

LEO34GTplus

Technical data

PERFORMANCE

Working height, max.	34,10 m
Platform height, max.	32,10 m
Horizontal outreach, max. (140 kg)	19,90 m
Horizontal outreach, max. (300 kg)	18,90 m
Horizontal outreach, max. (400 kg)	18,00 m
Negative reach, max.	9,20 m
Up and over clearance, max.	21,00 m
Platform capacity, max.	400 kg
Jib, movable	200°
Platform rotatable	2 x 220°
Turntable rotation, max.	450°
To be jacked up on ground slope of	16,7° / 30,0 %
Track drive, height- & width adjustable	23 cm / 12 cm
Gradeability, max.	16,7° / 30,0 %
Slope angle, max.	16,7° / 30,0 %
Travel speed, max.	3,0 km/h

MEASUREMENTS*

Platform height (A)	1,10 m
Platform length (B)	1,50 m
Platform width (C)	0,80 m
Length (D)	7,85 m
Length without platform (E)	7,00 m
Height (F)	1,99 m
Width, min. (G)	1,59 m
Ground clearance, max. (H)	0,40 m
Track (length x width) (I)	2,12 m x 0,30 m

Stabilisation

Wide: Length (J) x width (K)	5,31 m x 5,20 m
Narrow: Length (L) x width (M)	7,30 m x 2,70 m
Left or right narrow: Width (N)	4,00 m
Outrigger plate (length x width)	0,50 m x 0,22 m

WEIGHT*

Total weight	8210 kg
Live load in travelling position	6,20 kN/m ²
Live load in working position	3,06 kN/m ²
Point load per outrigger plate, max.	57,70 kN

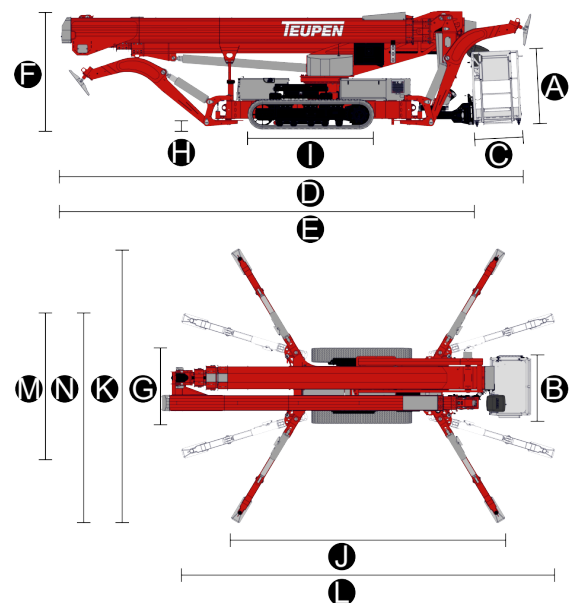
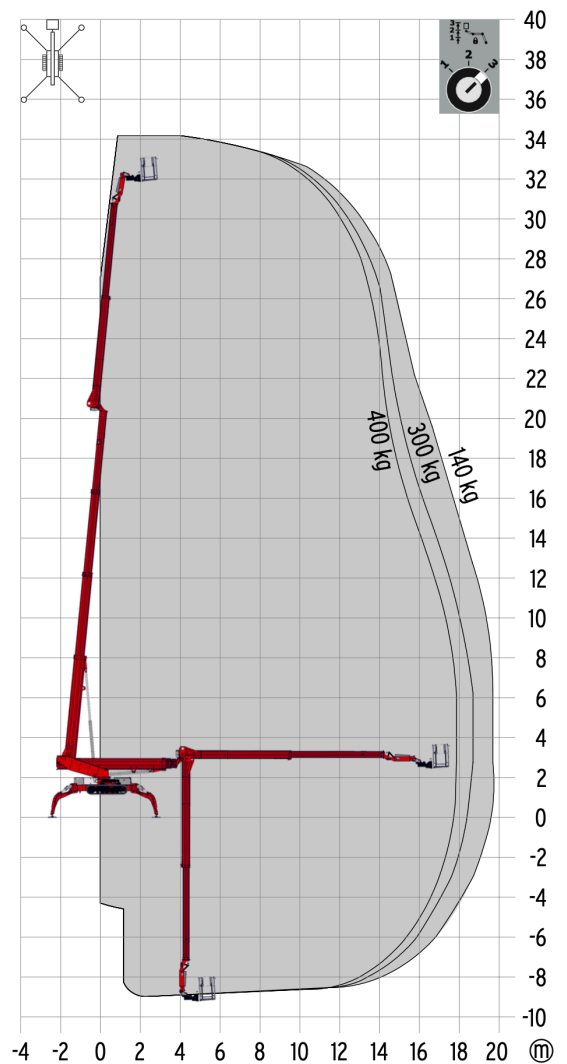
POWER SOURCES

