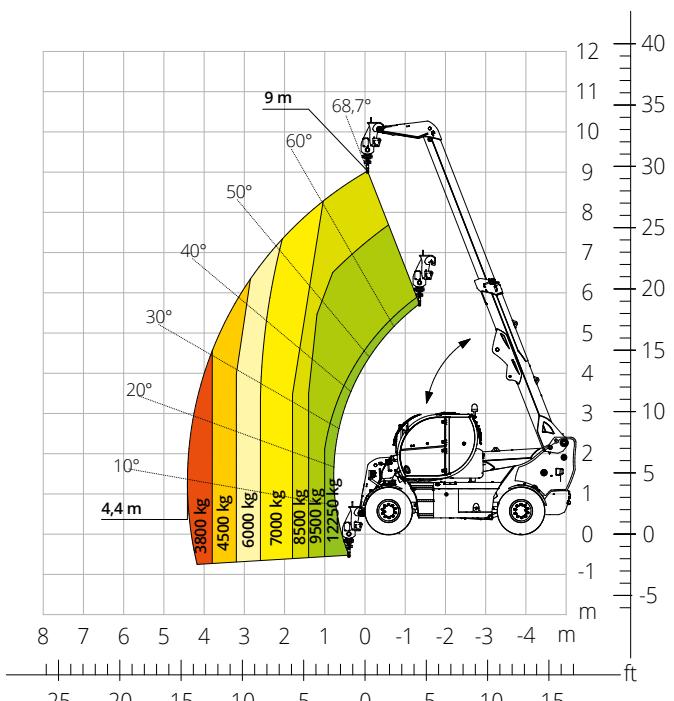
**DIMENSIONS (mm)**



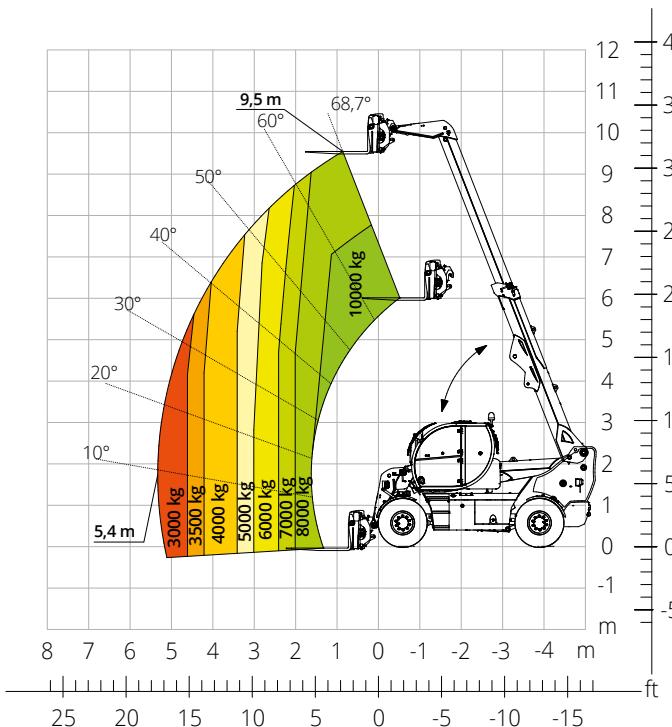
## Load chart **FRONT ATTACHMENT ON TYRES**



