

Specifications

LEO 40 GTX

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PERFORMANCE

Working height, max.	39,50 m
Working height with 400 kg	36,50 m
Horizontal outreach with 200 kg	16,70 m
Horizontal outreach with 400 kg	13,00 m
Up-and-over clearance, max.	22,00 m
Basket capacity	400 kg
Movable jib	-
Basket rotation	180°
Turret rotation	450°
Turret rotation, one side narrow	120°
To be jacked up on ground slope of	16,7°/30,0 %
Height and width track adjustment	50/32 cm
Gradeability, max.	16,7°/30,0 %
Slope angle	16,7°/30,0 %
Travel speed	1,6 km/h

MEASUREMENTS

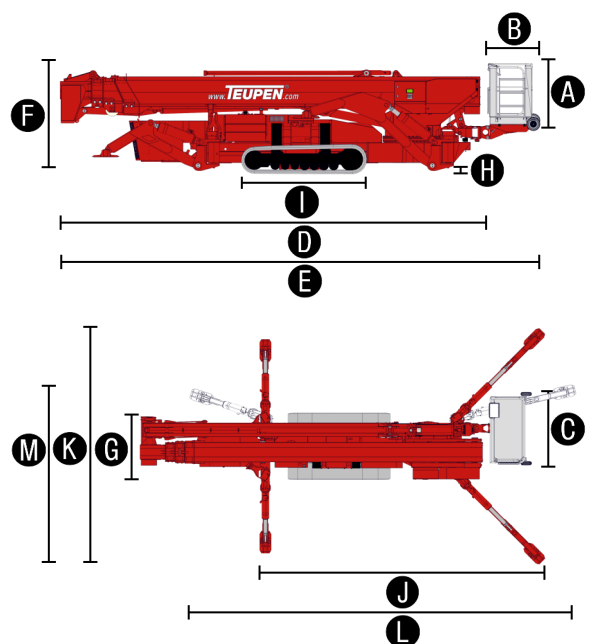
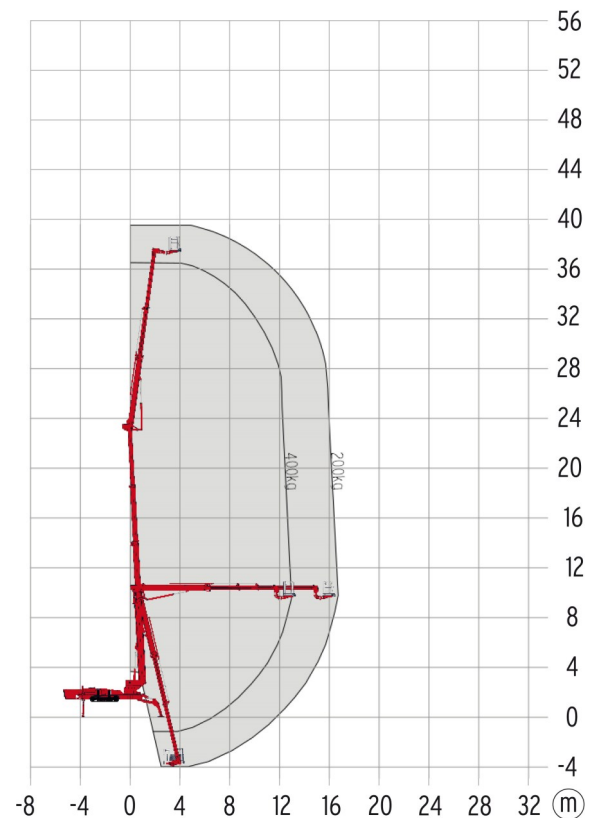
Platform height (A)	1,10 m
Platform length (B)	0,80 m
Platform width (C)	1,50 m
Length, without basket (D)	8,20 m
Length overall (E)	9,20 m
Height, travel position (F)	1,98 m
Width, minimal overall width (G)	1,58 m
Ground clearance, max. (H)	0,56 m
Track (L x W) (I)	2,41 m x 0,40 m
Length outrigger footprint standard (J)	6,75 m
Width outrigger footprint standard (K)	5,55 m
Length footprint one side narrow (L)	9,00 m
Width footprint one side narrow (M)	3,90 m
Outrigger plate (L x W)	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	4,0 kN/m ²
Point load per outrigger plate, max.	75,5 kN

POWER

Standard power sources (electric and combustion engine)	1) Electric: 400 V, 15,7 A, 7,5 kW 2) Diesel: Kubota V 2203-M (35,9 kW/48,1 hp)
Fuel tank capacity Diesel engine	80,0 l



STANDARDS COMPLIANCE

2006/42/EC-Machinery directive
(Harmonised standard EN280:2001 + A2:2009); 2004/108/EC (EMC);
2000/14/EC (Noise emission directive - outdoor)

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Features

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CHASSIS

- Powerful track drive with hydraulic braking system
- Precise maneuvering over sensitive electrohydraulic radio remote control
- White, non-marking rubber tracks with specially arranged profile providing optimum grip
- Hydraulically height- and width adjustable track chassis

STABILISATION

- Fully-hydraulic, automatic leveling system with outrigger setup monitoring
- Variable outrigger system with one-side narrow setup option

BOOM SYSTEM

- 4-section steel lower telescopic boom on wear-resistant, sliding blocks
- Reliable 3-section steel and aluminium upper boom on wear-resistant rollers
- Basket positioning into negative work area up to approx. 4 m below setup level
- Over 200 kg automatic height cut-off at 36,5 m
- All functions are available from one radio remote control panel
- Electric-proportional radio remote controls with intuitive operator guidance
- Robust, lockable control panel with integrated operation and display function
- Self-levelling platform with electro-hydraulic levelling system
- 180° basket rotation
- Boom rotation via high-performance slew ring, worm gear and hydraulic motor
- Basket changing system

POWER

- 400 V electric motor
- 4-cylinder Kubota V 2203-M Diesel engine, silenced (35,9 kW/48,1 hp)
- Start-Stop switch of combustion engine in the basket

PRODUCTIVITY, SAFETY, QUALITY

- 230 V (EU) double power outlet in the basket
- Ergonomically shaped basket with eyelets for safety belts and tool tray
- Lockable storage box for radio remote control
- High-quality paint in RAL 3020 (red)
- Electrically regulated emergency control system
- Cables and hoses are safely routed through the boom structure
- Biodegradable hydraulic oil
- Lock valves - hydraulic return valves directly on all hydraulic cylinders
- Relief valves protecting the hydraulic system from too high pressures
- Protective covers for oil-tank, emergency controls and connecting cables and hoses
- Hour meter
- Fuzzy control technology

OPTIONS

- Custom paintwork, one colour, according to RAL scheme (except metallic coatings, signal- or special colors)
- Custom paintwork, two colours, according to RAL scheme (except metallic coatings, signal- or special colors)
- Basket (1200 x 800 mm)* with load limit device, instead of the standard basket. This option can only be ordered in combination with the basket holder with measurements: 1200 x 800 mm
- Basket holder, detachable (for basket 1200 x 800 mm)

ACCESSORIES

- Safety harness
- Outrigger pad (1090 x 390 x 40 mm), PVC (14,8 kg additional weight)
- Lockable storage frame for outrigger pads
- Track mat (2000 x 800 x 15 mm)
- Additional exchange basket (1800 x 800 mm)* including basket load limit scale and basket holder

**Choosing other basket sizes results in different machine specifications and performance.*

CONTACT

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