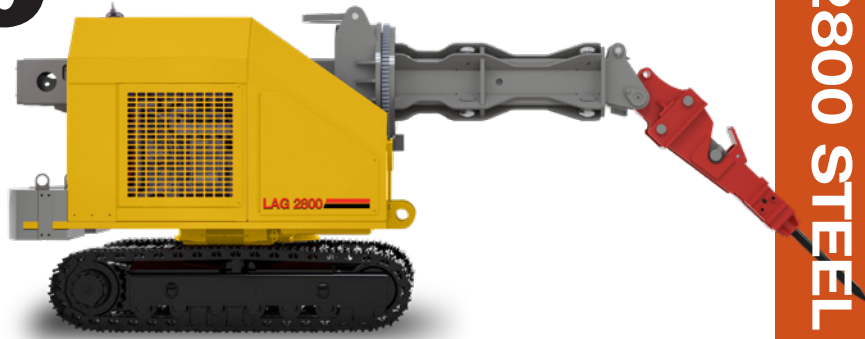


GRADALL®

LAG 2800

STEEL MILL MAINTENANCE



LAG 2800 STEEL MILL MAINTENANCE

SPECIFICATIONS

Engine

Gross Rating:

139 hp @2300 rpm (103kW) 398 ft/lb torque @1600 rpm (539 Nm)

- John Deere 4045HFC04 Final Tier IV Stage 5, 4 cycle, inline 4 cylinder, liquid cooled, electronic controlled
- Centralized oil and fuel filters, two fuel filters with water separator
- Isolated two-stage air filters with centrifugal pre-cleaner
- 100 amp alternator
- Block heater
- Remote engine oil drain

Fuel Tank

- 45 gallon (170 L)
- Quick, no spill fill system with automatic shut-off
- Visual fuel level gauge

Hydraulic Reservoir

- 70 gallon (265 L)
- High flow, 10 micron return filter
- 10 micron suction filter
- Visual oil level gauge with temperature gauge
- Cleanout covers for each compartment

Controls

- Radio joystick control pendant (SAE/NON SAE layout)
- Optional umbilical cord

Boom

- Adjustable roller telescopic boom
- 10ft (3048 mm) boom stroke
- 352° non-continuous boom rotate
- +38° -90° Tool pivot angle
- +25° -88° Boom hoist angle
- Quick change attachment adaptor

Undercarriage

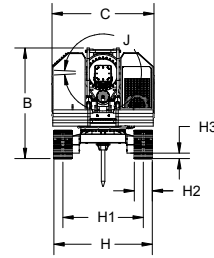
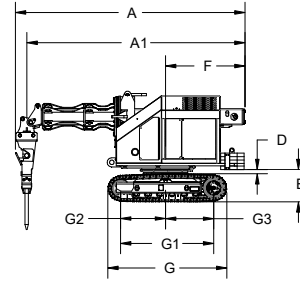
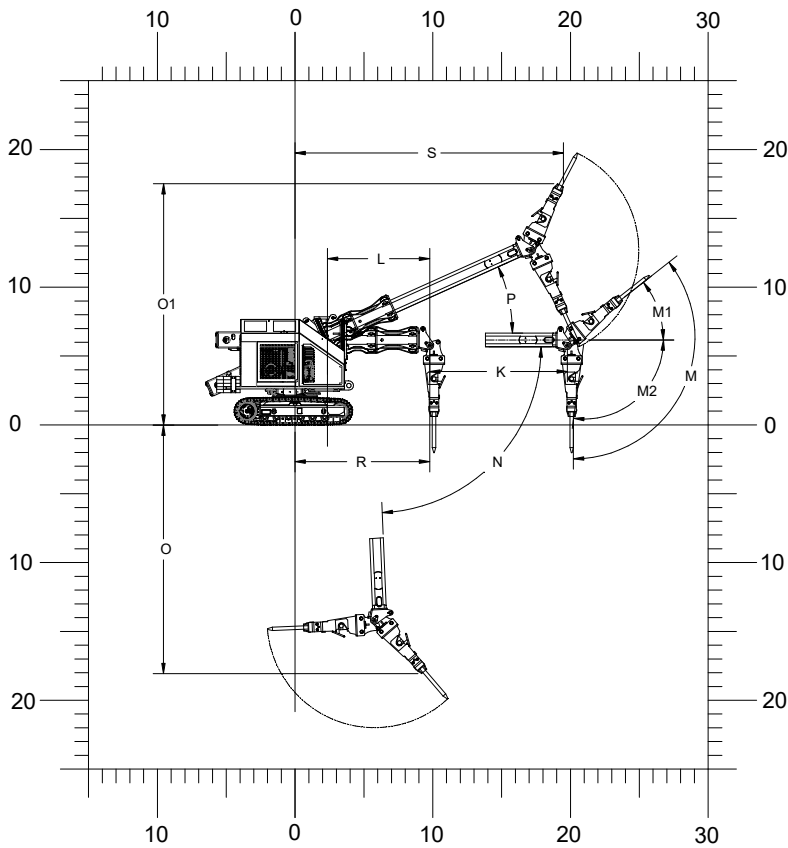
- Independent high-flow hydraulic motors
- High torque planetary gear hub with hydraulic brake
- Tie-down d-rings
- Triple-grouser pad
- 360° continuous swing

