

# LEO35Tplus

## Technical data

### PERFORMANCE

Working height, max. (300 kg / 400 kg)	35,00 m / 32,00 m
Working height, max. (both sides narrow)	30,00 m
Platform height, max. (one side narrow)	32,00 m
Platform height, max. (300 kg / 400 kg)	33,00 m / 30,00 m
Platform height, max. (both sides narrow)	28,00 m
Platform height, max. (one side narrow)	30,00 m
Horizontal outreach, max. (400 kg)	13,00 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 <b>(A)</b>	1,10 m
Platform length <b>(B)</b>	1,20 m
Platform width <b>(C)</b>	0,80 m
Length <b>(D)</b>	8,00 m
Length without platform <b>(E)</b>	7,80 m
Height <b>(F)</b>	1,99 m
Width, min. <b>(G)</b>	1,58 m
Ground clearance, max. <b>(H)</b>	0,43 m
Track (length x width) <b>(I)</b>	1,92 m x 0,25 m

### Stabilisation

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

### WEIGHT\*

Total weight	5500 kg
Live load in travelling position	4,17 kN/m²
Live load in working position	2,16 kN/m²
Point load per outrigger plate, max.	36,00 kN

### POWER SOURCES

#### Standard power sources

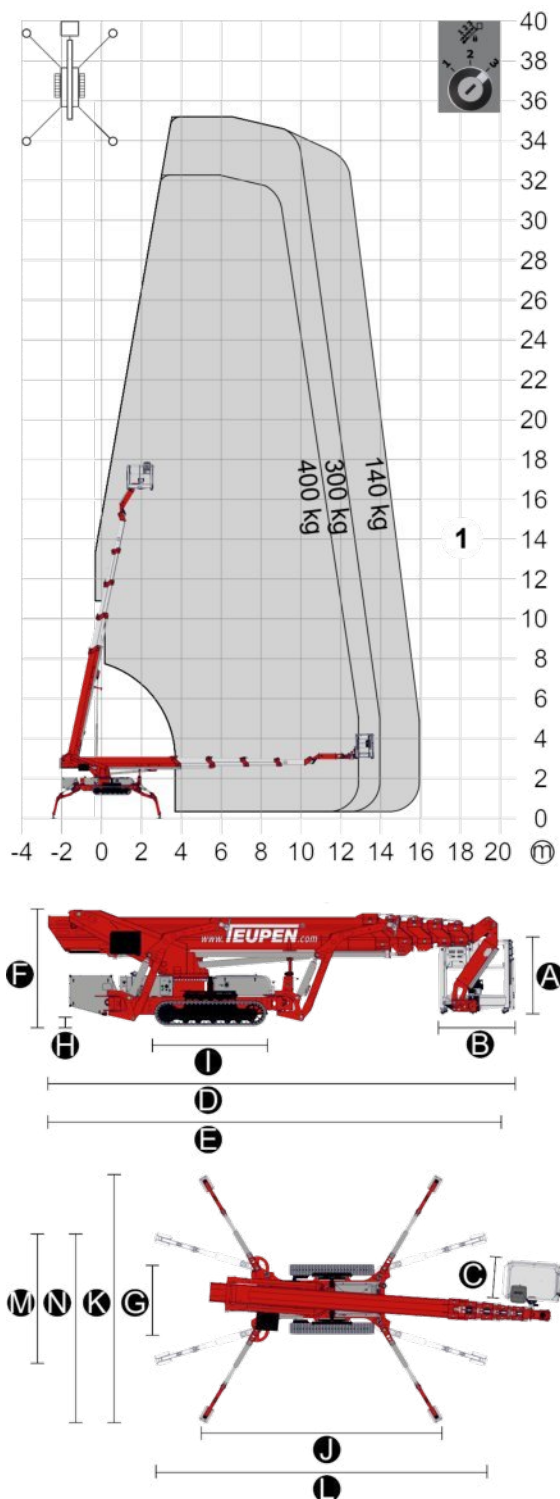
• Electric motor	Country specific 1-phase
• Combustion engine (Diesel)	Kubota D902 (16,1kW/21,9hp)
• Fuel tank capacity (Diesel engine)	39,0 l

#### 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

# LEO35Tplus

## 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

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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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