

# Specifications

MEASUREMENTS	Metric	US
Working height, max.	14,70 m	48 ft 3 in
Horizontal outreach, max.	7,60 m	24 ft 11 in
Up-and-over clearance, max.	5,40 m	17 ft 9 in
Platform height (A)	1,10 m	3 ft 7 in
Platform length (B)	0,70 m	2 ft 4 in
Platform width (C)	1,40 m	4 ft 7 in
Length, overall (D)	5,25 m	17 ft 3 in
Length without basket (E)	4,52 m	14 ft 10 in
Height, travelling position (F)	1,99 m	6 ft 6 in
Width, min. (G)	0,78 m	2 ft 7 in
Ground clearance, max. (H)	0,42 m	1 ft 4½ in
Track (L x W) (I)	133 x 18 cm	4 ft 4 in x 7 in
Length outrigger footprint, max. (J)	3,61 m	11 ft 10 in
Width outrigger footprint, max. (K)	3,15 m	10 ft 4 in
Stabiliser/Outrigger plate Ø	0,18 m	7 in

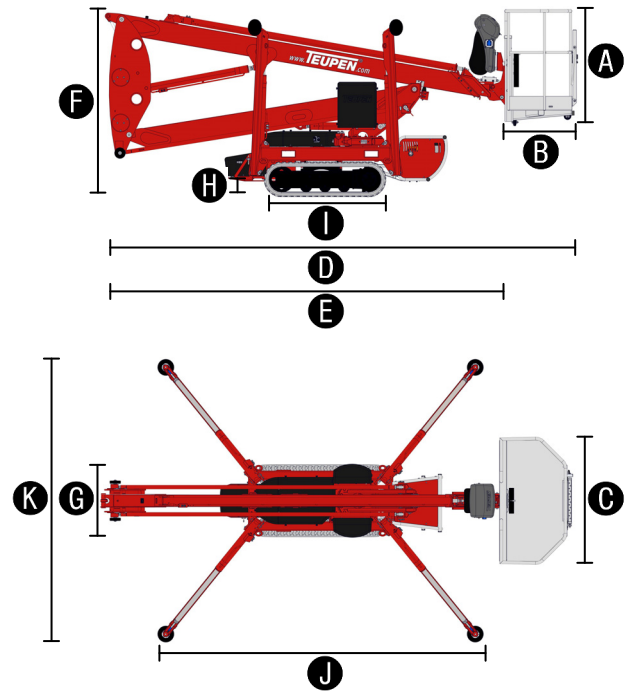
PRODUCTIVITY	Metric	US
Basket capacity	200 kg	441 lbs
Movable jib	-	-
Turret rotation	355°	355°
To be jacked up on ground slope of	13°/23,0 %	13°/23.0 %
Height and width track adjustment	12/18 cm*	4¾/7 in*
Gradeability, max.	16,7°/30,0 %	16.7°/30.0 %
Slope angle	16,7°/30,0 %	16.7°/30.0 %
Travel speed	1,0 km/h	0.6 mph

WEIGHT	Metric	US
Total weight	1780 kg	3925 lbs
Live load in travelling position	4,63 kN/m <sup>2</sup>	96.7 psf
Live load in working position	1,96 kN/m <sup>2</sup>	40.5 psf
Point load per outrigger plate, max.	12,8 kN	2878 lbf

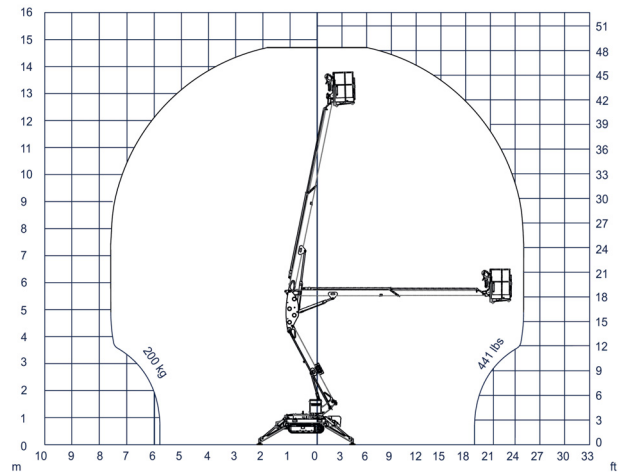
POWER		
Standard power sources (Electric and combustion engine)	1) <b>Electric:</b> EU: 230 V, 12,9 A, 2,2 kW US: 115 V, 19,3 A, 1,6 kW 2) <b>Petrol/Gas:</b> Robin-Subaru EX21 (3,7 kW/5 hp)	
Optional power source	<b>Diesel:</b> Hatz 1B30 (5,4 kW/7,3 hp)	
Fuel tank capacity petrol/gas engine	3,6 l	0.95 gal
Fuel tank capacity Diesel engine	5,0 l	1.3 gal

