

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

Stabilisation

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

WEIGHT*

Total weight	2990 kg
Live load in travelling position	3,76 kN/m ²
Live load in working position	1,38 kN/m ²
Point load per outrigger plate, max.	22,50 kN

POWER SOURCES

Standard power sources

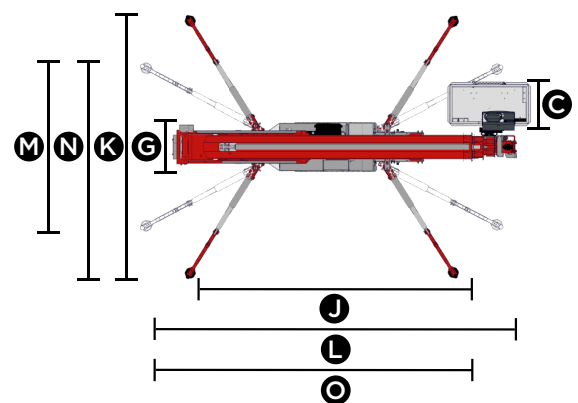
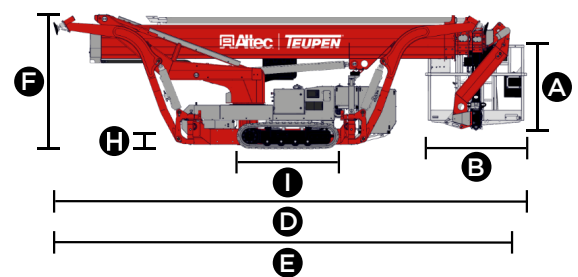
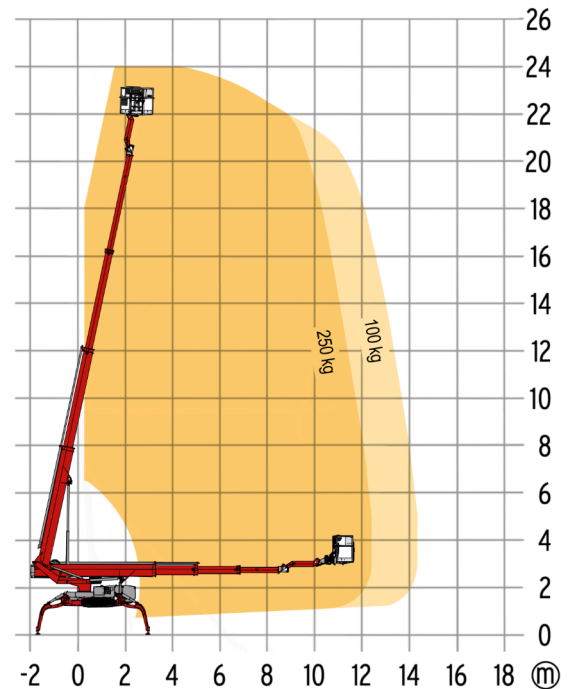
- Electric motor 230 V, 12,9 A, 2,2 kW
- Combustion engine (Diesel) Kubota Z602 (10,8kW/14,7hp)
- Fuel tank capacity (Diesel engine) 11,50 l

Optional power sources

- Battery drive (AGM) 48 V

POWER SUPPLY

Electric current, max.	Country specific, on request
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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.

Equipment

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)
- Storage frame for sliding pads, lockable
- Snap hook, boom tubes

ACCESSORIES

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

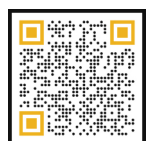
TRANSPORT

- Tandem-trailer (Alu)
 - max. permissible weight 3,5 t
 - Net weight 475 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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