Technical data

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. 4,0 km/h

MEASUREMENTS*

Platform (height) (A) 1,10 m
Platform (length) (B) 1,20 m
Platform (width) (C) 0,80 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/m²
Live load in working position 1,57 kN/m²
Point load per outrigger plate, max. 23,70 kN

POWER SOURCES

Standard power sources:
- Electric motor (230 V, 12,9 A, 2,2 kW)
- 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 (AGM) 48 V
- Battery drive (Li-Ion) 48 V
- Fuel tank capacity (petrol engine) 11,5 l
- Fuel tank capacity (Diesel engine) 11,5 l

POWER SUPPLY

Electric current, max. 230 V / 16 A

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.
Equipment

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
- 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)
- 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 (110 V / 16 A)
- 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
- Hour meter
- Fuzzy control technology

OPTIONS*
- Diesel engine Kubota Z602 (10.8 kW / 14.5 hp)
- Battery drive (AGM) 48 V including charging device
- Battery drive (Li-ion) 48 V, 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
- Indoor non-marking rubber tracks, with less tread depth the profile enables smooth travelling

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)
- 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)
- Subframe for truck Mitsubishi Canter (7.5 t)
  - Net weight subframe (450 kg)
- Subframe for truck Mercedes Atego (10.0 t)
  - Net weight subframe (450 kg)
- Subframe for truck Mercedes Atego (12.0 t)
  - Net weight subframe (460 kg)

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

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