Technical Data

1.1 Configuration of the Integrated Equipment

<table>
<thead>
<tr>
<th>(1) Engine</th>
<th>Manufacturer: DEUTZ AG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type: F4L912W 42kw /2300rpm(can be equipped with turbocharger)</td>
<td></td>
</tr>
<tr>
<td>Design: Air cooled diesel engine two-stage combustion</td>
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</tr>
<tr>
<td>Air intake system: Dry filter</td>
<td></td>
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<tr>
<td>Exhaust system: Purifier/Silencer</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>(2) Hydraulic motor</th>
<th>Type: MV23</th>
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</thead>
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<table>
<thead>
<tr>
<th>(3) Hydraulic pump</th>
<th>Type: PV22</th>
</tr>
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<table>
<thead>
<tr>
<th>(4) Axles</th>
<th>Type: China Fenyi PC15A;</th>
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<table>
<thead>
<tr>
<th>(5) Design of brake system</th>
<th>Working brake: Between pump and motor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Parking brake: Inside drop box</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(6) Hydraulic system</th>
<th>Dump/hoist hydraulic system</th>
<th>Number of hoist cylinders: 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number of dump cylinders: 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Number of steering cylinders: 2 (articulated, hydraulic, bidirectional)</td>
<td></td>
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<tr>
<td></td>
<td>Charging valve: USA Mico</td>
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<tr>
<td></td>
<td>Working valve: China Changjiang</td>
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</tbody>
</table>

| (7) Wheels and tires | Tires: 10.00--20 |
1.2 Performance of the Integrated Equipment

(1) Main dimensions

- Length: 5990±100 mm
- Width: 1400±50 mm
- Height (above driver’s canopy): 2000±50 mm
- Bucket capacity (SAE, heaped): 1.0 M³
- Max hoist height: 3205±50 mm
- Max unloading height: 927±50 mm
- Inner clearance circle: 2100±150 mm
- Outer clearance circle: 3900±250 mm
- Ground clearance: ≥170mm
- Wheel base: 1880mm
- Steering angle: 38°
- Gradient: ≥25%
- Oscillation: ±6°
- Max. Traction force: 50KN
- Max. Shovel force: 45KN

(2) Weights

- Operating weight: 7200 kg
- Payload: 2000 kg

(3) Driving capacities

(4) Electrical equipment

- Operating voltage: 24 V

(5) Filling volumes

- Fuel tank: 40L
- Hydraulic tank: 120L
FAML - Technical specifications

Remarks:
Fambition will keep right to improve the specifications without advanced notification.