MORE PROFITABLE
MORE VERSATILE
for a wider variety of lifting & handling jobs!

THE PREFERENCE FOR GROVE CRANES among profit-minded users reflects the users need for the versatility and advanced design engineering offered in all Grove Hydraulic Cranes. They add up to profit-making performance... a measurable value that tells him he is getting his money's worth on his Grove Crane investment. That's why the smart crane buyers have made Grove their NUMBER ONE CHOICE.

A FULL LINE OF HYDRAULIC CRANES... In addition to a full line of rough terrain cranes, Grove also offers a complete line of container-mounted cranes including a 80-ton model with a boom tip height of 180'. Ask your Grove Distributor for details.

Grove RT58 self-propelled hydraulic cranes are equally at home on rough terrain construction jobs, in-plant rigging jobs, or on industrial material handling jobs. The low profile and compact design, high angle of boom elevation telescoping and swing action, plus 4-wheel drive and steer maneuverability provides safe, efficient crane operation in areas which would restrict the use of mechanical cranes.

GROVE FULL HYDRAULIC
SELF-PROPELLED CRANE

MAXIMUM COUNTERWEIGHT EFFECTIVENESS

The fixed counterweight, an original Grove design concept now copied by many, not only improves the efficiency of the crane but also permits a full sized, comfortable operator's cab.

GROVE RT58
14-Ton Capacity

FEATURES
- 28,000 lbs. Capacity
- 24-60 ft. Power Telescoping Boom
- Power Shift Transmission—6 speeds forward & reverse
- Hi-Lo range selection automatically shifts 4-Wheel drive—2-Wheel drive
- 4-Wheel Hydraulic Power Assists Steering & Brakes
- 75' Maximum elevation
- 360° Continuous rotation
- Automatic Hydraulic Rear Axle Oscillation Lockouts
- Hydraulic pump disconnect

Meets requirements of P.C.S.A. Standard No. 2

GROVE HYDRAULIC CRANES
GROVE MANUFACTURING COMPANY
A Division of Walter Kelley & Company, Inc.
Shady Grove, Pa. 17256

Form No. 4891270-10M
Printed in U.S.A.
**SPECIFICATIONS**

**BOOMS** - 17 ft. - 29 ft. 2 Section, Full Power Telescoping Boom
*18 ft. - 42 ft. 3 Section, Full Power Telescoping Boom
*21 ft. - 51 ft. 3 Section, Full Power Telescoping Boom
*24 ft. - 60 ft. 3 Section, Full Power Telescoping Boom

**BOOM NOSE** - Fixed Boom Nose, 2 Sheaves.

*JIBS* - 14 ft. "Stowaway" Type for 18 ft. - 42 ft. Boom
17 ft. "Stowaway" Type for 21 ft. - 51 ft. Boom
20 ft. "Stowaway" Type for 24 ft. - 60 ft. Boom

**BOOM ELEVATION** - Twin Double-acting Hydraulic Cylinders with Safety Holding Valves, 0° - 75° Elevation.


**HYDRAULIC POWER DISTRIBUTION** - [Main Hoist - outriggers] [Swing - Telescope Mid and Fly - Rear Steer] [Boom Elevation - Auxiliary Hoist - Accessory] [Front Steer]

**CONTROLS** - Four-Way Double-acting Hydraulic Valves with Integral Load Check, Main and Circuit By-pass Relief Valves, Operating Pressure 2250 PSI (Max.)

