



CONSTRUCTION



LOGISTICS



MINING &  
QUARRYING



OIL



# TH

# 15.31 P



TH  
15.31 P



**CAB**

Best-in-class  
safety and visibility



**PERFORMANCE**

Unrivaled lifting  
performance

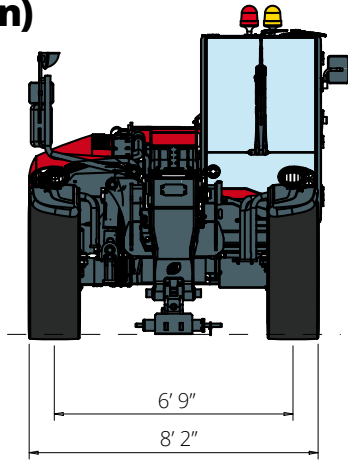


**LOAD LIVE DIAGRAM**

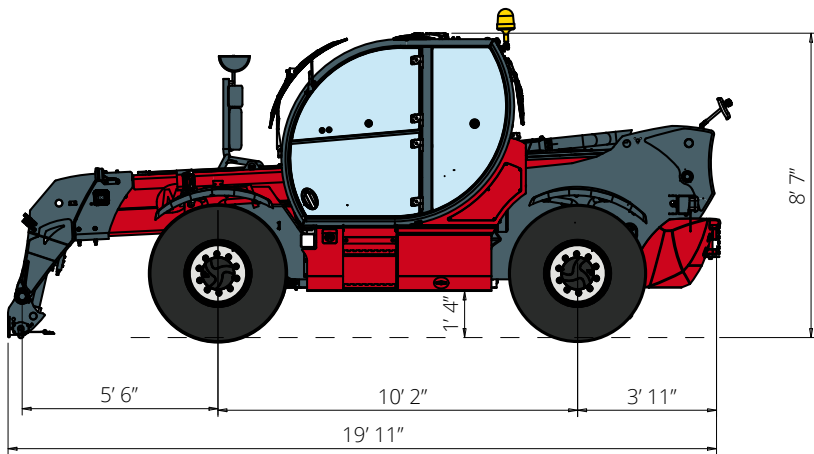
Two real-time dynamic  
load charts

# TH 15.31 P

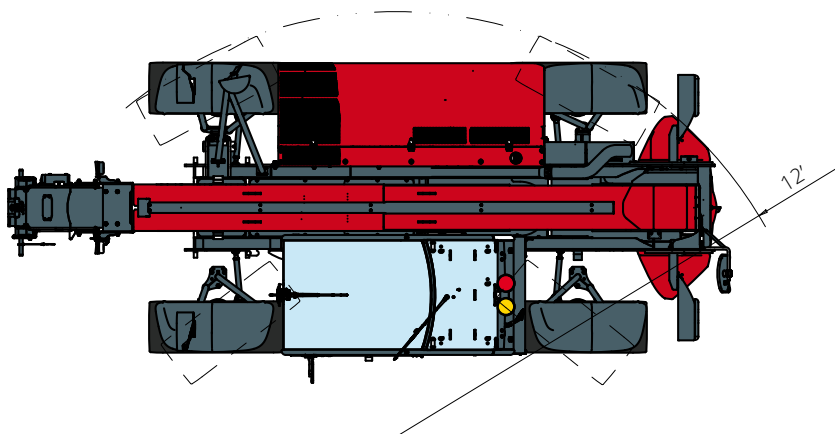
## DIMENSIONS (ft and in)



