

Technical data

LEO 24GT

TEUPEN[®]
...access redefined

since '77

PERFORMANCE

Working height, max.	24,00 m
Platform height, max.	22,00 m
Horizontal outreach, max. (250 kg)	12,00 m
Up and over clearance, max.	12,70 m
Platform capacity, max.	250 kg
Jib, movable	-
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	19/46 cm
Gradeability, max.	16,7 °/30,0 %
Slope angle, max.	19,0 °/34,0 %
Travel speed, max.	4,0 km/h

MEASUREMENTS

Platform (height) (A)	1,10 m
Platform (length) (B)	1,20 m
Platform (width) (C)	0,80 m
Length (D)	6,40 m
Length without platform (E)	5,05 m
Height (F)	1,99 m
Width, min. (G)	0,98 m
Ground clearance, max. (H)	0,44 m
Track (length x width) (I)	1,45 x 0,20 m
Outrigger footprint both side wide (length) (J)	4,70 m
Outrigger footprint both side wide (width) (K)	4,70 m
Outrigger footprint one side narrow (length) (L)	6,30 m
Outrigger footprint one side narrow (width) (M)	3,65 m
Outrigger footprint both sides narrow (width) (N)	2,65 m
Outrigger plate Ø	0,18 m

WEIGHT*

Total weight	3300 kg
Live load in travelling position	5,06 kN/m
Live load in working position	1,72 kN/m
Point load per outrigger plate, max.	23,70 kN

POWER SOURCES

Standard power sources:

- Electric motor (230 V, 12,9 A, 2,2 kW)
- Combustion engine (petrol) Vanguard OHV 16HP (11,93 kW/16,0 hp)

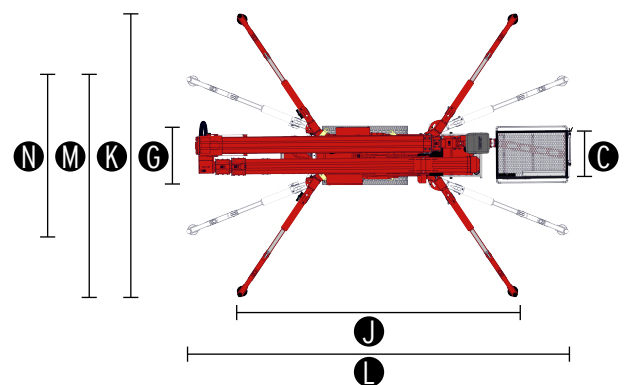
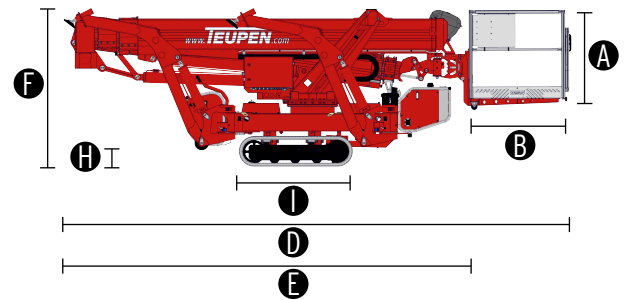
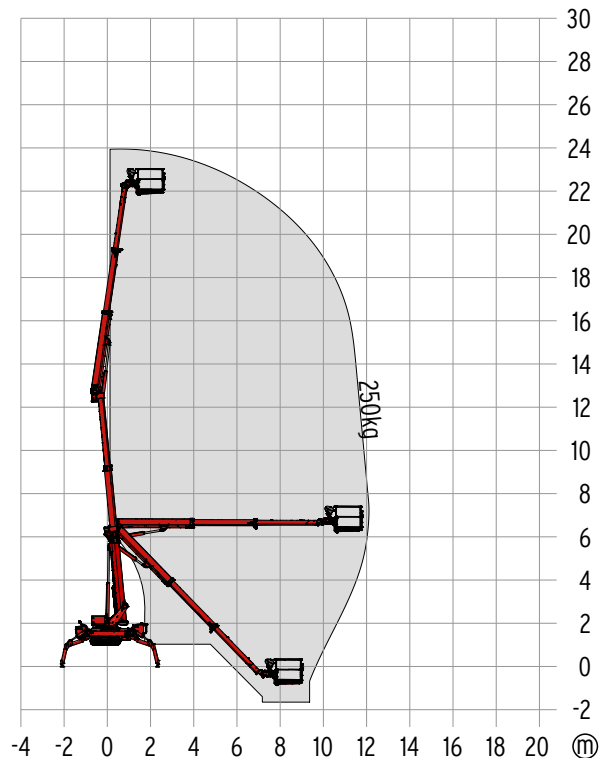
Optional power sources:

