

Technical data

LEO 40 GTX

TEUPEN
...access redefined

since '77

PERFORMANCE

Working height, max.	39,50 m
Platform height, max.	37,50 m
Working height, 400 kg platform capacity	36,50 m
Platform height 400 kg platform capacity	34,50 m
Horizontal outreach, max. (400 kg)	13,00 m
Horizontal outreach, max. (200 kg)	16,70 m
Horizontal outreach, max. (80 kg)	-
Up and over clearance, max.	22,00 m
Platform capacity, max.	400 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	50 / 32 cm
Gradeability, max.	16,7 ° / 30,0 %
Slope angle, max.	16,7 ° / 30,0 %
Travel speed, max.	1,6 km/h

MEASUREMENTS*

Platform (height) (A)	1,10 m
Platform (length) (B)	1,50 m
Platform (width) (C)	0,80 m
Length (D)	9,20 m
Length without platform (E)	8,20 m
Height (F)	1,98 m
Width, min. (G)	1,58 m
Ground clearance, max. (H)	0,56 m
Track (length x width) (I)	2,41 x 0,40 m
Outrigger footprint both side wide (length) (J)	6,75 m
Outrigger footprint both side wide (width) (K)	5,55 m
Outrigger footprint one side narrow (length) (L)	9,00 m
Outrigger footprint one side narrow (width) (M)	3,90 m
Outrigger plate (length x width)	0,52 m x 0,27 m

WEIGHT*

Total weight	11900 kg
Live load in travelling position	4,80 kN/m ²
Live load in working position	4,00 kN/m ²
Point load per outrigger plate, max.	75,50 kN

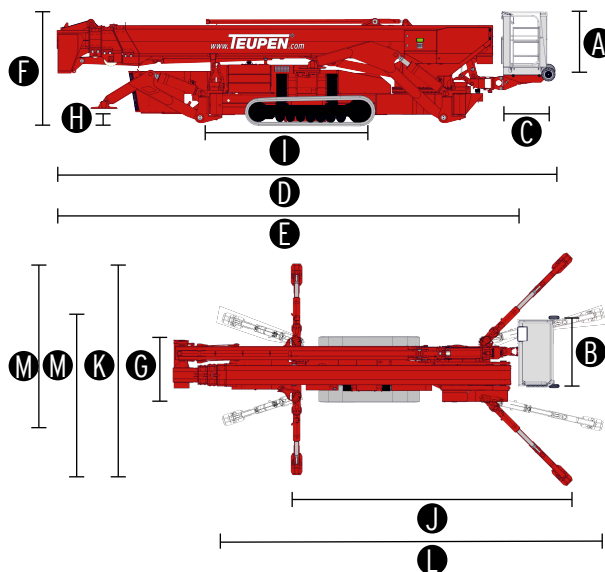
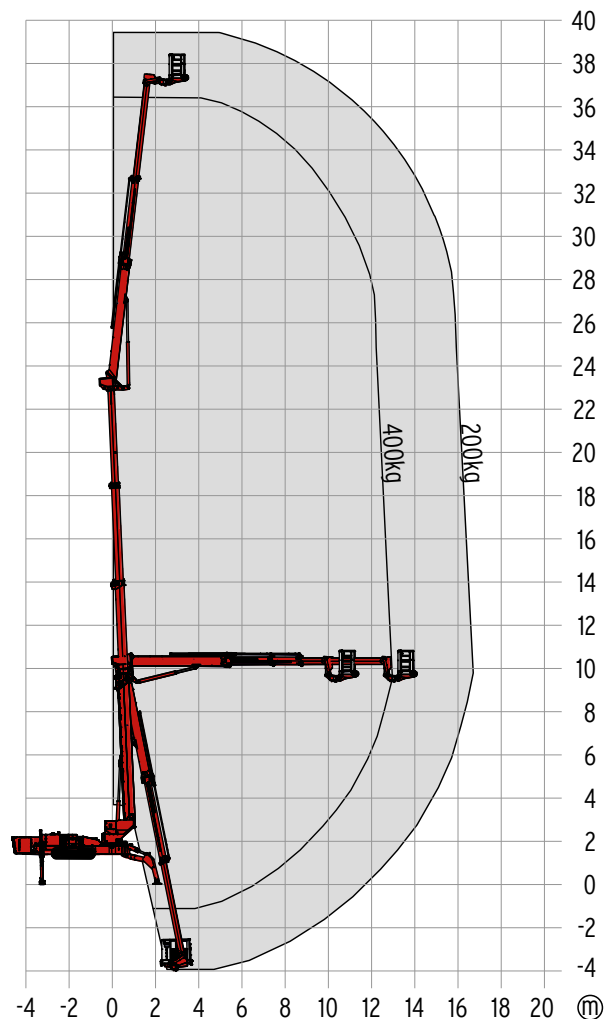
POWER SOURCES

Standard power sources:

■ Electric motor	(400 V, 15,7 A, 7,5 kW)
■ Combustion engine (Diesel)	Kubota V2203-M (35,9 kW / 48,8 PS)
Fuel tank capacity (Diesel engine)	80,0 l

POWER SUPPLY

Electric current, max.	400-460 V / 32 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

- Telescopic lower and upper boom
- Boom system made of steel/aluminium boom tubes
- Platform positioning into negative work area up to 4 meters below set up level
- Extending 200 kg platform capacity automatic height cut-off at 36,5 m
- 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, worm gear and hydraulic motor
- Platform changing system

POWER SOURCE

- Electric motor (400 V, 15,7 A, 7,5 kW)
- Diesel engine Kubota V2203-M (35,9 kW / 48,8 PS)
- Start-stop device for combustion engine in the platform

PRODUCTIVITY, SAFETY, QUALITY

- Hydraulic emergency lowering via electric pump
- Power socket in the platform (230 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
- Cable remote control as complete control panel for bottom connection, including storage box
- Hour meter
- Fuzzy control technology

OPTIONS*

- 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)
- Platform including load limit device (1200 x 800 mm)
 - Only in combination with platform support
- Detachable platform support for platform (1200 x 800 mm)

ACCESSORIES*

- Safety harness
- 4 sliding pads (1090 x 390 x 40 mm)
- Storage frame for sliding pads, lockable
- Track mat (2000 x 800 x 15 mm)
- Platform including load limit device and platform support (1800 x 800 mm)

CONTACT

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

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