

# LEO24T

## Technical data\*

### PERFORMANCE

|   |                |
|---|----------------|
| Working height, max.                    | 24,00 m        |
| Platform height, max.                   | 22,00 m        |
| Horizontal outreach, max. (100 kg)      | 14,00 m        |
| Horizontal outreach, max. (250 kg)      | 12,00 m        |
| Platform capacity, max.                 | 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 | 21 cm / 42 cm  |
| Gradeability, max.                      | 16,7° / 30,0 % |
| Slope angle, max.                       | 15,5° / 27,0 % |
| Travel speed, max.                      | 2,5 km/h       |

### MEASUREMENTS\*

|                                    |                 |
|------------------------------------|-----------------|
| Platform height <b>(A)</b>         | 1,10 m          |
| Platform length <b>(B)</b>         | 1,40 m          |
| Platform width <b>(C)</b>          | 0,70 m          |
| Length <b>(D)</b>                  | 6,95 m          |
| Length without platform <b>(E)</b> | 6,70 m          |
| Height <b>(F)</b>                  | 1,99 m          |
| Width, min. <b>(G)</b>             | 0,89 m          |
| Ground clearance, max. <b>(H)</b>  | 0,26 m          |
| Track (length x width) <b>(I)</b>  | 1,50 m x 0,23 m |

### Stabilisation

|  |                 |
|--|-----------------|
| Wide: Length <b>(J)</b> x width <b>(K)</b>   | 4,90 m x 4,70 m |
| Narrow: Length <b>(L)</b> x width <b>(M)</b> | 6,50 m x 2,99 m |
| Left or right narrow: Width <b>(N)</b>       | 3,90 m          |
| Front or back narrow: Length <b>(O)</b>      | 5,68 m          |
| Outrigger plate ø                            | 0,18 m          |

### WEIGHT\*

|                                      |            |
|--------------------------------------|------------|
| Total weight                         | 2990 kg    |
| Live load in travelling position     | 3,76 kN/m² |
| Live load in working position        | 1,38 kN/m² |
| Point load per outrigger plate, max. | 22,50 kN   |

### POWER SOURCES

#### Standard power sources

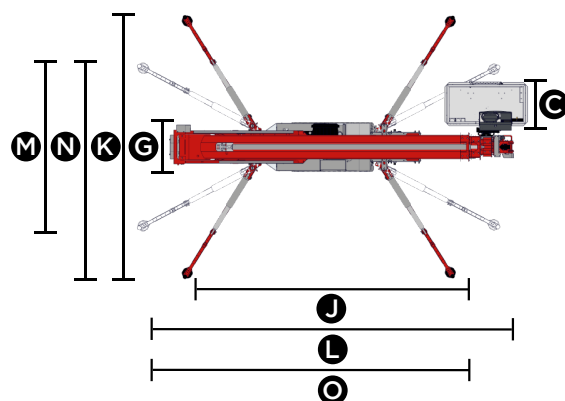
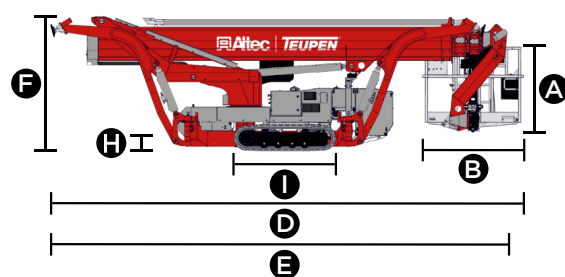
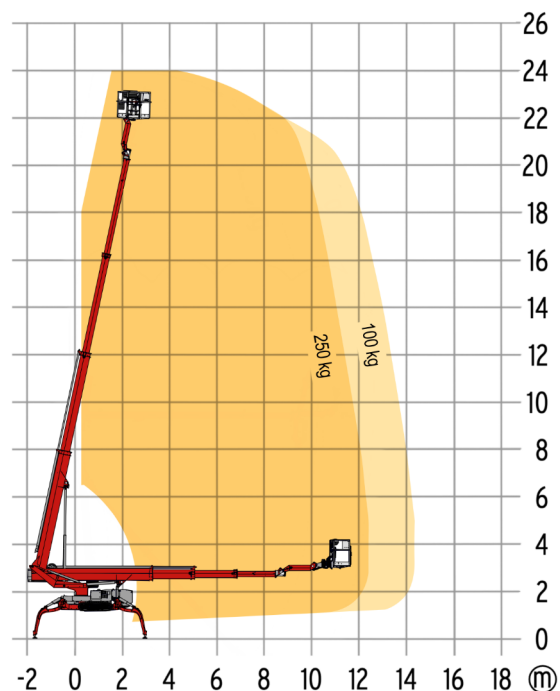
|                                      |                             |
|--------------------------------------|-----------------------------|
| • Electric motor                     | 230 V, 12,9 A, 2,2 kW       |
| • Combustion engine (Diesel)         | Kubota Z602 (10,8kW/14,7hp) |
| • Fuel tank capacity (Diesel engine) | 11,50 l                     |

