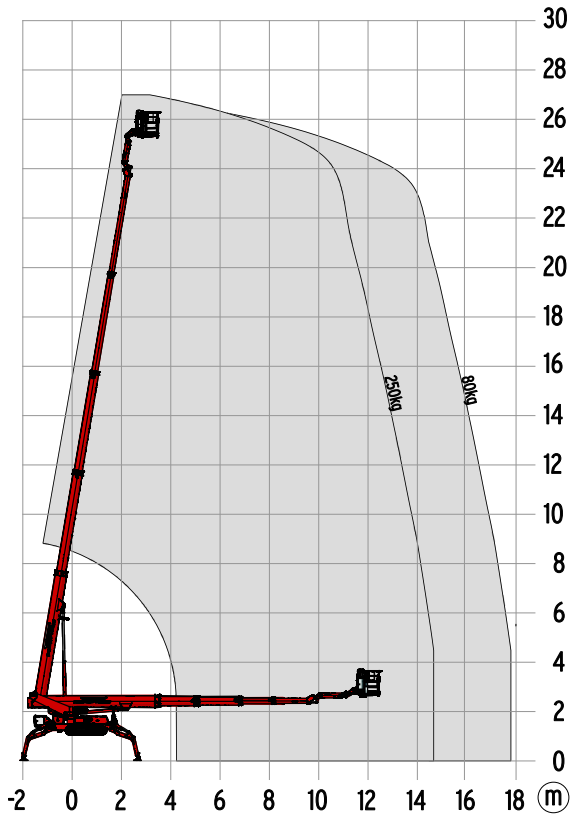
Specifications*

LEO 27T REDLINE

TEUPEN ...access redefined

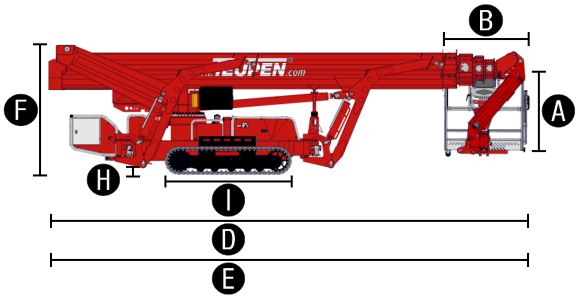
PERFORMANCE

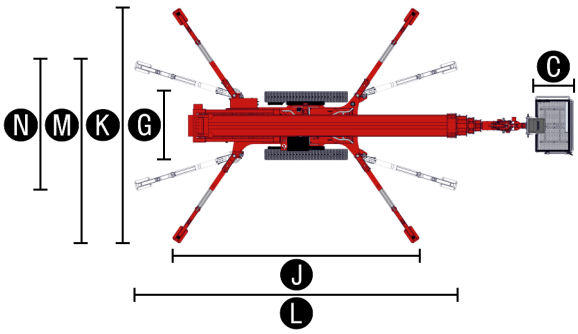
Working height, max.	27,00 m
Horizontal outreach with 250 kg	14,70 m
Horizontal outreach with 80 kg	17,80 m
Basket capacity	250 kg
Movable jib	180°
Basket rotation	180°
Turret rotation	450°
To be jacked up on ground slope of	16,7°/30,0 %
Height and width track adjustment	22/19 cm
Gradeability, max.	16,7°/30,0 %
Slope angle	21,0°/38,0 %
Travel speed	4,0 km/h



MEASUREMENTS

Platform height **(A)**	1,10 m
Platform length **(B)**	1,20 m
Platform width **(C)**	0,80 m
Length, overall **(D)**	7,03 m
Length without basket **(E)**	7,03 m
Height, travel position **(F)**	1,98 m
Width, minimal overall width **(G)**	1,58 m
Ground clearance, max. **(H)**	0,43 m
Track (L x W) **(I)**	1,92 m x 0,25 m
Length outrigger footprint standard **(J)**	5,45 m
Width outrigger footprint standard **(K)**	5,15 m
Length footprint one side narrow **(L)**	7,20 m
Width footprint one side narrow **(M)**	3,95 m
Width footprint both sides narrow **(N)**	2,75 m
Outrigger plate (L x W)	0,31 m x 0,22 m





