

SERCO

LOADERS

A GRYB COMPANY

LIFTING EXPECTATIONS

3000 SERIES



LIFTING EXPECTATIONS

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.

Lower Frame

Heavy duty, fabricated subframe assembly with structural counterweight.

Swing Bearing

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

Stabilizers

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



Hydraulic System

Pumps: Tandem, variable displacement on-demand 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" x 50" x 3" rods, one jib 6" x 45.5" x 3.5" rod, four stabilizers 7" x 24" x 4" rods.

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

NEXT-LEVEL PERFORMANCE



LIFTING MADE EASY

Engines & Drive Line

Cummins B6.7 tier IV/stage V, 200 HP

Electrical:

- 24V system
- Circuit breaker protection
- Two cab-mounted LED work lights

Optional

- Live heel boom
- Fold-a-way stationary heels
- Automatic and manual greaser systems
- Electric hydraulic oil fill pump
- Carrier hydraulic drive packages
- Auxiliary lighting packages
- Full range of attachments including continuous rotation grapples

Miscellaneous

- Tilting engine shroud
- Engine & hydraulic tank heater
- Stabilizer position interlock system
- Platform position interlock system

Capacities

- Fuel: 80 gallons with lockable cap
- DEF: 10 gallons
- Unit Weight: 34,560 lbs. with live heel

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SERCO Slashers are an optional addition for our 2050 and 300 series loaders and are exceptional slashing applications.

- Parker hydraulic motor.
 - High pressure filter assembly.
 - Built-in end of stroke cushion on saw arm retract cycle.
 - Heavy-duty bangboard with external measuring points.
 - Heavy-duty hydraulic tube guard.
 - 5,000 PSI hydraulic hose in pressure circuit for saw motor.
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- Extreme-duty frame construction.
 - SERCO-manufactured jackshaft for proper motor and saw blade support.
 - Bolt-on cylinder glands for ease of maintenance.
 - Floating pins and bushings on saw arm and bangboard cylinder pivot areas for extreme longevity.

LIFTING EXPECTATIONS

SLASHER





YOUR NEW LOADER AWAITS!

CONTACT OUR TEAM TODAY!

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