

Technical data

LEO 36T

TEUPEN[®]
...access redefined

since '77

PERFORMANCE

Working height, max.	35,50 m
Platform height, max.	33,50 m
Horizontal outreach, max. (200 kg)	13,90 m
Horizontal outreach, max. (80 kg)	15,60 m
Platform capacity, max.	200 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	22 / 17 cm
Gradeability, max.	16,7 ° / 30,0 %
Slope angle, max.	16,7 ° / 30,0 %
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)	8,18 m
Length without platform (E)	8,18 m
Height (F)	1,98 m
Width, min. (G)	1,58 m
Ground clearance, max. (H)	0,27 m
Track (length x width) (I)	1,92 x 0,25 m
Outrigger footprint both side wide (length) (J)	5,30 m
Outrigger footprint both side wide (width) (K)	4,75 m
Outrigger footprint one side narrow (length) (L)	6,64 m
Outrigger footprint one side narrow (width) (M)	3,95 m
Outrigger footprint both sides narrow (width) (N)	-
Outrigger plate (length x width)	0,31 m x 0,22 m

WEIGHT*

Total weight	4900 kg
Live load in travelling position	3,75 kN/m ²
Live load in working position	2,4 kN/m ²
Point load per outrigger plate, max.	35,00 kN

POWER SOURCES

Standard power sources:

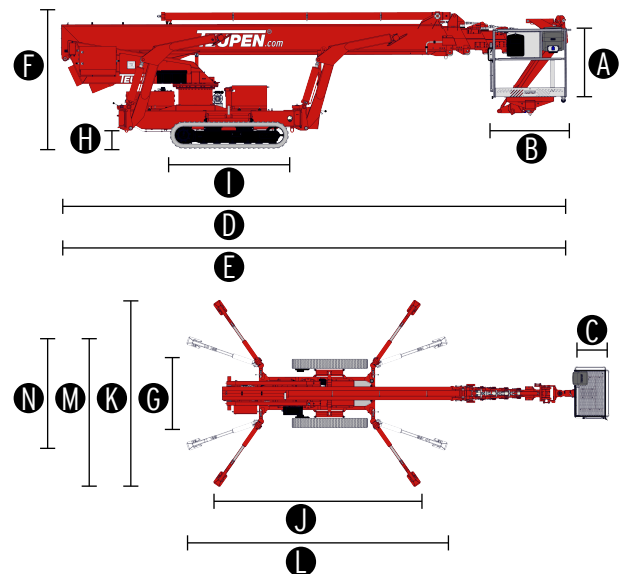
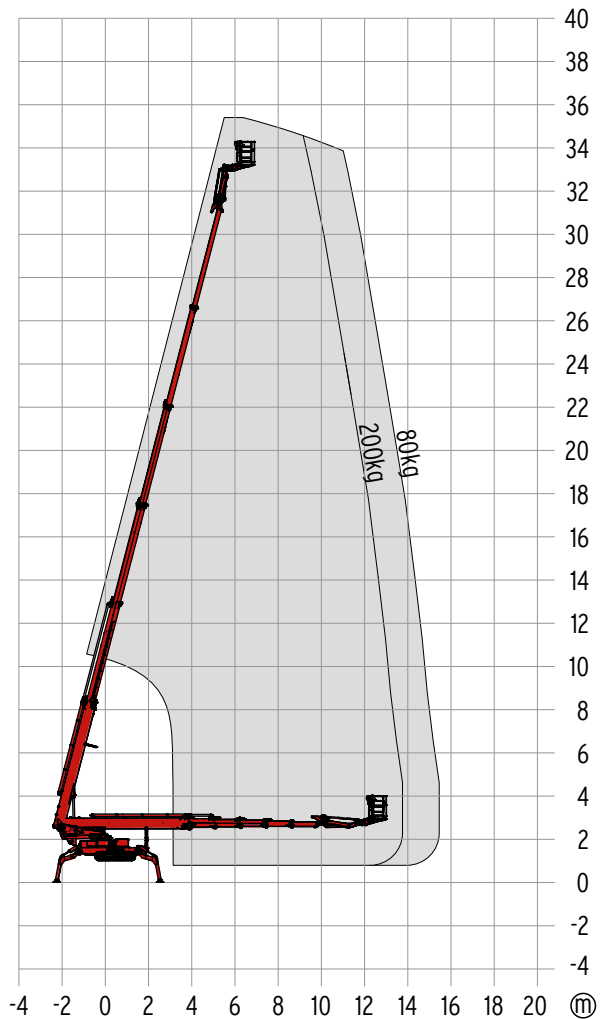
■ Electric motor	(230 V, 12,9 A, 2,2 kW)
■ Combustion engine (Diesel)	Kubota D902 (16,1 kW / 21,6 hp)

Optional power source:

Battery drive	80 V
Fuel tank capacity (Diesel engine)	40,0 l

POWER SUPPLY

Electric current, max.	230 V / 16 A
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STANDARDS

2006/42/EG-Machinery directive
(Harmonised standard EN280:2001 + A2:2009); 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 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 narrow setup option

BOOM SYSTEM

- Boom system made of steel/aluminium boom tubes
- All functions available via radio remote control
- Stepless, electrical proportional control system with intuitive operation
- Robust, lockable control panel
- Parallel guided platform with electro hydraulic levelling
- 180° platform rotation for additional flexibility
- Turntable rotation via high-performance slewing ring and hydraulic motor
- Platform changing system
- Coming home function - automatic return of the boom into transport position

POWER SOURCE

- Electric motor (230 V, 12,9 A, 2,2 kW)
- Diesel engine Kubota D902 (16,1 kW / 21,6 hp)
- Start-stop device for combustion engine in the platform

PRODUCTIVITY, SAFETY, QUALITY

- Hydraulic emergency lowering via hand pump
- Power socket in the platform (110 V / 16 A)
- 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 (grey)
- 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
- Fuzzy control technology

OPTIONS*

- Battery drive 80 V including charging device
- Extended electric drive
 - Optimal adjustment of the electric pump to various operation modes
- 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)

ACCESSORIES*

- Safety harness
- Track mat (2000 x 800 x 15 mm)
- 4 sliding pads (850 x 340 x 75 mm)
- 2 protective track covers made of high-quality polypropylene fabric
- 4 covers, piston rod (outrigger)
- Tree package, including
 - Cover (control box, turntable)
 - Cover (telescopic cylinder hydraulic connection)
 - 4 covers, piston rod (outrigger)
- Height cut-off for boom system, 2 set points
- Platform ladder monitoring system with boom function cut-off
- Platform including platform support (900 x 800 mm)
- Hydraulic emergency lowering via electric pump
 - This option can not be combined with battery drive
- TOP level 1

SUBFRAME

- 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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