

LEO30Tplus

Technical data

PERFORMANCE

Working height, max. (300 kg / 400 kg)	30,00 m / 27,00 m
Working height, max. (both sides narrow)	25,00 m
Platform height, max. (one side narrow)	27,00 m
Platform height, max. (300 kg / 400 kg)	28,00 m / 25,00 m
Platform height, max. (both sides narrow)	23,00 m
Platform height, max. (one side narrow)	25,00 m
Horizontal outreach, max. (400 kg)	12,70 m
Horizontal outreach, max. (300 kg)	14,00 m
Horizontal outreach, max. (140 kg)	16,00 m
Horizontal outreach, max.(both sides narrow)	14,50 m
Platform capacity, max.	400 kg
Platform capacity (both sides narrow)	250 kg
Jib, movable	180°
Platform rotatable	180°
Turntable rotation, max.	450°
To be jacked up on ground slope of	16,7° / 30,0 %
Track drive, height- & width adjustable	24 cm / 22 cm
Gradeability, max.	16,7° / 30,0 %
Slope angle, max.	21,0° / 38,0 %
Travel speed, max.	3,0 km/h

MEASUREMENTS*

Platform height (A)	1,10 m
Platform length (B)	1,20 m
Platform width (C)	0,80 m
Length (D)	7,70 m
Length without platform (E)	7,50 m
Height (F)	1,98 m
Width, min. (G)	1,58 m
Ground clearance, max. (H)	0,43 m
Track (length x width) (I)	1,92 m x 0,25 m

Stabilisation

Wide: Length (J) x width (K)	5,51 m x 5,60 m
Narrow: Length (L) x width (M)	7,55 m x 2,99 m
Left or right narrow: Width (N)	4,30 m
Front or back narrow: Length (O)	6,53 m
Outrigger plate (length x width)	0,31 m x 0,22 m

WEIGHT*

Total weight	4550 kg
Live load in travelling position	3,60 kN/m²
Live load in working position	1,81 kN/m²
Point load per outrigger plate, max.	32,00 kN

POWER SOURCES

Standard power sources

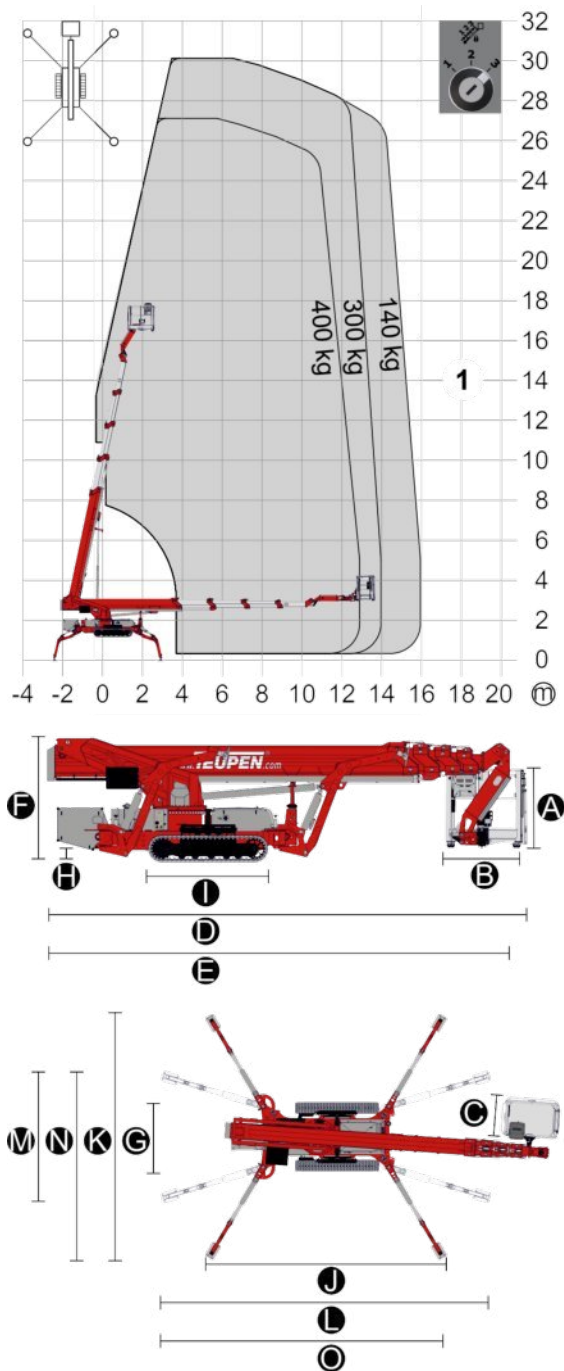
• Electric motor	Country specific 1-phase
• Combustion engine (Diesel)	Kubota D902 (16,1kW/21,9hp)
• Fuel tank capacity (Diesel engine)	39,0 l

Optional power sources

• Battery drive (AGM)	80V
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POWER SUPPLY

Electric current, max.	Country specific, on request
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STANDARDS

Harmonised standard DIN EN 280:2016

LEO30Tplus

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
 - wide supported
 - narrowly supported
 - left or right supported
 - front or back supported

- Outrigger pads, steel

BOOM SYSTEM

- Boom system made of steel/aluminium boom tubes
- All functions available via radio remote control
- Robust, lockable control panel
- 180° platform rotation for additional flexibility
- Jib movable by 180°
- 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

POWER

- Electric motor (country specific 1-phase)
- Diesel engine Kubota D902 (16,1 kW / 21,9 hp)
- Start-stop device for combustion engine via radio control

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-phase)
- 2 LED headlights (drive unit)
- Detachable platform, attachment points for safety harnesses and tool tray
- 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
- Hour meter

OPTIONS*

- Battery drive (AGM) 80 V
- Custom paintwork, one colour, according to RAL scheme**
- Custom paintwork, two colours, according to RAL scheme**
- Height cut-off for boom system, 2 set points
- Storage frame for sliding pads, lockable
- Hydraulic generator
- Tree package light, including
 - 4 covers, piston rod (outrigger)
- Tree package, including
 - Tree package light
 - Guard plate cover over hydraulic tank
 - Guard plate cover over turntable
 - Guard plate cover over control box
 - Guard plate cover over rotary gearbox
- Additional display in the control box
- 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
- Additional connections on the platform
- Snap hook, boom tubes
- 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 1500 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 1500 x 800
- Additional platform 2000 x 800

OFFICIAL DISTRIBUTOR

Alfa Access Services Ltd
Unit 1 & 2, The Camp
Wood Lane, Ramsey
Huntingdon, PE26 2XB
United Kingdom

☎ 0800 193 0045



✉ info@alfa-access-services.com



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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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