Hydraulics

- Load sense, pressure compensated pump 0-120 gpm (454 L/min)
- 4000 psi operating pressure
- 10 micron high pressure filter
- High-flow, low-pressure hydraulic components
 - One (1) boom in/out cylinder
 - Two (2) hoist cylinders
 - One (1) tool cylinder
 - One (1) slew drive motor
 - One (1) tilt motor
 - Two (2) track drive motors
- Counterbalance valves on rotate motor, hoist, stick and tool cylinders
- Active kidney loop hydraulic oil cooler

Electrical

- Simplified wire harness
- Centralized power distribution with spade fuses
- Battery disconnect with lockout
- Two 930 CCA batteries
- LED curtain safety lights
- LED warning strobe lights (amber, blue)
- LED work lights (flood, directional)
- Warning travel alarm



Dimensions

- A** Overall length with hammer attachment down: 16'-8 1/16" (5081 mm)
- A1** Overall length without attachment: 15'-10 1/16" (4828 mm)
- B** Overall height without lifting bail up: 8'-7 1/16" (2450 mm)
- C** Overall weight: 7'-4 7/8" (2257 mm)
- D** Minimum clearance from undercarriage to counterweight: 1-3 3/4" (400 mm)
- E** Clearance from groundline to counterweight: 2'-4 3/16" (716 mm)
- F** Swing clearance, rear of upperstructure: 5'-9 1/4" (1759 mm)
- G** Nominal overall length of undercarriage: 8'-7 5/8" (2632 mm)
- G1** Nominal distance between centerlines of idler and sprocket: 6'-9 1/8" (2060 mm)
- G2** Axis of rotation to end of track assembly: 3'-3 3/16" (995 mm)
- G3** Axis of rotation to centerline of sprocket: 3'-5 15/16" (1065 mm)
- H** Undercarriage width: 7'-1 13/16" (2180 mm)
- H1** Track gauge, roller centerline to roller centerline: 5'-10 1/16" (1780 mm)
- H2** Track pad width: 1'-3 3/4" (400 mm)
- H3** Ground clearance: 4'-11 1/16" (119 mm)
- J** Boom rotate: 352° non-continuous
- K** Boom stroke: 10' (3048 mm)
- L** Boom reach from hoist pivot to axis of rotation of attachment: 7'-5 1/16" (2262 mm)
- M** Tool pivot angle: 128°
- M1** Tool up pivot angle: 38°
- M2** Tool down pivot angle: 90°
- N** Hoist down pivot angle: 88°
- O** Reach from groundline to end of hammer tool: 18'-9 1/16" (5501 mm)
- O1** Reach from groundline to end of hammer tool: 17'-6 5/16" (5342 mm)
- P** Hoist up pivot angle: 24°
- R** Reach from centerline to tool pivot: 9'-9 5/16" (2980 mm)
- S** Reach from centerline to end of hammer tool: 19'-5 15/16" (5942 mm)

GRADALL®

LAG EQUIPMENT

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 Metric units are meters (m) unless noted.
 Machines shown may have optional equipment.

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