

The SERCO 300 is available in truck mount, self propelled carrier, or stationary electric applications. With a wide variety of options and on-demand hydraulics, this loader is exceptional for applications in the forestry, scrap, or industrial material handling industries.

#### Booms

32' knuckle boom fabricated from high-strength steel and reinforced at all stress points.

# **Swing Bearing**

54" diameter, external gear and tail swing 8' 8".

#### **Lower Frame**

Heavy duty, fabricated subframe assembly with structural counterweight.

#### **Stabilizers**

208" spread at grade, 14" reach below grade.



#### **Hydraulic System**

**Pumps**: Tandem, variable displacement ondemand with economy management system and dedicated slasher pump.

Valves: Stack type, located under platform deck Swing System: Double planetary swing gearbox with piston motor. 11 RPM swing speed, 50,881 ft-lbs. swing torque.

Controls: Pilot-operated joystick levers, foot swing pedal, individual electrical switches for stabilizers and single switch for simultaneous stabilizer actuation.

Filtration: Dual in-tank return line filters
Swivel: SERCO-designed and built continuous
swivel with ductile iron spool and chrome-plated
housing.

Oil Cooler: High capacity located on platform deck.

Cylinders: Two main  $5'' \times 50'' \times 3''$  rods, one jib  $6'' \times 45.5'' \times 3.5''$  rod, four stabilizers  $7'' \times 24'' \times 4''$ 

All cylinders have bolt-on heads, ductile iron pistons and glands, load locks on stabilizer cylinders, wear rings, and heavy chrome-plated rods

#### Miscellaneous

- 40" x 60.5" cab
- Non-opening skylight
- Tinted safety glass
- AM/FM CD stereo
- Windshield wiper/washer, defroster fan, dome light
- Climate control air conditioning/ heater with pressurized cab
- Fully adjustable seat with arm rests
- Digital gauges: tachometer, hour meter, fuel level, engine oil pressure, volts, coolant temperature
- Engine/hydraulic monitor & control system
- Heavy duty front swing out guard
- Swing-open door with sliding window
- Right side sliding window
- Two 12-volt power points
- Electric hydraulic oil pump
- Seat belts included





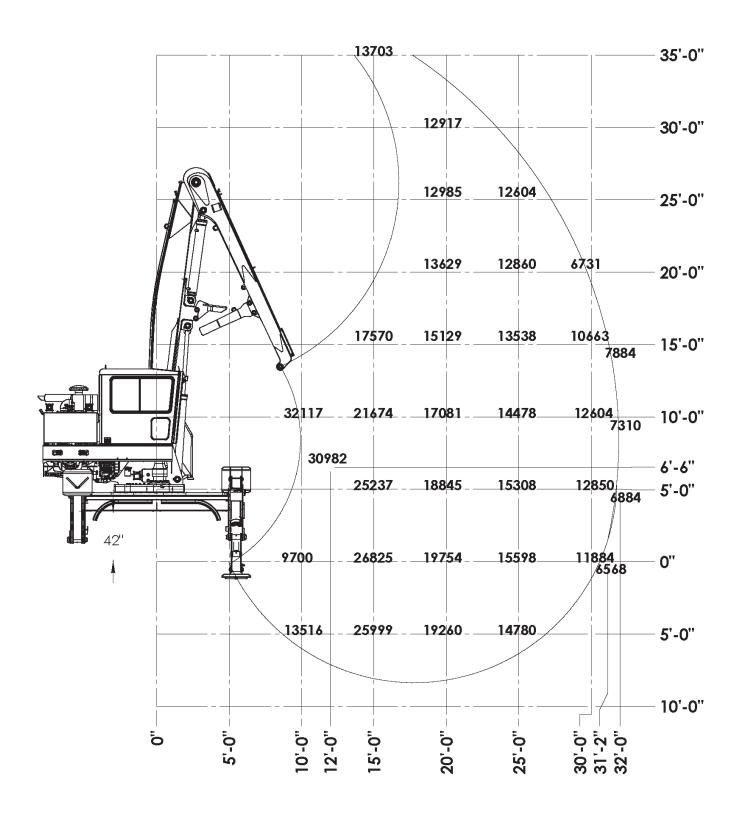




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## **LIFT DIAGRAM**

Capacities shown are maximum theoretical lift capacities based on loader system pressure rating indicated, loader is mounted on adequately sized vehicle, stabilizers deployed in down position and the entire unit is on firm, level ground.



### **NOTES**



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**CONTACT OUR TEAM TODAY!** 

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