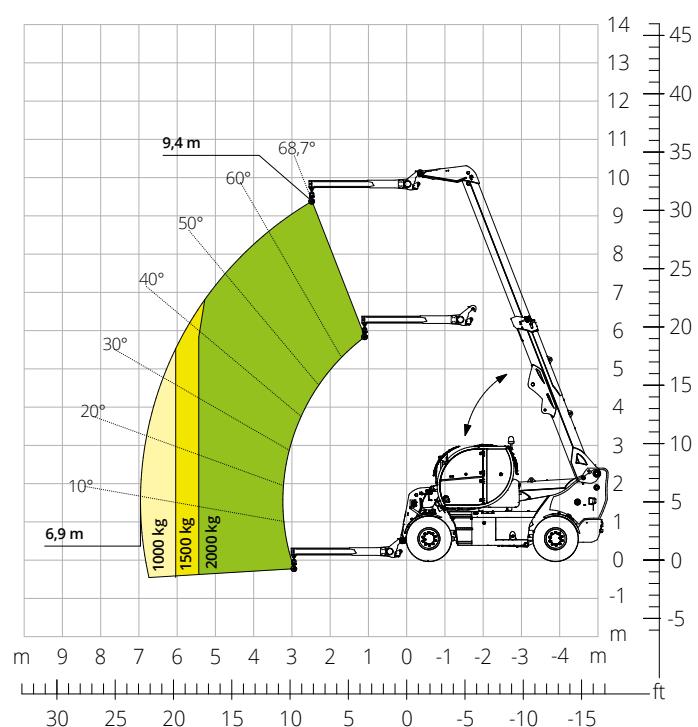
## Load chart with **HOOK, 13,000 kg**



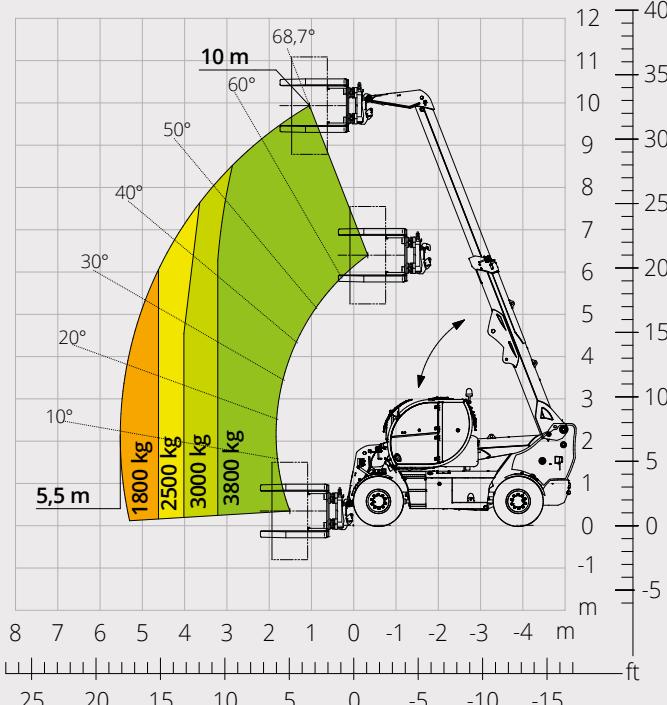
Load chart with  
**FRONT ATTACHMENT ON TYRES**  
ATT-03-019



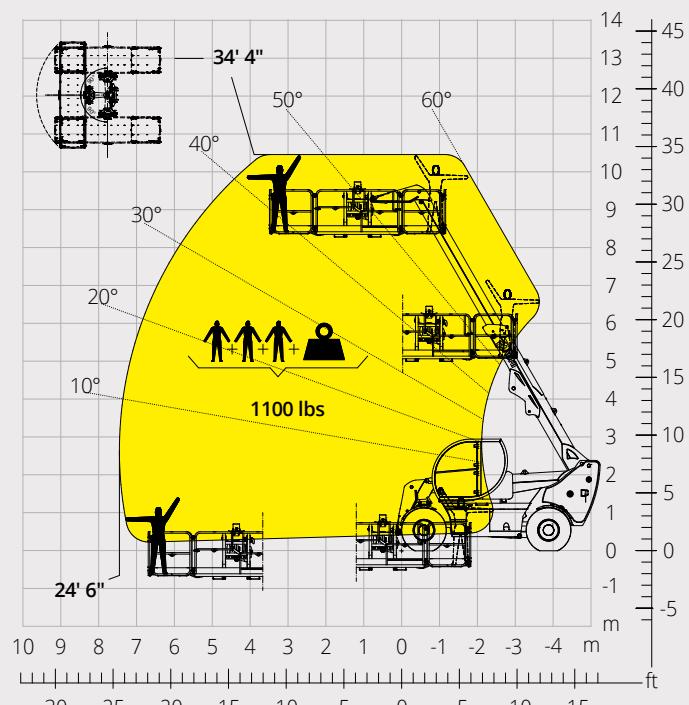
# Load chart with **JIB 2,000 kg**



Load chart with  
**TYRE HANDLER, 3,800 kg**  
ATT-06-005



Load chart with  
**ROTATING EXTENDABLE PLATFORM, 500 kg**  
ATT-01-016



<b>Machine model</b>	Maximum lifting capacity	12,000 kg	
	Load center	600 mm	
	Maximum lifting height	9,50 m	
	Maximum reach	5,00 m	
	Type	<b>Deutz TCD 3,6 L4 -Stage V</b> <b>Deutz TCD 3,6 L4 EDG - Stage IIIA</b>	
	Rated power	100 kW (136 hp) @ 2,200 rpm	
<b>Engine</b>	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	
	FOPS-ROPS tested hermetic cab with protectors	•	
	Front, rear and upper wiper	•	
<b>Cab</b>	Headlights for road circulation, flashing beacon	•	
	Rear view mirrors	•	
	Heating - Air conditioning	•	
<b>Controls</b>	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	
	3 types of steering	- with front steering - with round steer - with crab steering	
<b>Axles and brakes</b>	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	
	Max. travel speed	40 km/h	
<b>Performance</b>	Drawbar pull	84 kN	
	Gradeability	66%	
	Turning radius (at wheels)	4,100 mm	
	Total unladen	14,400 kg	
<b>Weights</b>	Front axle unladen (boom retracted and lowered)	3,800 kg	
	Rear axle unladen (boom retracted and lowered)	10,600 kg	
	Hydrostatics	Rexroth / Danfoss	
	Variable displacement hydrostatic pump with electronic control	•	
<b>Transmission</b>	Variable displacement hydrostatic motor	One	
	Gearbox	Gearbox with 2 speeds forward / reverse	
	Load sensing piston pump	•	
	Circuit at 350 bar	•	
<b>Hydraulic circuit</b>	Proportional hydraulic electrovalve	Danfoss	
	Suction and return line filters	•	
	High pressure flexible hoses	•	
	Diesel fuel tank	195 l	
<b>Tanks capacities</b>	AdBlue*	10 l	
	Hydraulic fluid	190 l	
	Engine oil	9 l	
	Coolant	20 l	
<b>Safety</b>	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	•	

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

The standard machine configuration includes:

- Comfort seat
- Adjustable steering column
- Analogue joypad
- Heating
- Air conditioning
- FM/AM radio with USB and Bluetooth connectivity
- USB Type-A (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
- Onboard and remote integrated diagnostics

### TECHNICAL SPECIFICATIONS

- Q-Fit standard
- Provision for platform
- 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

### SERVICE

- MyMagni by Trackunit connectivity system (3 years)
- Warranty: 24 months/2,000 hours