**HYDRAULIC RESERVOIR** - 90 gallons, System Capacity 136 gallons.

**DIMENSIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 - 29 BOOM</td>
<td>23 ft. - 3 in.</td>
<td>90 in.</td>
</tr>
<tr>
<td>20 - 42 BOOM</td>
<td>25 ft. - 3 in.</td>
<td>96 in.</td>
</tr>
<tr>
<td>23 - 51 BOOM</td>
<td>28 ft. - 3 in.</td>
<td>96 in.</td>
</tr>
<tr>
<td>25 - 40 BOOM</td>
<td>31 ft. - 3 in.</td>
<td>96 in.</td>
</tr>
</tbody>
</table>

**SPEED & GRADEABILITY**

<table>
<thead>
<tr>
<th>Transmission</th>
<th>Road Speed (RPM)</th>
<th>Drawbar Pull (lbs.)</th>
<th>Gradeability (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low 1st</td>
<td>2.3</td>
<td>33,500</td>
<td>78</td>
</tr>
<tr>
<td>Low 2nd</td>
<td>4.4</td>
<td>16,150</td>
<td>40.5</td>
</tr>
<tr>
<td>Low 3rd</td>
<td>12.1</td>
<td>5,438</td>
<td>14.3</td>
</tr>
<tr>
<td>High 1st</td>
<td>6.5</td>
<td>2,798</td>
<td>33.4</td>
</tr>
<tr>
<td>High 2nd</td>
<td>16.5</td>
<td>6,343</td>
<td>16.6</td>
</tr>
<tr>
<td>High 3rd</td>
<td>33.7</td>
<td>1,446</td>
<td>4.9</td>
</tr>
</tbody>
</table>

*Limited by Rolling Resistance and Coefficient of Friction .

**WORKING WEIGHT** - Approximately 35,500 lbs.


**SPECIFICATIONS**

**OVERALL WIDTH** - 8 ft.

**TURNING RADIUS** - 19 ft.

**FRONT AXLE** - Planetary drive. (Does not oscillate).

**REAR AXLE** - Planetary drive, with 0 in. to 12 in. oscillation.

**OSCILLATION LOCKOUTS** - Hydraulic automatically controlled.

**SERVICE BRAKES** - Type - Power assist hydraulic, activated on all four wheels.

Size - 17 in. x .4 in.

**PARKING BRAKES** - Mechanical, on Front Axle.

Size - 13-3/8 in. x 2 in.

**ENGINE SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MAKE</th>
<th>ENGINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAS</td>
<td>Ford 298</td>
</tr>
<tr>
<td>GAS</td>
<td>Ford 391</td>
</tr>
<tr>
<td>DIESEL</td>
<td>Cummins V-352-C130 (MT)</td>
</tr>
<tr>
<td>DIESEL</td>
<td>Cummins V-352-C130 (MT)</td>
</tr>
</tbody>
</table>

**FUEL CAPACITY** - 49 gallons

**SWING** - 360° Continuous Rotation, Ball Bearing Swing Circle with External Gear, Gear Reducer driven by Hydraulic Motor Automatic Swing Brake.

**CAB** - All steel fully enclosed, skylight, safety glass windows, weather stripped, electric windshield wiper and heater. Left and right hand doors.

**MAIN FRAME** - 18 in. retangular box section, all welded and reinforced.

**TRANSMISSION and TORQUE CONVERTER** - Clark Powershift, 2 Wheel - 4 Wheel Drive integral with Range Shift. (Low Range 4 Wheel) (High Range 2 Wheel).

**SPEEDS** - 6 forward and 6 reverse.

**STEERING** - Front - Power assist hydraulic, wheel control. Rear - Full hydraulic, tiller bar control located on control console.

**TIRES** - 17.5x25 - 14 ply Power Grader Lug (nylon) tubeless.

**OUTRiggers** - Four, one at each corner, individually and independently controlled from operator's position. Hydraulic, with integral safety check valves. Width from centerline to centerline of outrigger pads - 12 ft. - 6 in. extended.

**DENOTES OPTIONAL EQUIPMENT**

**CONSTANT IMPROVEMENT AND ENGINEERING PROGRESS MAKES IT NECESSARY THAT WE RESERVE THE RIGHT TO MAKE SPECIFICATION, EQUIPMENT AND PRICE CHANGES WITHOUT NOTICE.**