The Front-line Device

Future-Power New VX Series

IHI
COMPACT EXCAVATOR SALES LLC
400 Production Court
Elizabethtown, KY 42701
Phone: 800.538.1447  Fax 270.737.0419
www.ihices.com

80VX³

Operability

- Newly designed operator’s space

The new redesigned operators station includes such features as a newly designed monitor, a 2 speed travel switch located on the backfill blade lever, and the auxiliary hydraulic switch located on the joystick.

Durability

- Engine throttle turn-dial

- Highly durable backfill blade made even stronger

- Embedded boom center working lights

- Bucket cylinder hose built inside the arm

Safety

- Gate lock system as standard equipment is designed to disable all operations

- Swing motor with auto parking brake

The swing motor with an auto parking brake allows the unit to be locked at any position within a 360° circumference.

- Neutral engine start system

The engine will only start when the gate-lock is pulled up to avoid mis-operations.

- Filters are conveniently located, making it easy to replace them

- Sintered bushes create longer interval for greasing

Easy Maintenance

- Wide, fully opening engine-cover enables ease of maintenance
Midi Excavator
Standard Bucket Capacity : ISO 8.8 ft³

■ Dimensions

■ Working Range

■ 80VX3 Specifications

<table>
<thead>
<tr>
<th>Performance</th>
<th>Bucket capacity</th>
<th>8.8 ft³</th>
<th>Boom swing system</th>
<th>Boom offset with hydraulic cylinder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bucket capacity</td>
<td></td>
<td>8.8 ft³</td>
<td>Type</td>
<td>Boom offset with hydraulic cylinder</td>
</tr>
<tr>
<td>Bucket width</td>
<td>30&quot;</td>
<td></td>
<td>Swing angle (L/R)</td>
<td>50°/90°</td>
</tr>
<tr>
<td>Operating weight: Cabin</td>
<td>18,100 lbs.</td>
<td></td>
<td>Pressure</td>
<td>3,550 psi</td>
</tr>
<tr>
<td>Transportation weight: Cabin</td>
<td>17,835 lbs.</td>
<td></td>
<td>Type</td>
<td>2 Piston/2Gear</td>
</tr>
<tr>
<td>Swing speed</td>
<td>9.2 min⁻¹</td>
<td></td>
<td>Pump hydraulic flow</td>
<td>18.9 gal/min x 2 + 14.0 gal/min</td>
</tr>
<tr>
<td>Travel speed (low/high)</td>
<td>1.6/2.7 mph</td>
<td></td>
<td>Dozer blade</td>
<td></td>
</tr>
<tr>
<td>Gradeability</td>
<td>30°</td>
<td></td>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Ground pressure</td>
<td>5.2 psi</td>
<td></td>
<td>Lift above ground</td>
<td></td>
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<tr>
<td>Max bucket digging force</td>
<td>14,730 lbs.</td>
<td></td>
<td>Drop below ground</td>
<td></td>
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</tbody>
</table>

■ Options

Bucket
- 12"
- 18"
- 24"
- 30" (standard)
- 36"
- 60" Ditch cleaning bucket
- 60" Hydraulic swivel bucket
- 1st auxiliary piping
- 2nd auxiliary piping
- 3rd auxiliary piping
- Additional counterweight (882 lbs.)
- Steel track (17.7")
- Hydraulic thumb
- Quick coupler
- Air conditioner

- Automatic decelerator
- Rubber pad for steel track
- (optional)

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