\* optional

## LEO 15 GT



### WORKING ENVELOPE



### STANDARDS COMPLIANCE



EN ISO 9001



EN 280:2001

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# Features



## TRACK CHASSIS

- Powerful track drive for precise maneuvering and terrainability
- Rubber tracks with specially arranged profile providing optimum grip
- White, non-marking rubber tracks

## STABILISATION

- Fully-hydraulic, automatic levelling system
- Constant outrigger/stabiliser setup monitoring with ground pressure sensing
- Wear resistant, anti-friction PVC outrigger/stabiliser feet

## BOOM SYSTEM

- Removable cable remote control
- All functions are available from one control panel
- Electric-proportional controls with intuitive operator guidance
- Robust, lockable control panel cover
- Self-levelling platform with fully-hydraulic levelling system
- Boom rotation via high-performance slew ring, worm gear and hydraulic motor
- Detachable two-person basket with eyelets for safety harnesses
- Emergency controls and emergency lowering system via hand pump
- 355° turntable rotation

## POWER SOURCES

- 230 V electric motor (EU), 115 V electric motor (US)
- Petrol/Gas engine Robin-Subaru EX21 (3,7 kW/5 hp) incl. mount and cover
- Start-Stop switch of combustion engine in the basket

## PRODUCTIVITY, SAFETY, QUALITY

- Sturdy base frame with full length forklift pockets
- 230 V (EU), 115 V (US) power outlet in the basket
- High-quality paint in RAL 3020 (red)
- Drive operation without basket available
- 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
- Protective covers for electric housing and ground control panel
- Hour meter
- Fuzzy IV control technology

## OPTIONS

- Hatz Diesel engine (5,4 kW/7,3 hp) instead of petrol/gas engine
- 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)
- Mechanically height- and width-adjustable track chassis

## ACCESSORIES

- Safety harness
- Outrigger/stabiliser pad (450 x 400 x 40 mm/1 ft 5 in x 1 ft 4 in x 1½ in)
- Lockable storage frame for outrigger/stabiliser pads
- 4 outrigger/sliding pads (650 x 220 x 60 mm/2 ft 2 in x 9 in x 2½ in)
- Track mat (2000 x 800 x 15 mm/6 ft 6 in x 3 ft 3 in x ½ in)
- 2 protective track covers, made of high-quality polypropylene fabric
- Lifting device (200 kg/441 lbs load capacity)  
This option can only be ordered in combination with the mounting for the lifting device
- Mounting for lifting device
- 4 covers on piston rod (outrigger/stabiliser) cylinders

## TRAILERS

- Tandem Low Platform trailer (aluminium) including 4 tension belts (length 3,50 m/11 ft 6 in) permissable total weight: 3000 kg/6,614 lbs  
Tandem rubber-sprung axle: 3000 kg/6,614 lbs  
Net weight: approx. 440 kg/882 lbs  
Wheels 155/70/R12 ET20  
Lighting fitting according to EU directives
- Tandem Low Platform trailer (steel) including 4 tension belts (length 5,30 m/17 ft 5 in) Permissable total weight 3000 kg/6,614 lbs  
Tandem rubber-sprung axle: 3000 kg/6,614 lbs  
Net weight: approx. 476 kg/1,049 lbs  
Wheels 185 R14 C8  
Lighting fitting according to EU directives

**Enquiries from Europe, Asia, Middle East & Africa:**

Corporate Headquarters

**Teupen Maschinenbau GmbH**  
Marie-Curie-Str. 13  
48599 Gronau, Germany

phone +49 2562 8161-0  
fax +49 2562 8161-888

mail@teupen.com  
www.teupen.com

**Enquiries from North & South America:**

US Office

**Teupen USA, Inc.**  
10701 Southern Loop Blvd.  
Pineville, NC 28134, USA

phone (704) 248-9871  
fax (704) 248-9889

infousa@teupen.com  
www.teupen.com/us