

Technical data

LE 18 GT plus

TEUPEN[®]
...access redefined

since '77

PERFORMANCE

Working height, max.	18,30 m
Platform height, max.	16,30 m
Horizontal outreach, max. (200 kg)	8,50 m
Up and over clearance, max.	8,30 m
Platform capacity, max.	200 kg
Jib, movable	90 °
Turntable rotation, max.	355 °
To be jacked up on ground slope of	12,0 ° / 21,0 %
Track drive, height- and width-adjustable	8 / 16 cm
Gradeability, max.	19,7 ° / 35,5 %
Slope angle, max.	16,7 ° / 30,0 %
Travel speed, max.	1,8 km/h

MEASUREMENTS*

Platform (height) (A)	1,10 m
Platform (length) (B)	1,40 m
Platform (width) (C)	0,70 m
Length (D)	5,20 m
Length without platform (E)	4,50 m
Height (F)	1,99 m
Width, min. (G)	0,78 m
Ground clearance, max. (H)	0,25 m
Track (length x width) (I)	1,45 x 0,20 m
Outrigger footprint (length) (J)	3,31 m
Outrigger footprint (width) (K)	3,03 m
Outrigger plate Ø	0,18 m

WEIGHT*

Total weight	2650 kg
Live load in travelling position	5,28 kN/m ²
Live load in working position	3,13 kN/m ²
Point load per outrigger plate, max.	17,30 kN

POWER SOURCES

Standard power sources:

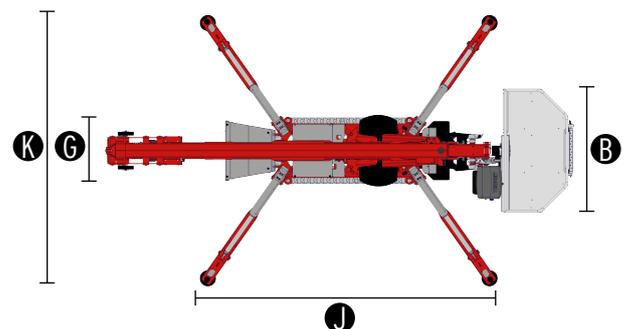
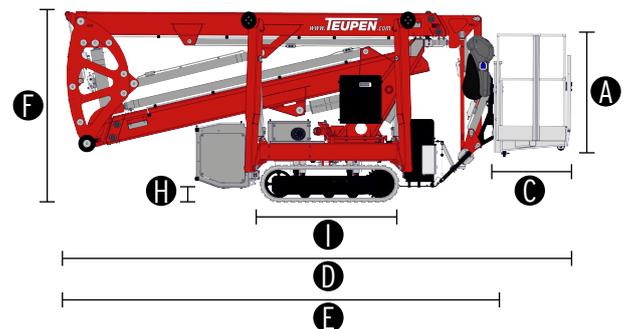
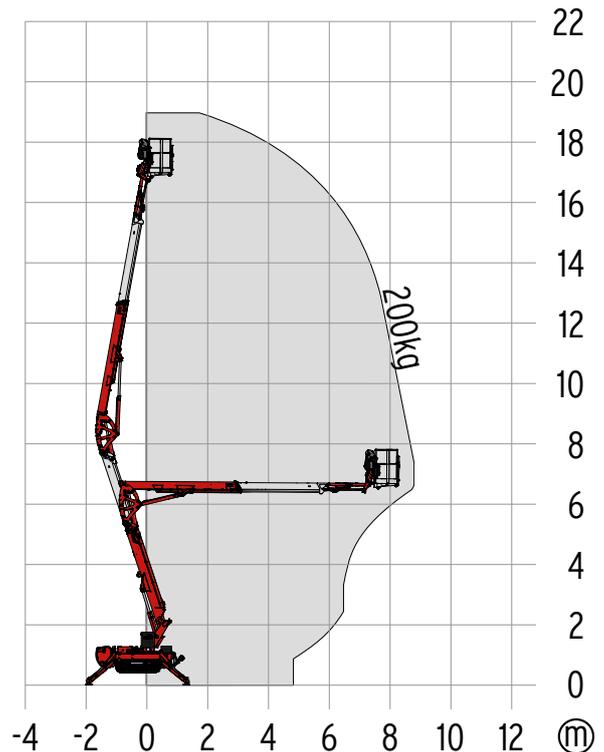
■ Electric motor	(230 V, 12,9 A, 2,2 kW)
■ Combustion engine (petrol)	Vanguard OHV 16HP (11,93 kW / 16,0 hp)

