

# Technical data

# LE21GT

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

since '77

## PERFORMANCE

|   |                 |
|---|-----------------|
| Working height, max.                      | 21,00 m         |
| Platform height, max.                     | 19,00 m         |
| Horizontal outreach, max. (250 kg)        | 12,00 m         |
| Up and over clearance, max.               | 9,44 m          |
| Platform capacity, max.                   | 250 kg          |
| Jib, movable                              | -               |
| Platform, rotatable                       | 180 °           |
| Turntable rotation, max.                  | 450 °           |
| To be jacked up on ground slope of        | 19,0 ° / 34,0 % |
| Track drive, height- and width-adjustable | 19 / 46 cm      |
| Gradeability, max.                        | 16,7 ° / 30,0 % |
| Slope angle, max.                         | 19,0 ° / 34,0 % |
| Travel speed, max.                        | 2,0 km/h        |

## MEASUREMENTS\*

|   |               |
|---|---------------|
| Platform (height) (A)                             | 1,10 m        |
| Platform (length) (B)                             | 1,40 m        |
| Platform (width) (C)                              | 0,70 m        |
| Length (D)  | 6,40 m        |
| Length without platform (E)                       | 5,05 m        |
| Height (F)  | 1,99 m        |
| Width, min. (G)                                   | 0,98 m        |
| Ground clearance, max. (H)                        | 0,44 m        |
| Track (length x width) (I)                        | 1,45 x 0,20 m |
| Outrigger footprint both side wide (length) (J)   | 4,70 m        |
| Outrigger footprint both side wide (width) (K)    | 4,70 m        |
| Outrigger footprint one side narrow (length) (L)  | 6,30 m        |
| Outrigger footprint one side narrow (width) (M)   | 3,65 m        |
| Outrigger footprint both sides narrow (width) (N) | 2,65 m        |
| Outrigger plate Ø                                 | 0,18 m        |

## WEIGHT\*

|                                      |                        |
|--------------------------------------|------------------------|
| Total weight                         | 3000 kg                |
| Live load in travelling position     | 4,64 kN/m <sup>2</sup> |
| Live load in working position        | 1,57 kN/m <sup>2</sup> |
| Point load per outrigger plate, max. | 23,70 kN               |

## POWER SOURCES

Standard power sources:

|                              |  |
|------------------------------|--|
| ■ Electric motor             | (country-specific 1-phase)             |
| ■ Combustion engine (petrol) | Vanguard OHV 16HP (11,93 kW / 16,0 hp) |