- Combustion engine (Diesel) Kubota Z602 (10,8 kW/14,5 hp)
- Battery drive 48 V

Fuel tank capacity (petrol engine)	11,5 l
Fuel tank capacity (Diesel engine)	11,5 l

POWER SUPPLY

Electric current, max.	230 V / 16 A
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STANDARDS

2006/42/EG-Machinery directive
(Harmonised standard EN280:2013); 2004/108/EG (EMV);
2000/14/EG (Noise emission directive)

* 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, electrohydraulic remote control
- White, non-marking rubber tracks with specially arranged profile for optimal grip
- Mechanically height- and width-adjustable 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
- Wear resistant, ant-friction outrigger plates

BOOM SYSTEM

- Telescopic lower and upper boom
- All functions available from the platform
- Stepless, electrical proportional control system with intuitive operation
- Robust, lockable control panel
- Parallel guided platform with electro hydraulic levelling
- Corner mounted, 180° rotatable platform for extra flexibility
- Turntable rotation via high-performance slewing ring, worm gear and hydraulic motor

POWER SOURCE

- Electric drive (230 V, 12,9 A, 2,2 kW)
- Petrol engine Vanguard OHV 16HP (11,93 kW/16,0 hp)
- Start-stop device for combustion engine in the platform

PRODUCTIVITY, SAFETY, QUALITY

- Power socket in the platform (110 V/16 A)
- Detachable platform, attachment points for safety harnesses and tool tray
- High-quality paint in RAL 3020 (red)
- Hydraulic emergency lowering via hand pump
- Drive operation without platform possible
- Protected, indoor energy supply for platform control
- Hydraulic system filled with biodegradable hydraulic oil
- Unlockable check valves located directly on hydraulic cylinders
- Hydraulic system protected by pressure relief valves
- Hydraulic tank, emergency control, connecting cables and hoses are mounted protected
- Hour meter
- Cable remote control as complete control panel for bottom connection, including storage box
- Fuzzy control technology

OPTIONS*

- Diesel engine Kubota Z602 (10,8 kW/14,5 hp)
This option can not be combined with petrol engine
This option can not be combined with battery drive
- 48 V battery drive including charging device
This option can not be combined with combustion engines
- Custom paintwork, one colour, according to RAL scheme (exceptions: metallic coatings, signal - or special colours)
- Custom paintwork, two colour, according to RAL scheme (exceptions: metallic coatings, signal - or special colours)
- Hydraulically height- and width-adjustable crawler track drive
- Radio remote control
- Indoor, non-marking rubber tracks with less tread depth the profileenables smooth travelling

ACCESSORIES*

- Safety harness
- 4 outrigger pads (450 x 400 x 40 mm)
- Lockable storage frame for outrigger pads
- 4 sliding pads (700 x 220 x 60 mm)
- 2 protective track covers made of high-quality polypropylene fabric
- Track mat (2000 x 800 x 15 mm)
- Lifting device (300 kg Traglast)
- 4 covers, piston rod (outrigger)
- Tree package, including:
Cover for control box turntable
4 covers, piston rod (outrigger)
- 2 LED headlights (combustion engine)
- 2 LED headlights (battery drive)
- Coming Home- Funktion - automatic return of the boom into transport position
- Platform ladder monitoring system, with boom function cut-off
- Emergency lowering via electric pump, including additional hydraulic drive (12 V) for boom recovery via platform control

SUBFRAME

- Subframe for truck Mitsubishi Canter (7,5 t)
Net weight subframe (450 kg)
- Subframe for truck Mercedes Atego (10,0 t)
Net weight subframe (450 kg)
- Subframe for truck Mercedes Atego (12,0 t)
Net weight subframe (460 kg)

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

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