

# Technical data

**LEO 35Tplus**

**TEUPEN®**  
...access redefined

since '77

## PERFORMANCE

|                                               |                   |
|-----------------------------------------------|-------------------|
| Working height, max. (300 kg / 400 kg)        | 35,00 m / 32,00 m |
| Working height, max. (both sides narrow)      | 30,00 m           |
| Working height, max. (one side narrow)        | 32,00 m           |
| Platform height (300 kg / 400 kg)             | 33,00 m / 30,00 m |
| Platform height, max. (both side 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, max. (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- and width-adjustable     | 24 / 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)                                        | 8,00 m          |
| Length without platform (E)                       | 7,80 m          |
| Height (F)                                        | 1,99 m          |
| Width, min. (G)                                   | 1,58 m          |
| Ground clearance, max. (H)                        | 0,43 m          |
| Track (length x width) (I)                        | 1,92 x 0,25 m   |
| Outrigger footprint both side wide (length) (J)   | 5,51 m          |
| Outrigger footprint both side wide (width) (K)    | 5,60 m          |
| Outrigger footprint one side narrow (length) (L)  | 7,55 m          |
| Outrigger footprint one side narrow (width) (M)   | 4,30 m          |
| Outrigger footprint both sides narrow (width) (N) | 2,99 m          |
| Outrigger plate (length x width)                  | 0,31 m x 0,22 m |

## WEIGHT\*

|                                      |                        |
|--------------------------------------|------------------------|
| Total weight                         | 5400 kg                |
| Live load in travelling position     | 4.30 kN/m <sup>2</sup> |
| Live load in working position        | 2.10 kN/m <sup>2</sup> |
| Point load per outrigger plate, max. | 36.00 kN               |

## POWER SOURCES

Standard power sources:

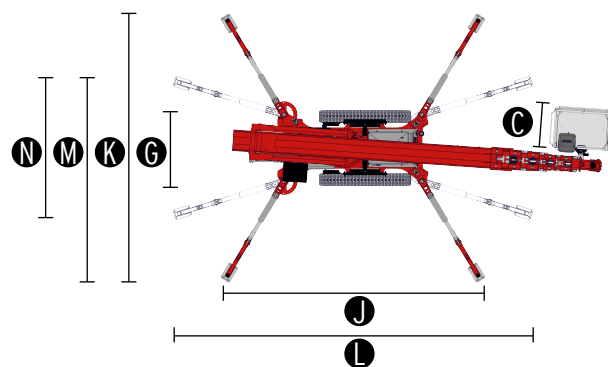
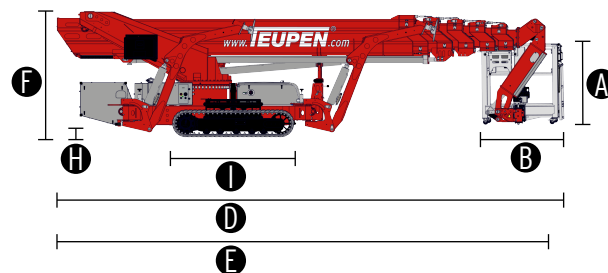
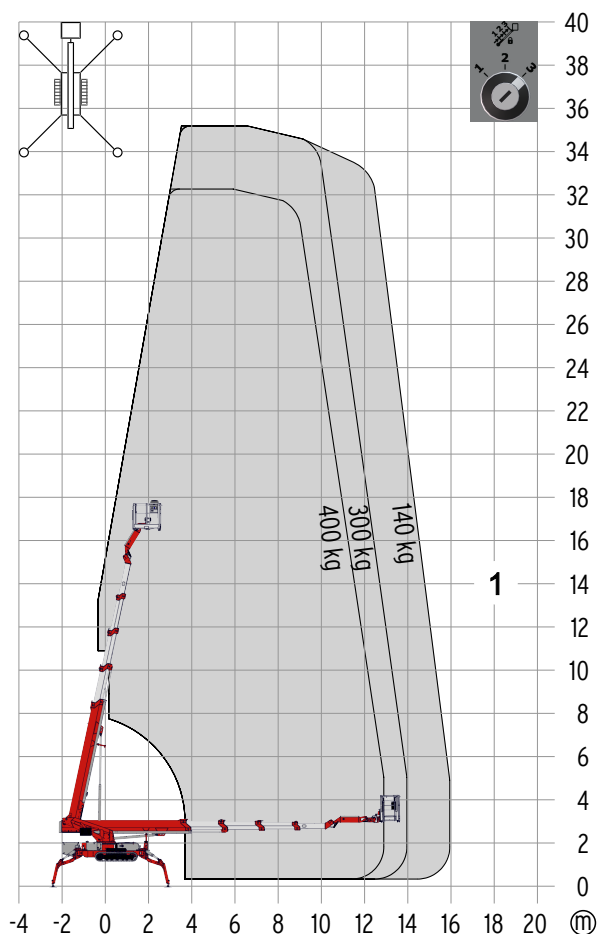
|                              |                                 |
|------------------------------|---------------------------------|
| ■ Electric motor             | (country-specific 1-phase)      |
| ■ Combustion engine (Diesel) | Kubota D902 (16,1 kW / 21,6 hp) |

Optional power source:

|                                    |        |
|------------------------------------|--------|
| ■ Battery drive (AGM)              | 80 V   |
| Fuel tank capacity (Diesel engine) | 39,0 l |

## POWER SUPPLY

|                        |                              |
|------------------------|------------------------------|
| Electric current, max. | country-specific, on request |
|------------------------|------------------------------|



## 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.

## 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

- Boom system made of steel/aluminium boom tubes
- All functions available via radio remote control
- Robust, lockable control panel
- 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 SOURCE

- Electric motor (country-specific 1-phase)
- Diesel engine Kubota D902 (16,1 kW / 21,6 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 control
- 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
- Display in the control panel
- Hour meter

## OPTIONS\*

- Battery drive (AGM) 80 V 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)
- Height cut-off, 2 set points
- Water and air connection, platform

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

## ACCESSORIES\*

- Safety harness
- Track mat (2000 x 800 x 15 mm)
- 4 sliding pads (850 x 340 x 75 mm)
- Storage frame for sliding pads, lockable
- Snap hook, boom tubes
- 2 protective track covers made of high-quality polypropylene fabric
- Additional display in the control box
- Tree package, including
  - Cover (hydraulic tank, fuel tank, control box)
  - Tree package light - 4 covers, piston rod (outrigger)
- 8 flashlights (outriggers)
- 3 flashlights (turntable)
- 1 LED headlight (platform)
- Platform including platform support (900 x 800 mm)
- Platform including platform support (1500 x 800 mm)
- Platform including platform support (2000 x 800 mm)
- Lifting device (450 kg capacity)
  - Only in combination with additional display in the control box
- Copper strips, pivot point
- Platform ladder monitoring system with boom function cut-off
- TOP level 1

## CONTACT

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