Technical data

PERFORMANCE

- Working height, max.: 24,00 m
- Platform height, max.: 22,00 m
- Horizontal outreach, max. (250 kg): 12,00 m
- Up and over clearance, max.: 12,69 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: 3300 kg
- Live load in travelling position: 5,06 kN/m²
- Live load in working position: 1,72 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 emmission directive)
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

SUBFRAME
- 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)

CONTACT
TEUPEN Maschinenbau GmbH
Marie-Curie-Str.13
48599 Gronau
Germany
Phone +49 2562 8161-0
Fax +49 2562 8161-888
E-mail mail@teupen.com

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

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