Specifications*

PERFORMANCE

- Working height, max.: 27.00 m
- Horizontal outreach with 250 kg: 14.40 m
- Horizontal outreach with 80 kg: 17.40 m
- Basket capacity: 250 kg
- Movable jib: 180°
- Basket rotation: 180°
- Turret rotation: 450°
- To be jacked up on ground slope of: 16.7°/30.0 %
- Height and width track adjustment: 22/19 cm
- Gradeability, max.: 16.7°/30.0 %
- Slope angle: 21.0°/38.0 %
- Travel speed: 4.0 km/h

MEASUREMENTS

- Platform height (A): 1.10 m
- Platform length (B): 1.20 m
- Platform width (C): 0.80 m
- Length, overall (D): 7.03 m
- Length without basket (E): 7.03 m
- Height, travel position (F): 1.98 m
- Width, minimal overall width (G): 1.58 m
- Ground clearance, max. (H): 0.43 m
- Track (L x W) (I): 1.92 m x 0.25 m
- Length outrigger footprint standard (J): 5.52 m
- Width outrigger footprint standard (K): 5.56 m
- Length footprint one side narrow (L): 7.51 m
- Width footprint one side narrow (M): 4.27 m
- Width footprint both sides narrow (N): 2.98 m
- Outrigger plate (L x W): 0.31 m x 0.22 m

WEIGHT

- Total weight: 3900 kg
- Live load in travelling position: 3.61 kN/m²
- Live load in working position: 1.37 kN/m²
- Point load per outrigger plate, max.: 29.00 kN*

POWER

- Standard power sources (electric and combustion engine)
  1) Electric: 230 V, 12.9 A, 2.2 kW
  2) Diesel: Kubota D 1305 (18.0 kW/24.47 hp)
- Fuel tank capacity Diesel engine: 48.0 l

STANDARDS COMPLIANCE

2006/42/EC – Machinery directive
(Harmonised standard EN280:2013); 2004/108/EC (EMC);
2000/14/EC (Noise emission directive – outdoor)
**Features**

**CHASSIS**
- Powerful track drive with hydraulic braking system
- Precise maneuvering over sensitive radio remote control
- White, non-marking rubber tracks with specially arranged profile providing optimum grip
- Hydraulically height- and width-adjustable track chassis

**STABILISATION**
- Fully-hydraulic, automatic levelling system with outrigger setup monitoring
- Variable outrigger system with one-side or both-sides narrow setup option

**BOOM SYSTEM**
- Special profiles made of high-strength steel
- All functions are available from one control panel
- Electric-proportional controls with intuitive operator guidance
- Robust, lockable control panel with integrated operation and display function
- Self-levelling platform with electro-hydraulic levelling system
- 180° basket rotation
- Boom rotation via high-performance slew ring, worm gear and hydraulic motor

**POWER**
- 230 V electric motor (EU)
- Kubota D1305 EJB Diesel engine (18,0 kW/24,47 hp)
- Start-Stop switch of combustion engine in the basket

**PRODUCTIVITY, SAFETY, QUALITY**
- Hydraulic emergency lowering via electric pump
- 230 V (EU) power outlet in the basket
- Modular basket with basket changing system, eyelets for safety belts and tool tray
- Cables and hoses are safely routed through the boom structure
- Biodegradable hydraulic oil
- High-quality paint in RAL 3020 (red)
- 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
- Hour meter
- Fuzzy IV control technology

**CONFIGURATION REDLINE**
- Kubota D1305 EJB Diesel engine (18,0 kW/24,47 hp)
- Automatic boom function cut off by a monitoring system of the access stair locking system.
- Coming Home & Memory Function
- Treecare package, consisting of:
  - Protective cover over control box
  - Protective cover over hydraulic and fuel tank
  - Covers on piston rod (outrigger/stabiliser) cylinders
- Hydraulically height- and width-adjustable track chassis
- Outrigger pad (340 x 850 x 75 mm)
- Additional display in the control box

**OPTIONS**
- 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)

**ACCESSORIES**
- Safety harness
- Track mat (2000 x 800 x 15 mm) fits exactly into transport frame
- 2 protective track covers, made of high-quality polypropylene fabric
- Lifting device (300 kg load capacity). This option can only be
  - 2 LED headlights 10-30 V on engine unit
  - Lighting package 1:
    - 2 LED headlights on engine unit
    - 2 LED headlights on the turn table
  - Lighting package 2:
    - 2 flashlights on each outrigger
    - 3 flashlights on the turn table
    - 3 flashlights on the basket
  - Lighting package 3:
    - 2 LED headlights in the basket

**SUBFRAME**
- Subframe for truck Mitsubishi Canter

**CONTACT**
Teupen Maschinenbau GmbH
Marie-Curie-Str. 13
48599 Gronau
Germany
phone +49 (0) 2562 8161-0
fax +49 (0) 2562 8161-888
mail@teupen.com

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