

# Technical data

# LE23GT

**TEUPEN**<sup>®</sup>  
...access redefined

since '77

## PERFORMANCE

Working height, max.	23,00 m
Platform height, max.	21,00 m
Horizontal outreach, max. (200 kg)	11,20 m
Up and over clearance, max.	11,50 m
Platform capacity, max.	200 kg
Jib, movable	-
Platform, rotatable	180 °
Turntable rotation, max.	360 °
To be jacked up on ground slope of	16,7 ° / 30,0 %
Track drive, height- and width-adjustable	23 / 45 cm
Gradeability, max.	16,7 ° / 30,0 %
Slope angle, max.	15,5 ° / 27,0 %
Travel speed, max.	1,3 km/h

## MEASUREMENTS\*

Platform (height) (A)	1,10 m
Platform (length) (B)	1,40 m
Platform (width) (C)	0,70 m
Length (D)	6,20 m
Length without platform (E)	-
Height (F)	1,97 m
Width, min. (G)	0,98 m
Ground clearance, max. (H)	0,40 m
Track (length x width) (I)	1,45 x 0,20 m
Outrigger footprint both side wide (length) (J)	4,53 m
Outrigger footprint both side wide (width) (K)	4,33 m
Outrigger footprint one side narrow (length) (L)	5,98 m
Outrigger footprint one side narrow (width) (M)	3,42 m
Outrigger footprint both sides narrow (width) (N)	2,58 m
Outrigger plate Ø	0,18 m

## WEIGHT\*

Total weight	2990 kg
Live load in travelling position	4,02 kN/m <sup>2</sup>
Live load in working position	1,78 kN/m <sup>2</sup>
Point load per outrigger plate, max.	22,40 kN

## POWER SOURCES

Standard power sources:

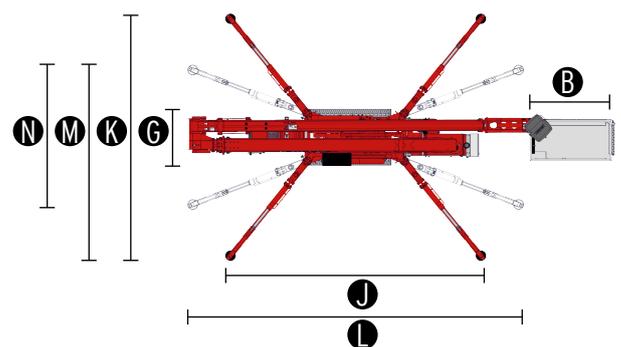
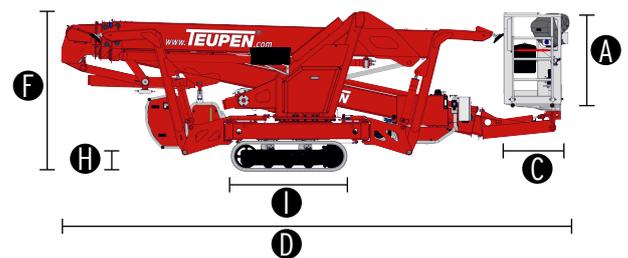
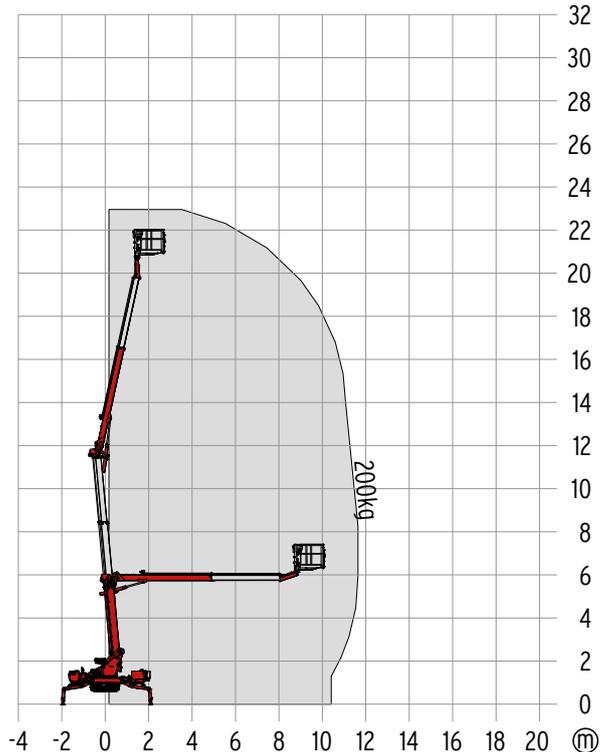
■ Electric motor	(230 V, 12,9 A, 2,2 kW)
■ Combustion engine (Diesel)	Kubota Z602 (10,8 kW / 14,5 hp)

Optional power source:

■ Battery drive (lead acid)	48 V
Fuel tank capacity (Diesel engine)	12,0 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, electro hydraulic control panel
- Indoor non-marking rubber tracks, with less tread depth the profile enables smooth travelling
- 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 or both sides narrow setup option
- Wear resistant, ant-friction outrigger pads

## BOOM SYSTEM

- Telescopic lower and upper boom
- All functions available from the platform
- 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 motor (230 V, 12,9 A, 2,2 kW)
- Diesel engine Kubota Z602 (10,8 kW / 14,5 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)
- Platform including attachment points for safety harnesses
- 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 (white aluminum)
  - Engine unit & component support in RAL 9006 (white aluminum)
- 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\*

- Battery drive 48 V (lead acid) including charging device
- 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)
- Electric emergency lowering
  - This option can not be combined with battery drive
- White, non-marking rubber tracks with specially arranged profile for optimal grip

## ACCESSORIES\*

- Safety harness
- 4 sliding pads (700 x 220 x 60 mm)
- Track mat (2000 x 800 x 15 mm)
- 2 protective track covers made of high-quality polypropylene fabric
- 4 covers, piston rod (outrigger)
- Tree package, including
  - Cover (hydraulic tank)
  - Cover (telescopic cylinder hydraulic connection)
  - 4 covers, piston rod (outrigger)
- 2 LED headlights (combustion engine)
- 2 LED headlights (battery drive)
- TOP level 1

## TRAILER

- Tandem low platform trailer (aluminium)
  - Maximum permissible weight (3,5 t)
  - Net weight (460 kg)
  - Payload (3040 kg)

## CONTACT

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

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