**FRONT**  
view

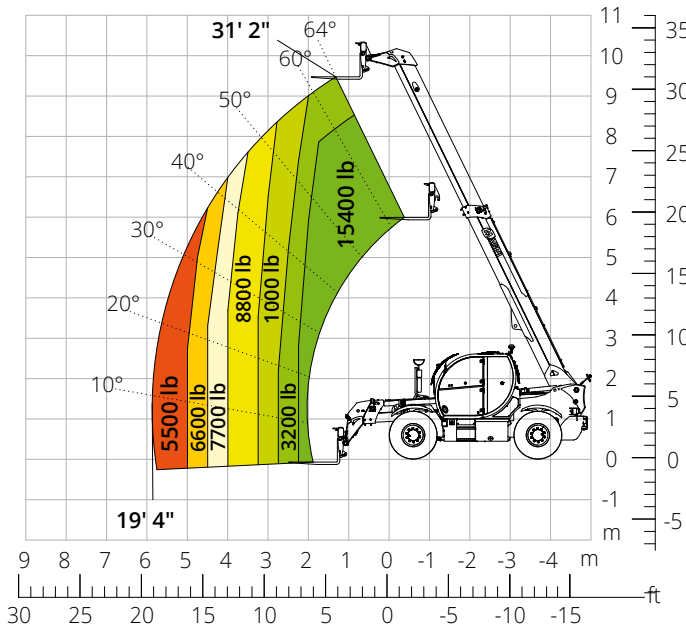


**SIDE**  
view

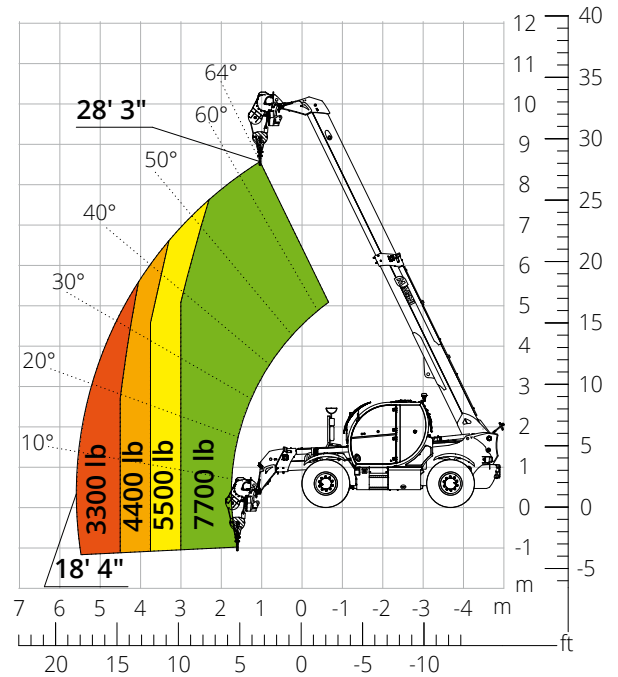


**TOP**  
view

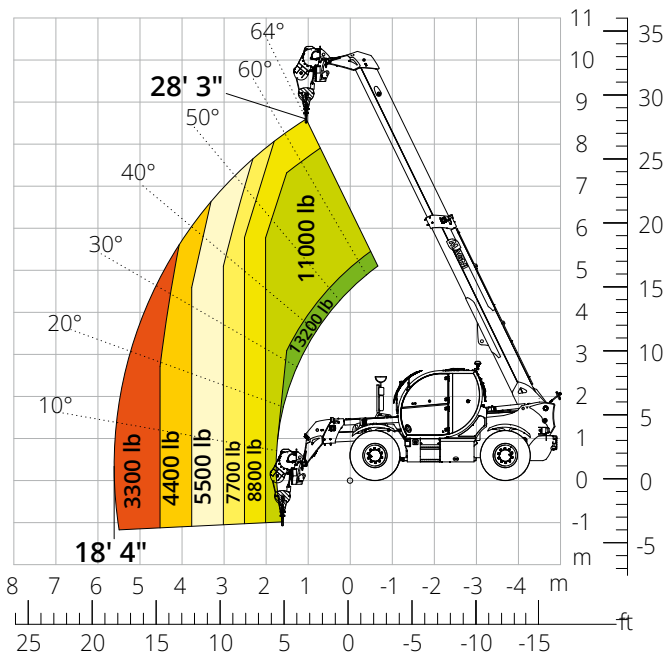
Load chart  
**FRONT ATTACHMENT ON TIRES**  
 ATT - 03 - 011



