XL 4340 V
ALUMINUM MILL MAINTENANCE

SPECIFICATIONS

Engine
- Volvo TAD571 VE, Tier 4f, 4 cycle, inline 4 cylinder, liquid cooled, electronic controlled
- Vertical canister style lube and main fuel filters and fuel/water separation with manual feed pump attached to engine
- Water in fuel indicator and alarm
Gross Rating: 173 hp @ 2200 rpm (129kW), 590 ft lb torque @ 1100-1500 rpm (800Nm)
Net Rating: 153 hp @ 2200 rpm (114kW)

Operating Pressures:
- Hoist: 4,900 psi (331 BAR)
- Swing: 4,200 psi (290 BAR)
- Telescope: 4,900 psi (331 BAR)
- Propel: 4,900 psi (331 BAR)
- Pilot System: 550 psi (38 BAR)
- Braking & Steering: 2,400 psi (165 BAR)
- Blade & Stabilizers: 4,000 psi (207 BAR)

Fuel tank capacity: 82 gal (310 L)

Operating Pressures:
- Hoist: 4,900 psi (331 BAR)
- Swing: 4,200 psi (290 BAR)
- Telescope: 4,900 psi (331 BAR)
- Propel: 4,900 psi (331 BAR)
- Pilot System: 550 psi (38 BAR)
- Braking & Steering: 2,400 psi (165 BAR)
- Blade & Stabilizers: 4,000 psi (207 BAR)

Operator Cab
- All-weather cab with tinted safety glass windows
- Acoustical lining
- Four-way adjustable operator’s seat
- AM/FM radio
- Filtered fresh air heater, defroster and A/C
- Mirror on left side
- Operator’s seat belt
- Work lights
- Swing lights

Controls
- Two electronic joysticks
- Joysticks mounted on arm pods, independently adjustable for individual operator comfort and convenience
- Self-centering joysticks and pedals; when controls are released, power for movement disengages and swing brake set automatically

Hydraulic System

Pumps
- One load-sensing, axial piston pump; oil flow 0-110 gpm (0-416 L/min)
- Tandem gear pump (steering, brake/pilot) 10 gpm (38 L/min), 6 gpm (23 L/min)

System Monitor
- Electronic Monitor in Cab
  - Low hydraulic fluid level
  - High hydraulic fluid temperature
  - System working pressure
  - System pilot pressure

Three Hydraulic Motors
- Swing: 64 hp (48 kW)
- Hydraulic winch: 122 hp (91 kW)
- Propel: 113 hp (84 kW)

Boom
- Three piece square telescoping boom
- Adjustable boom rollers with eccentric shafts
- Adjustable height and leveling
- No hydraulic circuits in boom

Undercarriage
- Full-time 4-wheel drive transfer case delivers power from the hydraulic drive motor to the drive axles
- Both axles equipped with internal wet-disc type service brakes
- Steering axle fitted with oscillation lock cylinders
- Optional stabilizer and blade

Tires: 10.00 x 20 Super-Lug (optional foam filled or solid)

Axles: ZF Model 3070 (FTF 2090)

Transmission: ZF Model HL 290

Drive Motor: Rexroth A6 Series, 160cc/Rev
**Undercarriage Drive**
- Variable displacement high torque piston motor powers two-speed power shift transmission
- Speed mode selection can also be done while moving
- Electronically operated travel alarm signals excavator movement

**Travel speed on flat, level surface—mph km/hr:**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Creeper Mode</th>
<th>Standard Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Gear</td>
<td>1.4 mph (2.2 km/h)</td>
<td>4.6 mph (7.4 km/h)</td>
</tr>
<tr>
<td>Second Gear</td>
<td>5.5 mph (8.9 km/h)</td>
<td>17.5 mph (28.2 km/h)</td>
</tr>
</tbody>
</table>

**Swing**
- Priority swing circuit with axial piston motor
- Planetary transmission

**Swing Brake**
- Automatic spring-set/hydraulic release wet-disc parking brake
- Dynamic braking provided by the hydraulic system

**Function Forces**
**Rated Boom Force:**
11,000 lbs (48.9 kN)

**Weight**
- 68,220 lbs (30,944 kg)
- Outriggers: 2,720 lbs (1,234 kg)
- Blade: 1,529 lbs (694 kg)

---

GRADALL XL4340V
SHOWN WITH OPTIONAL FRONT BLADE 80795016
AND OPTIONAL TOOL ADAPTER 80729023

---

406 Mill Ave. SW, New Philadelphia, Ohio 44663
Phone: 800-445-4752    Fax: 330-339-8468
www.Gradall.com

It is Gradall Policy to continually improve its products. Therefore designs, materials and specifications are subject to change without notice and without incurring any liability on units already sold. Units shown may have optional equipment.