## Specifications

### PERFORMANCE

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working height, max.</td>
<td>21,00 m</td>
</tr>
<tr>
<td>Horizontal outreach with 250 kg</td>
<td>12,00 m</td>
</tr>
<tr>
<td>Up-and-over clearance, max.</td>
<td>9,40 m</td>
</tr>
<tr>
<td>Basket capacity</td>
<td>250 kg</td>
</tr>
<tr>
<td>Movable jib</td>
<td>-</td>
</tr>
<tr>
<td>Basket rotation</td>
<td>180°</td>
</tr>
<tr>
<td>Turret rotation</td>
<td>450°</td>
</tr>
<tr>
<td>To be jacked up on ground slope of</td>
<td></td>
</tr>
<tr>
<td>Height and width track adjustment</td>
<td>19/46 cm</td>
</tr>
<tr>
<td>Gradeability, max.</td>
<td>16,7°/30,0 %</td>
</tr>
<tr>
<td>Slope angle</td>
<td>19,0°/34,0 %</td>
</tr>
<tr>
<td>Travel speed</td>
<td>4,0 km/h</td>
</tr>
</tbody>
</table>

### MEASUREMENTS

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform height (A)</td>
<td>1,10 m</td>
</tr>
<tr>
<td>Platform length (B)</td>
<td>1,20 m</td>
</tr>
<tr>
<td>Platform width (C)</td>
<td>0,80 m</td>
</tr>
<tr>
<td>Length, overall (D)</td>
<td>6,40 m</td>
</tr>
<tr>
<td>Length without basket (E)</td>
<td>5,00 m</td>
</tr>
<tr>
<td>Height, travel position (F)</td>
<td>1,99 m</td>
</tr>
<tr>
<td>Width, minimal overall width (G)</td>
<td>0,98 m</td>
</tr>
<tr>
<td>Ground clearance, max.</td>
<td>0,44 m</td>
</tr>
<tr>
<td>Track (L x W) (I)</td>
<td>1,45 m x 0,20 m</td>
</tr>
<tr>
<td>Length outrigger footprint standard (J)</td>
<td>4,70 m</td>
</tr>
<tr>
<td>Width outrigger footprint standard (K)</td>
<td>4,70 m</td>
</tr>
<tr>
<td>Length footprint one side narrow (L)</td>
<td>6,30 m</td>
</tr>
<tr>
<td>Width footprint one side narrow (M)</td>
<td>3,60 m</td>
</tr>
<tr>
<td>Width footprint both sides narrow (N)</td>
<td>2,50 m</td>
</tr>
<tr>
<td>Outrigger plate Ø</td>
<td>0,18 m</td>
</tr>
</tbody>
</table>

### WEIGHT

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total weight</td>
<td>3000 kg</td>
</tr>
<tr>
<td>Live load in travelling position</td>
<td>4,64 kN/m²</td>
</tr>
<tr>
<td>Live load in working position</td>
<td>1,57 kN/m²</td>
</tr>
<tr>
<td>Point load per outrigger plate, max.</td>
<td>23,70 kN</td>
</tr>
</tbody>
</table>

### POWER

Standard power sources (electric and combustion engine)

1) Electric: 230 V, 12,9 A, 2,2 kW
2) Petrol: Vanguard OHV 16 HP (11,93 kW/14,5 hp)

Optional power sources

1) Diesel: Kubota Z 602 (10,8 kW/14,5 hp)
2) Li-Ion Battery: 48 V

Fuel tank capacity petrol engine                  | 11,5 l        |

Fuel tank capacity Diesel engine                  | 11,5 l        |

### STANDARDS COMPLIANCE

2006/42/EC – Machinery directive
(Harmonised standard EN80:2013); 2004/108/EC (EMC);
000/14/EC (Noise emission directive – outdoor)
Features

CHASSIS
- Powerful track drive with hydraulic braking system
- Precise maneuvering over sensitive electrohydraulic cable remote control
- Indoor non marking rubber track, with less tread depth the profile enables smooth travelling.
- Mechanically 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
- Wear resistant, anti-friction PVC outrigger feet

BOOM SYSTEM
- Telescoping upper- and lower booms, 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-leveling platform with electro-hydraulic levelling system
- Corner-mounted, 180° turnable basket for extra flexibility
- Boom rotation via high-performance slew ring, worm gear and hydraulic motor

POWER
- 230 V electric motor (EU)
- Vanguard OHP 16 HP petrol engine (11,93 kW/16 hp)
- Start-Stop switch of combustion engine in the basket

PRODUCTIVITY, SAFETY, QUALITY
- 230 V (EU) power outlet in the basket
- Modular basket with eyelets for safety belts and tool tray
- High-quality paint in RAL 3020 (red)
- Hydraulic emergency lowering via hand pump
- Cables and hoses are safely routed through the boom structure
- Biodegradable hydraulic oil
- 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
- Complete second control box on the chassis and error analysis with display
- Fuzzy IV control technology

OPTIONS
- Kubota Z602 Diesel engine (10,8 kW/14,5 hp) instead of petrol engine
- Li-ion battery drive 48 V instead of petrol engine
- 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)
- Hydraulically height- and width-adjustable track chassis instead of the mechanically height- and width-adjustable track chassis
- Radio remote control
- White, non-marking rubber tracks with specially arranged profile providing optimum grip

ACCESSORIES
- Safety harness
- Outrigger pad (450 x 400 x 40 mm)
- Lockable storage frame for outrigger pads
- 4 outrigger/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
- Lifting device (300 kg load capacity)
  This option can only be ordered in combination with the automatic boom function cut off.
- 4 covers on piston rod (outrigger/stabiliser) cylinders (additional weight: 10 kg)
- 2 LED headlights 10-30 V on engine unit
- Tree care package, consisting of:
  - Protective cover over control box
  - Covers on piston rod (outrigger/stabiliser) cylinders
- Coming Home Function
- Automatic boom function cut off by a monitoring system of the access stair locking system.
- Electric emergency lowering (additional weight: 16 kg)

TRAILER OR SUBFRAME
- Tandem Low Platform trailer (aluminium)
- Subframe for truck Mitsubishi Canter (Total weight 450 kg)

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