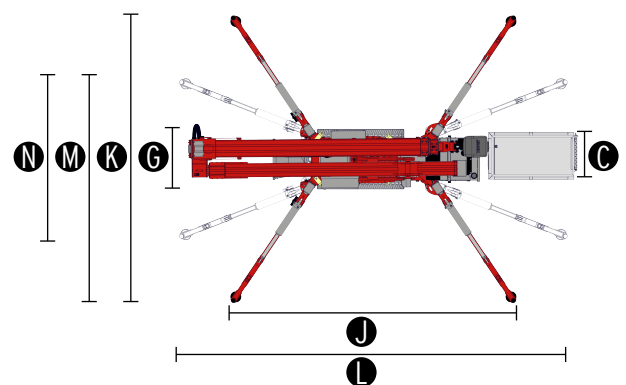
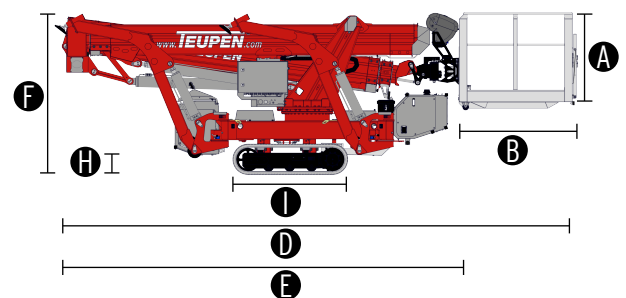
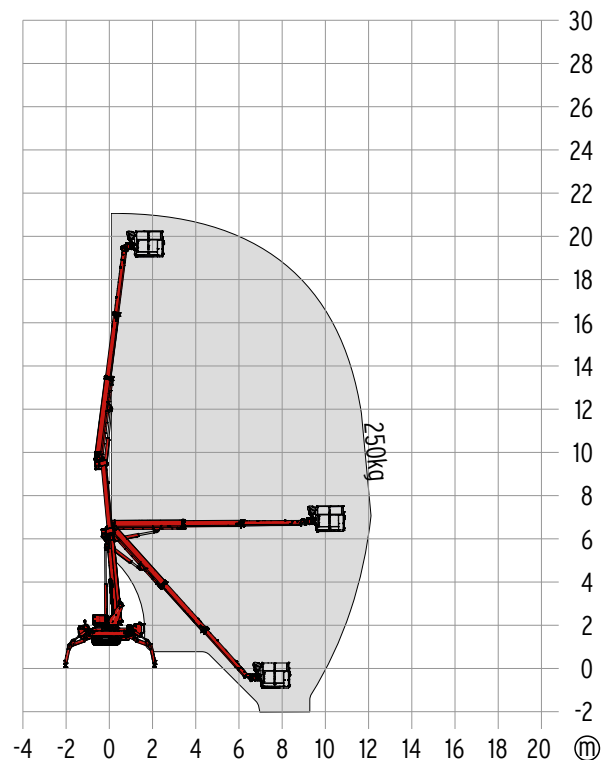
Optional power source:

|                              |                                 |
|------------------------------|---------------------------------|
| ■ Combustion engine (Diesel) | Kubota Z602 (10,8 kW / 14,5 hp) |
| ■ Battery drive (lead acid)  | 48 V                            |

|                                    |        |
|------------------------------------|--------|
| Fuel tank capacity (petrol engine) | 11,5 l |
| Fuel tank capacity (Diesel engine) | 11,5 l |

## POWER SUPPLY

|                        |                              |
|------------------------|------------------------------|
| Electric current, max. | country-specific, on request |
|------------------------|------------------------------|



## STANDARDS

2006/42/EG-Machinery directive  
(Harmonised standard EN280:2013); 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
- Mechanically height- and width-adjustable 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
- Stepless, electrical proportional control system with intuitive operation
- Removable cable remote control
- 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 (country-specific 1-phase)
- Petrol engine Vanguard OHV 16HP (11,93 kW / 16,0 hp)
- Start-stop device for combustion engine in the platform

## PRODUCTIVITY, SAFETY, QUALITY

- Hydraulic emergency lowering via hand pump
- Power socket in the platform (country-specific 1-phase)
- Detachable platform, attachment points for safety harnesses and tool tray
- Drive operation without platform possible
- 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
- Display in the control panel
- Hour meter
- Fuzzy control technology

## OPTIONS\*

- Diesel engine Kubota Z602 (10,8 kW / 14,5 hp)
- 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)
- Hydraulically height- and width-adjustable crawler track drive
- Radio remote control
- White, non-marking rubber tracks with specially arranged profile for optimal grip
- Water and air connection, platform

## ACCESSORIES\*

- Safety harness
- 4 sliding pads (700 x 220 x 60 mm)
- 2 protective track covers made of high-quality polypropylene fabric
- Track mat (2000 x 800 x 15 mm)
- Lifting device (300 kg capacity)
  - Only in combination with platform ladder monitoring system
- 4 covers, piston rod (outrigger)
- Tree package, including
  - Cover (control box, turntable)
  - 4 covers, piston rod (outrigger)
- 2 LED headlights (combustion engine)
- 2 LED headlights (battery drive)
- Platform (900 x 800 mm)
- Coming home function - automatic return of the boom into transport position
- Platform ladder monitoring system with boom function cut-off
- Emergency lowering via electric pump, including additional hydraulic drive (12 V) for boom recovery via platform control
- TOP level 1

## TRAILER OR SUBFRAME

- 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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