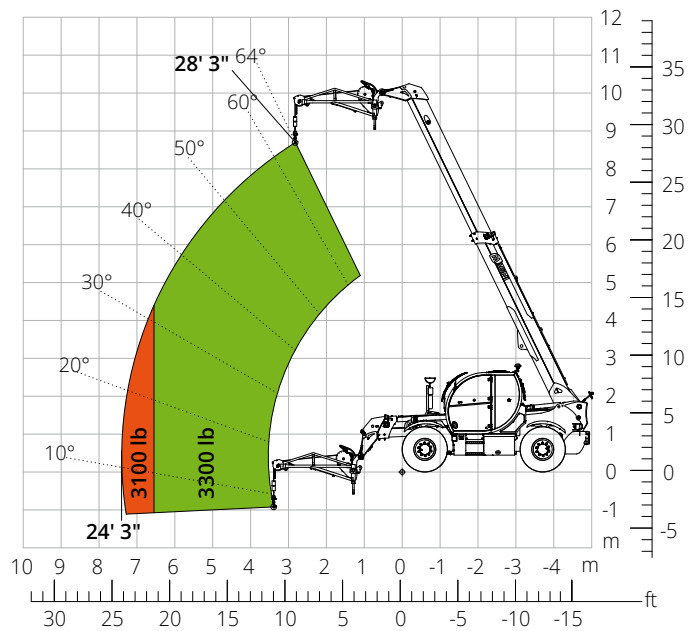
Load chart with  
**WINCH 7,700 lb**  
 ATT - 02 - 002



Load chart with  
**WINCH 13,200 lb**  
 ATT - 02 - 004

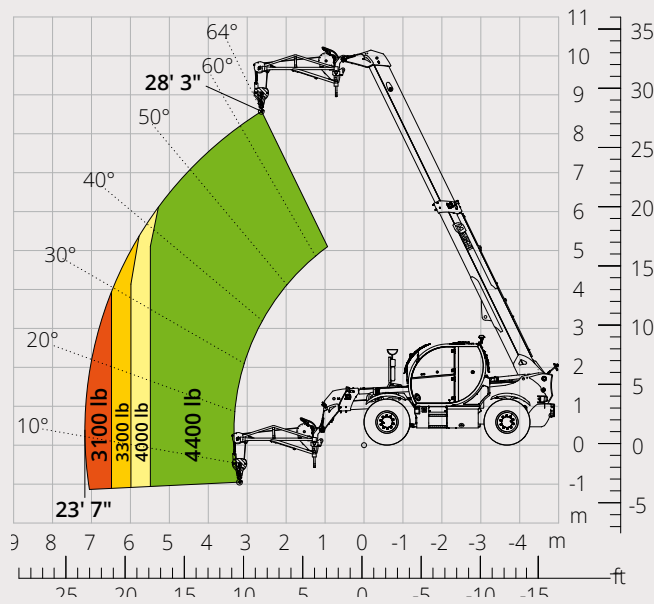


Load chart with  
**JIB WITH WINCH 3,300 lb**  
 ATT - 04 - 011



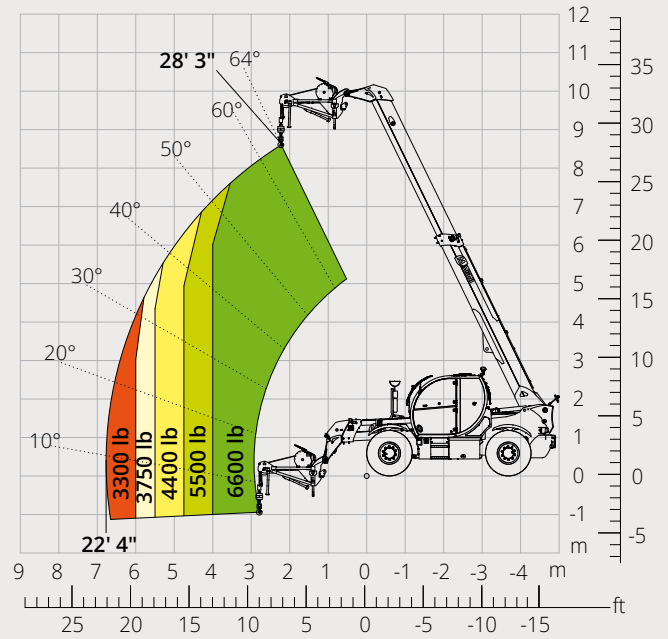
Load chart with  
**JIB WITH WINCH 4,400 lb**