Optional power source:

■ Combustion engine (Diesel)	Kubota Z602 (10,8 kW / 14,5 hp)
■ Battery drive (lead acid)	48 V
Fuel tank capacity (petrol engine)	12,0 l
Fuel tank capacity (Diesel engine)	12,0 l

POWER SUPPLY

Electric current, max.	230 V / 16 A
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STANDARDS

2006/42/EG-Machinery directive
(Harmonised standard EN280:2001 + A2:2009); 2004/108/EG (EMV)
2000/14/EG (Noise emission directive)

* The technical data may deviate +/- 3% from the specified values.
* Weight and dimensions may vary depending on options and accessories.

CHASSIS

- Powerful track drive with hydraulic braking system
- Precise manoeuvring via sensitive remote control
- Indoor non-marking rubber tracks, with less tread depth the profile enables smooth travelling
- Hydraulically height- and width-adjustable crawler track drive

STABILISATION

- Electrohydraulic stabilisation with automatic levelling and ground pressure sensor system
- Wear resistant, ant-friction outrigger pads

BOOM SYSTEM

- Telescopic lower and upper boom
- All functions available via radio remote control
- Robust, lockable control panel
- Parallel guided platform with hydraulic levelling system
- Turntable rotation via high-performance slewing ring, worm gear and hydraulic motor

POWER SOURCE

- Electric motor (230 V, 12,9 A, 2,2 kW)
- Petrol engine Vanguard OHV 16HP (11,93 kW / 16,0 hp)
- Start-stop device for combustion engine in the platform

PRODUCTIVITY, SAFETY, QUALITY

- Hydraulic emergency lowering via hand pump
- Power socket in the platform (110 V / 16 A)
- Detachable platform, including attachment point for safety harnesses
- Drive operation without platform possible
- Protected, internal power track for platform control
- Impact resistant cover over control box and control panel
- Hydraulic system filled with biodegradable hydraulic oil
- High-quality paint in RAL 3020 (red)
 - Hydraulic cylinders in RAL 9006 (white aluminium)
 - Engine unit & component support in RAL 9006 (white aluminium)
- Unlockable check valves located directly on hydraulic cylinders
- Hydraulic system protected by pressure relief valves
- Hydraulic tank, emergency control, connecting cables and hoses are mounted protected
- Solid base frame with full-length forklift pockets
- Hour meter
- Fuzzy control technology

OPTIONS*

- Diesel engine Kubota Z602 (10,8 kW / 14,5 hp)
- Battery drive 48 V (lead acid) including charging device
- Custom paintwork, one colour, according to RAL scheme
 - (except metallic coatings, signal- or special colours)
- Custom paintwork, two colours, according to RAL scheme
 - (except metallic coatings, signal- or special colours)
- Indoor non-marking rubber tracks, with less tread depth the profile enables smooth travelling

ACCESSORIES*

- Safety harness
- 4 sliding pads (700 x 220 x 60 mm)
- Track mat (2000 x 800 x 15 mm)
- 2 protective track covers made of high-quality polypropylene fabric
- Lifting device (200 kg capacity)
- 4 covers, piston rod (outrigger)
- Tree package, including
 - Guard plate over cover (hydraulic tank)
 - Guard plate over cover (turntable)
- 2 LED headlights (combustion engine)
- 2 LED headlights (battery drive)
- TOP level 1

CONTACT

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* Weight and dimensions may vary depending on options and accessories.

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2021-B_en_GB