MINI EXCAVATOR

**Features**
- Short-tail version
- Telescopic undercarriage (680-840 mm)
- Simple folding extendable blade for dozer applications
- ROPS protection bar w/ 2 vertical support members, foldable rearwards, allowing the machine to travel under low overhead heights
- Boom adjustable by 45° to the left, 85° to the right, enables excavation directly in front of walls
- Wide range of proven work attachments

**Specifications**
- Operating weight: 1035 kg
- Engine power: 7.7 kW (10.5 hp)
- Bucket capacity: 10 - 80 l
- Dig depth: 1.50 m
- Reach: 2.73 m
**SPECIFICATIONS**

**ENGINE**
- Manufacturer, model: Yanmar, 2TE67L-BV3
- Type: 3-cylinder diesel engine, fully compliant with Stage II emissions regulations of the US Environmental Protection Agency (EPA).
- Power rating: 2.7 kW (3.6 hp)
- Cooling system: Water-cooled

**ELECTRICAL SYSTEM**
- Operating voltage: 12 V

**TRANSMISSION**
- Hydrostatic travel drive, fully enclosed.
- Travel speed, forward and reverse: 0 - 1.8 km/h
- Gradability: 30 deg. max

**UNDERCARRIAGE**
- Maintenance-free crawler-type undercarriage. Hydraulically retractable/extendable undercarriage provided as standard.
- Width (outside edge of crawler chains): 680 - 840 mm
- Width (outside rubber tracks): 180 mm
- Total length (undercarriage): 1220 mm

**DOZER BLADE**
- Independent of drive train, sensitive control via separate hand lever. Cylinder protection as standard.
- Retractable/extendable.
- Dozer cut below ground: 210 mm
- Dozer lift above ground: 180 mm

**STEERING**
- Independent, individual control of crawler chains, also countersteer. Sensitive control via hand levers.
- Pedal control steering as front rest.

**SWING SYSTEM**
- Hydraulic drive, also able as non-resilient brake. Internally toothed ring gear.
- Swing speed: 0.8 rpm

**KINNKMATIK®**
- Separate pedals for the 3rd circuit (PTD) and power steering. Simultaneous independent control of all movements.
- Control circuit for work attachments (single or dual-action):
  - Pump capacity: 2 x 9.8 l/min
  - Working pressure: 185 bar
  - Working hydraulic: Dual fixed displacement pump for swinging and travel drive. Simultaneous independent control of all movements.
- Work attachment: Rubber crawlers. Bucket 330 mm wide (16.5 kg).
- Working floodlight mounted on the boom.
- Dipperstick: 670 mm
- Undercarriage retracted
- Width reduced to 730 (undercarriage retracted)

**FLUID CAPACITIES**
- Fuel tank: 10 l
- Hydraulic system: 10.7 l
- Cooling system: 3.0 l

**OPERATING DATA, STANDARD EQUIPMENT**
- Transport weight (with 2 support members, foldable): 1825 kg
- Tipping load, rating over side: 90°: 1620 kg
- Total length (undercarriage): 1220 mm
- Undercarriage frontswing: 980 mm
- Undercarriage tailswing: 1550 mm
- Total width: 1805 mm
- Total height (travel position): 1860 mm
- Total length (trailer transport position): 2030 mm
- Operating weight (with 2 support members, foldable): 1035 kg

**HYDRAULIC SYSTEM**
- Pump capacity: 19.5 ± 17.5 l/min
- Control circuit for work attachments (single or dual-action):
  - Working hydraulics: Dual fixed displacement pump for swinging and travel drive. Simultaneous independent control of all movements.
  - Working pressure: 185 bar
  - Working floodlight mounted on the boom.
  - Dipperstick: 670 mm

**LIFTING CAPACITIES**
- Bucket hinge weight: 2.0 m
  - Min: 337 kg
  - Max: 424 kg

**WORKING RANGES & DIMENSIONS: MONOBLOC BOOM**

**OPERATOR’S STAND**
- Operator's seat with artificial leather covering, seat belt.
- Instrument panel in front of the operator's seat, safety bar. Safety lever to lock the main functions of the machine.
- Separate pedals for the 3rd circuit (PTD) and power steering. Simultaneous independent control of all movements.
- Control circuit for work attachments (single or dual-action):
  - Pump capacity: 2 x 9.8 l/min
  - Working pressure: 185 bar
  - Working hydraulic: Dual fixed displacement pump for swinging and travel drive. Simultaneous independent control of all movements.
- Work attachment: Rubber crawlers. Bucket 330 mm wide (16.5 kg).
## Work Attachments

### Buckets

<table>
<thead>
<tr>
<th>Bucket Type</th>
<th>Width</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bucket, QAS</td>
<td>200 mm wide</td>
<td>10 l</td>
</tr>
<tr>
<td>Tieflöffel, Direktanbau</td>
<td>200 mm wide</td>
<td>10 l</td>
</tr>
<tr>
<td>Bucket, QAS</td>
<td>250 mm wide</td>
<td>15 l</td>
</tr>
<tr>
<td>Tieflöffel, Direktanbau</td>
<td>250 mm wide</td>
<td>15 l</td>
</tr>
<tr>
<td>Bucket, QAS</td>
<td>300 mm wide</td>
<td>18 l</td>
</tr>
<tr>
<td>Tieflöffel, Direktanbau</td>
<td>300 mm wide</td>
<td>18 l</td>
</tr>
<tr>
<td>Bucket, QAS</td>
<td>350 mm wide</td>
<td>21 l</td>
</tr>
<tr>
<td>Tieflöffel, Direktanbau</td>
<td>350 mm wide</td>
<td>21 l</td>
</tr>
<tr>
<td>Bucket, QAS</td>
<td>400 mm wide</td>
<td>25 l</td>
</tr>
<tr>
<td>Tieflöffel, Direktanbau</td>
<td>400 mm wide</td>
<td>25 l</td>
</tr>
<tr>
<td>Bucket, QAS</td>
<td>500 mm wide</td>
<td>32 l</td>
</tr>
<tr>
<td>Tieflöffel, Direktanbau</td>
<td>500 mm wide</td>
<td>32 l</td>
</tr>
<tr>
<td>Ditch-cleaning bucket, QAS</td>
<td>700 mm wide</td>
<td>25 l</td>
</tr>
<tr>
<td>Grabenräumlöffel, Direktanbau</td>
<td>700 mm wide</td>
<td>25 l</td>
</tr>
<tr>
<td>Ditch-cleaning bucket, QAS</td>
<td>800 mm wide</td>
<td>30 l</td>
</tr>
<tr>
<td>Swing bucket, QAS</td>
<td>1000 mm wide</td>
<td>70 l</td>
</tr>
<tr>
<td>Trapezoidal bucket</td>
<td>200 mm wide</td>
<td>89 l</td>
</tr>
</tbody>
</table>

### Other Work Attachments

- Hydraulic hammer
- Further work attachments available on request

### Optional Equipment

#### Operator’s Stand

- Trackunit ME401 with GPS anti-theft device, With Dallas key (without subscription)

#### Hydraulic System

- Push Pull - Flat face - Hydr. connectors, specially for breaker fitting (to order only with hammer)
- Add. control circuit

### Other Optional Equipment

- Mechanical quick-attach system (QAS)
- Special paint
- Further optional equipment available on request

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Yanmar Compact Germany GmbH
Kraftwerkstrasse 4
74564 Crailsheim, Deutschland

www.schaeff-yanmar.com