ATT - 04 - 015



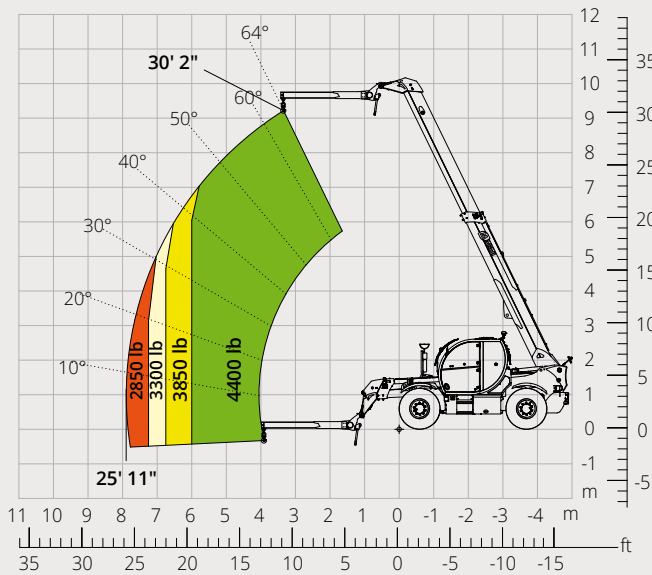
Load chart with  
**JIB WITH WINCH 6,600 lb**

ATT - 04 - 019



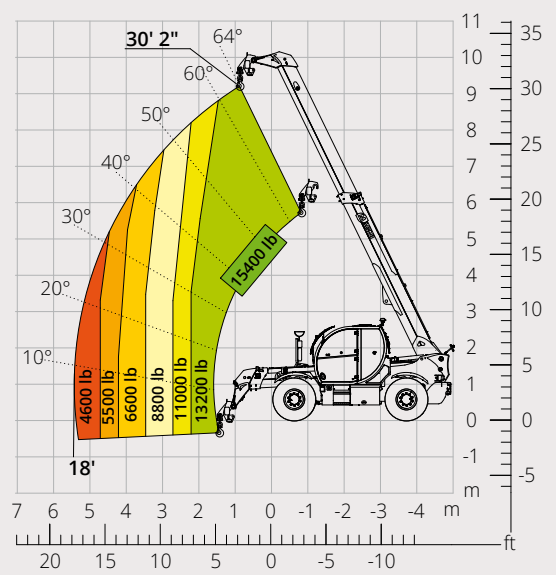
Load chart with  
**JIB 4,400 lb**

ATT - 04 - 013



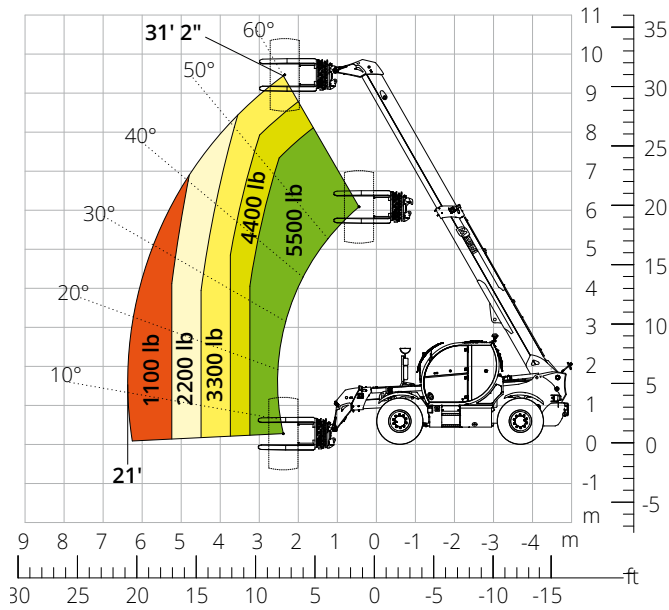
Load chart with  
**HOOK, 15,400 lb**

ATT - 05 - 002



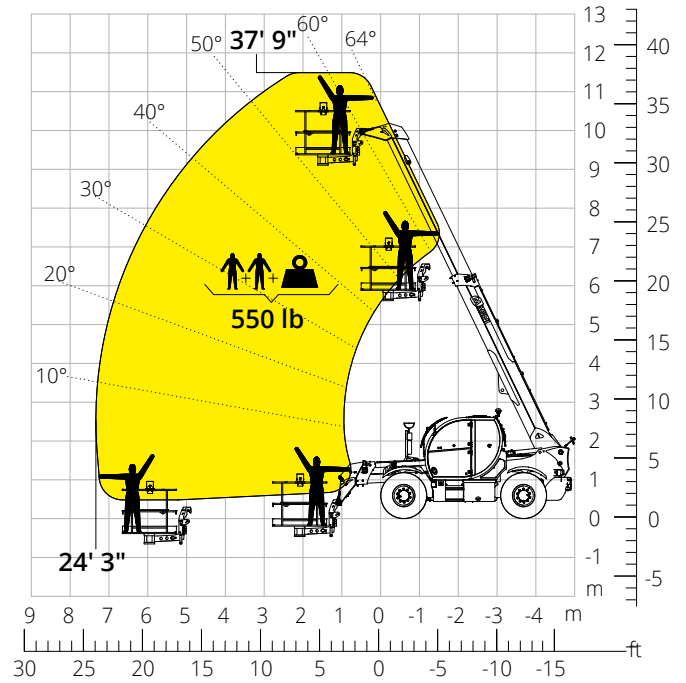
Load chart with  
**TIRE HANDLER, 5,500 lb**

