Engine
Yanmar 3TNV88F-ESLY Tier 4 Final

Gross Power
24.4 hp (18.2 kW)

Operating Weight with Canopy
8,510 lb (3,860 kg)

Bucket Capacity
0.14 yd³ (0.11 m³)

Maximum Digging Depth
10 ft 1 in (3,085 mm)
### ENGINE
- **Emissions rating**: EPA Tier 4 Final / Stage IV
- **Make**: Yanmar
- **Model**: 3TNV88F-ESLY
- **Gross power**: 24.4 hp (18.2 kW) @ 2,200 rpm
- **Peak torque**: 69.5 lb-ft (94.2 N-m) @ 1,320 rpm
- **Cylinders**: 3
- **Displacement**: 100 in³ (1.64 L)

### DRIVE AND BRAKES
- **Max. travel speed**:
  - High: 2.8 mph (4.6 km/h)
  - Low: 1.7 mph (2.7 km/h)
- **Max. drawbar pull**: 7,419 lbf (33 kN)

### UNDERCARRIAGE
- **Rubber track assembly**: 12 in (300 mm)
- **Bottom rollers, each side**: 4
- **Top rollers, each side**: 1

### HYDRAULIC SYSTEM
- **Main pump maximum flow**: 24.4 gal/min (92.4 L/min)
- **Relief pressure, main**: 3,553 psi (24.5 MPa)

### SWING SYSTEM
- **Swing speed**: 10 rpm

### REFERENCE ARM
- **Arm length**: 4 ft 4 in (1.32 m)
- **Arm breakout force, max, ISO**: 4,496 lbf (20 kN)

### WORKING RANGES
- **Max. digging depth**: 10 ft 1 in (3,085 mm)
- **Max. digging reach at ground level**: 17 ft 3 in (5,270 mm)
- **Max. digging depth 2.4 m (8 ft) level bottom**: 8 ft 7 in (2,610 mm)
- **Max. digging height**: 15 ft 5 in (4,710 mm)
- **Max. dumping height**: 10 ft 10 in (3,310 mm)
- **Max. vertical wall digging depth**: 8 ft 3 in (2,503 mm)

### BUCKET PERFORMANCE
- **Bucket capacity**: 0.14 yd³ (0.11 m³)
- **Bucket breakout force, max, ISO**: 6,744 lbf (30 kN)

### SERVICE CAPACITIES
- **Fuel tank**: 10.6 gal (40 L)
- **Engine oil**: 1.77 gal (6.7 L)
- **Final drive (each)**: 0.13 gal (0.5 L)
- **Cooling system**: 1.85 gal (7.0 L)
- **Hydraulic reservoir**: 11.1 gal (42.0 L)
- **Hydraulic system total**: 18.5 gal (70.0 L)

### 9035E, WITH 300 MM (12 IN) SHOES, 1.32 M (4 FT 4 IN) ARM

**Conditions:**
- **Boom length**: 2.45 m (8 ft 0 in)
- **Arm length**: 1.32 m (4 ft 4 in)
- **Counterweight**: 600 kg (1,323 lb)
- **Shoes**: 300 mm (12 in)
- **Bucket**: SAE 0.11 m³ (0.14 yd³), 101 kg (223 lb)

#### BLADE DOWN

<table>
<thead>
<tr>
<th>A: Reach from swing center</th>
<th>B: Bucket hook height</th>
<th>C: Lifting capacity</th>
<th>Cf: Rating over front</th>
<th>Cs: Rating over side</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 m (6 ft 7 in)</td>
<td>3 m (9 ft 10 in)</td>
<td>4 m (13 ft 1)</td>
<td>MAX REACH</td>
<td></td>
</tr>
<tr>
<td><strong>B: Height (ft)</strong></td>
<td><strong>2 m</strong></td>
<td><strong>3 m</strong></td>
<td><strong>4 m</strong></td>
<td><strong>Front</strong></td>
</tr>
<tr>
<td>9 ft 10 in</td>
<td>lb</td>
<td>Cf</td>
<td>Cs</td>
<td>Cf</td>
</tr>
<tr>
<td>6 ft 7 in</td>
<td>lb</td>
<td><em>11,226</em></td>
<td>6,623</td>
<td><em>5,093</em></td>
</tr>
<tr>
<td>3 ft 3 in</td>
<td>lb</td>
<td><em>14,103</em></td>
<td>6,157</td>
<td><em>6,526</em></td>
</tr>
<tr>
<td>0 ft</td>
<td>lb</td>
<td><em>13,049</em></td>
<td>6,153</td>
<td><em>6,682</em></td>
</tr>
<tr>
<td>-3 ft 3 in</td>
<td>lb</td>
<td><em>13,049</em></td>
<td>6,153</td>
<td><em>6,682</em></td>
</tr>
</tbody>
</table>

1. * Indicates the load is limited by hydraulic capacity rather than the tipping capacity.
2. The above loads are in compliance with the ISO 10567 hydraulic rating standard. They do not exceed 87% of the hydraulic lifting capacity of 75% tipping load.
3. Rating at bucket lift hook.

#### BLADE UP

<table>
<thead>
<tr>
<th>A: Reach: m (ft)</th>
<th><strong>B: Height (ft)</strong></th>
<th><strong>2 m</strong></th>
<th><strong>3 m</strong></th>
<th><strong>4 m</strong></th>
<th><strong>MAX REACH</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>9 ft 10 in</td>
<td>lb</td>
<td><em>2,462</em></td>
<td>2,394</td>
<td><em>2,584</em></td>
<td>2,011</td>
</tr>
<tr>
<td>6 ft 7 in</td>
<td>lb</td>
<td><em>2,866</em></td>
<td>2,328</td>
<td><em>2,756</em></td>
<td>1,656</td>
</tr>
<tr>
<td>3 ft 3 in</td>
<td>lb</td>
<td>9,165</td>
<td>6,623</td>
<td>4,685</td>
<td>3,518</td>
</tr>
<tr>
<td>0 ft</td>
<td>lb</td>
<td>8,646</td>
<td>6,157</td>
<td>4,431</td>
<td>3,280</td>
</tr>
<tr>
<td>-3 ft 3 in</td>
<td>lb</td>
<td>8,635</td>
<td>6,153</td>
<td>4,350</td>
<td>3,201</td>
</tr>
</tbody>
</table>

### DIMENSIONS

<table>
<thead>
<tr>
<th>A</th>
<th>15 ft 9 in (4,810 mm)</th>
<th>G</th>
<th>5 ft 3 in (1,600 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>8 ft 2 in (2,500 mm)</td>
<td>H</td>
<td>2 ft 9 in (850 mm)</td>
</tr>
<tr>
<td>C</td>
<td>4 ft 7 in (1,400 mm)</td>
<td>I</td>
<td>1 ft 11 in (580 mm)</td>
</tr>
<tr>
<td>D</td>
<td>5 ft 7 in (1,700 mm)</td>
<td>J</td>
<td>8 ft 2 in (2,500 mm)</td>
</tr>
<tr>
<td>E</td>
<td>5 ft 6 in (1,675 mm)</td>
<td>K</td>
<td>10 in (258 mm)</td>
</tr>
<tr>
<td>F</td>
<td>6 ft 11 in (2,100 mm)</td>
<td>L</td>
<td>12 in (300 mm)</td>
</tr>
</tbody>
</table>

1. Specifications and designs are subject to change without notice. Machines shown may include optional equipment.