WEIGHT

Total weight	3900 kg
Live load in travelling position	3,61 kN/m^2
Live load in working position	1,37 kN/m^2
Point load per outrigger plate, max.	29,00 kN*

POWER

Standard power sources (electric and combustion engine)	**1) Electric:** 230 V, 12,9 A, 2,2 kW **2) Diesel:** Kubota D 1305 (18,0 kW/24,47 hp)
Fuel tank capacity Diesel engine	48,0 l

**preliminary*

STANDARDS COMPLIANCE

2006/42/EC–Machinery directive
(Harmonised standard EN280:2013); 2004/108/EC (EMC);
2000/14/EC (Noise emission directive – outdoor)

Features*

LEO 27 T REDLINE

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CHASSIS

- Powerful track drive with hydraulic braking system
- Precise maneuvering over sensitive radio remote control
- White, non-marking rubber tracks with specially arranged profile providing optimum grip
- Hydraulically height- und width-adjustable track chassis

STABILISATION

- Fully-hydraulic, automatic levelling system with outrigger setup monitoring
- Variable outrigger system with one-side or both-sides narrow setup option

BOOM SYSTEM

- Special profiles made of high-strength steel
- All functions are available from one control panel
- Electric-proportional controls with intuitive operator guidance
- Robust, lockable control panel with integrated operation and display function
- Self-levelling platform with electro-hydraulic levelling system
- 180° basket rotation
- Boom rotation via high-performance slew ring, worm gear and hydraulic motor

POWER

- 230 V electric motor (EU)
- Kubota 1305 EJB Diesel engine (18,0 kW/24,47 hp)
- Start-Stop switch of combustion engine in the basket

PRODUCTIVITY, SAFETY, QUALITY

- Hydraulic emergency lowering via electric pump
- 230 V (EU) power outlet in the basket
- Modular basket with basket changing system, eyelets for safety belts and tool tray
- Cables and hoses are safely routed through the boom structure
- Biodegradable hydraulic oil
- High-quality paint in RAL 3020 (red)
- Lock valves - hydraulic return valves directly on all hydraulic cylinders
- Relief valves protecting the hydraulic system from too high pressures
- Protective covers for oil-tank, emergency controls and connecting cables and hoses
- Hour meter
- Fuzzy IV control technology

**preliminary*

CONFIGURATION REDLINE

- Kubota D1305 EJB Diesel engine (18,0 kW/24,47 hp)
- Automatic boom function cut off by a monitoring system of the access stair locking system.
- Coming Home & Memory Function
- Treecare package, consisting of:
  - Protective cover over control box
  - Protective cover over hydralic and fuel tank
  - Covers on piston rod (outrigger/stabiliser) cylinders
- Hydraulically height- und width-adjustable track chassis
- Outrigger pad (340 x 850 x 75 mm)
- Additional display in the control box

OPTIONS

- Custom paintwork, one colour, according to RAL scheme (except metallic coatings, signal- or special colors)
- Custom paintwork, two colours, according to RAL scheme (except metallic coatings, signal- or special colors)

ACCESSORIES

- Safety harness
- Track mat (2000 x 800 x 15 mm) fits exactly into transport frame
- 2 protective track covers, made of high-quality polypropylene fabric
- Lifting device (300 kg load capacity). This option can only be ordered in combination with the automatic boom function cut off.
- 2 LED headlights 10-30 V on engine unit
- Lighting package 1:
  - 2 LED headlights on engine unit
  - 2 LED headlights on the turn table
- Lighting package 2:
  - 2 flashlights on each outrigger
  - 3 flashlights on the turn table
  - 3 flashlights on the basket
- Lighting package 3:
  - 2 LED headlights in the basket

SUBFRAME

- Subframe for truck Mitsubishi Canter

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