Standard power sources

• Electric motor	Country specific 3-phases
• Combustion engine (Diesel)	Kubota D1305 (18kW/24,47hp)
• Fuel tank capacity (Diesel engine)	32,00 l

POWER SUPPLY

Electric current, max.	Country specific, on request
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STANDARDS

Harmonised standard DIN EN 280:2016

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

Equipment

CHASSIS

- Powerful track drive with hydraulic braking system
- Precise manoeuvring via sensitive remote control
- White, non-marking rubber tracks with specially arranged profile for optimal grip
- Hydraulically height- and width adjustable crawler track drive

STABILISATION

- Electrohydraulic stabilisation with automatic levelling and ground pressure sensor system
- Variable outrigger system with one side or both sides narrow setup option
- Outrigger pads, steel

BOOM SYSTEM

- Telescopic lower and upper boom
- All functions available via radio remote control
- Robust, lockable control panel
- 2 x 220° platform rotation for additional flexibility
- Jib movable by 200°
- Platform changing system
- Coming home and memory function - can be stored for any point on the work diagram and the point can be accessed once more at the touch of a button
- Radio control with display, two-line
- Height cut-off for boom system, 2 set points
- Horizontal outreach, selectable

POWER

- Electric motor (country specific 3-phases)
- Diesel engine Kubota D1305 (18,0 kW / 24,47 hp)
- Start-stop device for combustion engine in the platform

PRODUCTIVITY, SAFETY, QUALITY

- Hydraulic emergency lowering via electric pump
- Additional hydraulic drive for boom recovery via platform control
- Power socket in the platform (country-specific 1-phases)
- Ultrasonic sensors platform
- 2 LED headlights (drive unit)
- Detachable platform
- Drive operation without platform possible
- Lockable storage box
- Protected, internal power track for platform
- 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 valve located directly on hydraulic cylinders
- Hydraulic system protected by pressure relief valves
- Display in the control panel
- Additional display in the control box
- Hour meter

OPTIONS*

- Battery drive (lithium) 96 V
- Custom paintwork, one colour, according to RAL scheme**
- Custom paintwork, two colours, according to RAL scheme**
- Storage frame for sliding pads, lockable
- Hydraulic generator
- Tree package light, including
 - 4 covers, piston rod (outrigger)
- Tree package, including
 - Tree package light
 - Cover over component tray
- Flashlights on the outrigger (12 V or 24 V)
- Flashlights on the turntable (12 V or 24 V)
- Flashlights on the platform (12 V or 24 V)
- 2 LED headlights (turntable)
- 1 LED headlight (platform)
- Platform ladder monitoring system with boom function cut-off
- Copper strips, pivot point
- Additional connections on the platform
- TOPS (TEUPEN Operator Protection) for platform sizes 900x800 or 1200x800
- TOPS (TEUPEN Operator Protection) for platform sizes 1500x800 or 2000x800
- Platform 900 x 800
- Platform 1200 x 800
- Platform 2000 x 800
- Handrail protection for platform for sizes 900x800, 1200x800, 1500x800, 2000x800

ACCESSORIES

- Safety harness
- Sliding pad (900 x 300 x 80 mm)
- Track mat (2000 x 800 x 15 mm)
- Lifting device (450 kg capacity)
- Additional platform 900 x 800
- Additional platform 1200 x 800
- Additional platform 2000 x 800

CONTACT

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* Weight and measurements may vary depending on options and accessories.
** Except metallic coatings, signal- or special colours.



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