#### Optional power sources

|                       |      |
|-----------------------|------|
| • Battery drive (AGM) | 48 V |
|-----------------------|------|

### 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.

\* Preliminary technical data - subject to change.

\*\* 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 indoor non-marking rubber tracks, with less tread depth the profiles enables smooth travelling
- 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
- Wear resistant, anti-friction outrigger pads

### BOOM SYSTEM

- Telescopic booms made of high-strength steel
- All functions available via radio remote control
- 180° platform rotation for additional flexibility
- Jib movable by 180°
- Coming home function - automatic return of the boom into transport position
- Platform changing system
- Robust, lockable control panel

### POWER

- Electric motor (country-specific 1-phase)
- Diesel engine Kubota Z602 (10,8 kW / 14,7 hp)
- Start-stop device for combustion engine via radio control

### PRODUCTIVITY, SAFETY, QUALITY

- Power socket in the platform (230 V / 16 A)
- USB socket in the control panel (5 V)
- Power socket in the control panel (country-specific 1-phase)
- Drive operation without platform possible
- Lockable storage box
- 4x Sliding pad (700 x 220 x 60 mm)
- Treecare package light, including 4 Covers on piston rod (outriggers)
- 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 valved located directly on hydraulic cylinders
- Hydraulic system protected by pressure relief valves
- Hydraulic tank, emergency control, connecting cables and hoses are mounted protected
- Colour display in the control panel
- Additional colour display in the chassis
- TEUPEN Fuzzy V control technology with new intuitive operating concept

### OPTIONS\*\*

- Battery drive (AGM) 48 V
- Custom paintwork, one colour, according to RAL scheme\*\*\*
- Custom paintwork, two colours, according to RAL scheme\*\*\*
- Flashlights on the outrigger (12 V)
- Flashlights on the turntable (12 V)
- Flashlights on the platform (12 V)
- 2 LED headlights (engine unit)
- 2 LED headlights (turntable)
- 1 LED headlight (platform)
- Platform ladder monitoring system with boom function cut-off
- Copper strips, pivot point incl. ground spike
- Additional connection in the platform
- TOPS (TEUPEN Operator Protection)
- Additional hydraulic drive with electric pump (12V)

### ACCESSORIES

- Safety harness
- Track mat (2000 x 800 x 15 mm)
- Lifting device (300 kg capacity)

### TRANSPORT

- Tandem-trailer (Alu)
  - max. permissible weight 3,5 t
  - Net weight 464 kg
  - Payload 3025 kg
- Tandem low platform trailer (Alu) - with loose ramps
  - max. permissible weight 3,5 t
  - Net weight 500 kg
  - Payload 3000 kg

### CONTACT

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\* Preliminary technical data - subject to change.

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

\*\*\* Except metallic coatings, signal- or special colours.

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