ATT - 06 - 003



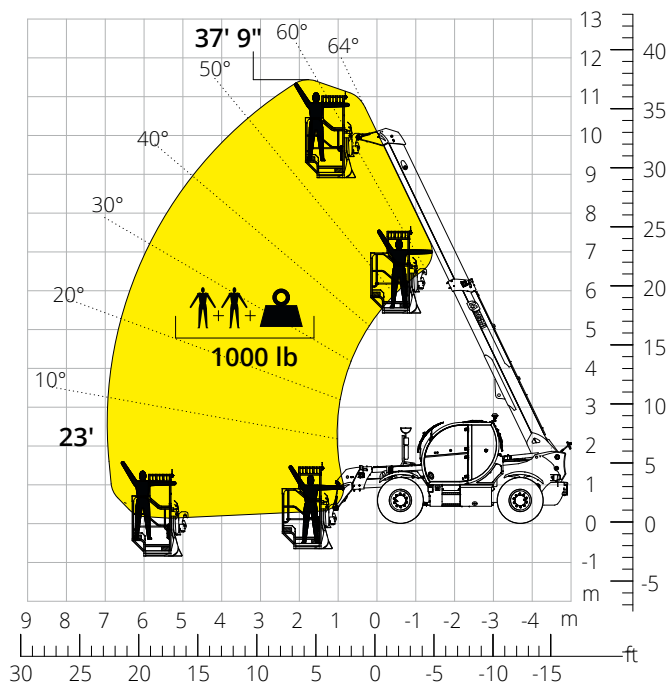
Load chart with  
**FIXED EXTENDABLE PLATFORM, 500 lb**

ATT - 01 - 003



Load chart with  
**PLATFORM, 1,000 lb, FOR MINES**

ATT - 01 - 027



<b>Machine model</b>	Telescopic handler	TH 15.31 P	
	Maximum lifting capacity	15,400 lb	
	Maximum lifting height	31' 2"	
	Maximum reach	19' 4"	
<b>Stabilisers</b>	Type	-	
<b>Engine</b>	Model	<b>Deutz TCD 3,6 L4 EDG Stage IIIA</b>	<b>Deutz TCD 3,6 L4 Stage V</b>
	Rated power	74.4 kW (101.2 hp) at 2,200 rpm	
	Maximum torque	302 lb/ft at 1,600 rpm	
	Displacement	219.7 in <sup>3</sup>	
	Cylinders	4 in line	
	Engine configuration	Turbocharged direct injection diesel	
	Cooling system	Water – intercooler	
<b>Transmission</b>	Type	Hydrostatic	
	Maximum pressure	500 bar	
	Gear box	Dropbox, 2 speeds forward-reverse	
<b>Axles and brakes</b>	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	
<b>Performance</b>	Tyres dimensions	445/65 R22.5	
	Max. travel speed	21 mph	
	Gradeability (unladen)	59%	
	Turning radius (end of forks)	NA	
<b>Weights</b>	Total unladen*	26,450 lb	
	Diesel fuel	38.3 U.S. gal	
<b>Tank and system capacities</b>	AdBlue	2.64 U.S. gal	
	Hydraulic fluid	24.6 U.S. gal	
	Engine oil	2.4 U.S. gal	
	Coolant	5.3 U.S. gal	
<b>Hydraulic circuit for movements</b>	Circuit type	Load sensing	
	Service pump	Variable displacement	
	Max. hydraulic flow rate	31.7 U.S. gpm	
	Max. boom head flow rate	19.8 U.S. gpm	
	Max. operating system pressure	350 bar	
	Controls for boom movements	SIL 2 electro-proportional valve	
<b>Standard met</b>	Movements control	1 joystick with integrated manoeuvre enable	
		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