

SERCO
LOADERS

GRYB

FORESTRY & LAND CLEARING

8500SR

32 & 34 SERIES LOADERS



The Serco 8500SR knuckleboom loader features a redesigned flat boom — engineered to clear the debris box in vertical position without grapple interference, and maximize truck-filling capacity horizontally. The 8500SR features internal jib hose routing, shielding hoses from debris — fewer snags, less downtime. SR models offer the longest reach in the industry — 32'8" and 34'2".

**REDESIGNED
FLAT BOOM
WITH THE
LONGEST
REACH IN ITS
CATEGORY.**

8500SR SERIES LOADERS

INNER JIB HOSE ROUTING

The jib hose runs internally instead of hanging exposed. Less debris contact means fewer snags, fewer blown hoses, and less downtime waiting on a fix.



EASY JIB HOSE MAINTENANCE

The inner jib hose sits behind the boom for easy access. Swap it out without pulling internal components — no grease, no teardown.



STUB-NOSED INNER JIB

The inner jib now has a stub nose instead of the standard tip. It retracts tighter, giving you a more compact profile for transport and tighter working clearances.



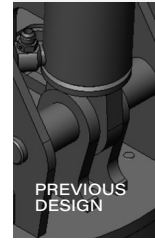
NEW DESIGN



PREVIOUS DESIGN

BIGGER MAIN LIFT CYLINDER, MORE MUSCLE

Main lift cylinder gets a wider retainer and has now a longer stroke. Jib cylinder has also a higher relief pressure (2750psi - same as the main lift cylinder) and a larger bore diameter (5.5" dia.). More hydraulic force where it counts.



PREVIOUS DESIGN



NEW DESIGN

FLAT BOOM

The boom stows flat in the debris box instead of sitting high in it, so the space above the floor goes to payload — not boom clearance. More material per haul, fewer trips. Hoses run tucked along the top of the boom, out of the path of loading and away from debris.



KEY FEATURES

- 16,000 ft. lbs. swing torque
- Up to 34'2" of reach with 24' retracted length
- Bolt-on legs for fast replacement and less downtime.
- Extenda cycle time under 8.2 seconds
- JIC hydraulic fittings — readily available across North America
- Self-lubricating Extenda-Boom wear pads
- Continuous swing rotation with Serco hydraulic manifold
- A-Frame style stabilizers with 117-3/4" spread at grade level
- Standard folding joystick controls

Backed by Serco's parts availability and dealer network

**FULLY MECHANICAL CONTROLS,
FIELD-REPAIRABLE WITH BASIC TOOLS.**



Options

- Hydraulic oil coolers built for all-day operation, even in extreme heat.
- Oversize stabilizer pads
- LED light kits
- Hydraulic tanks
- Heated seat & controls
- PTOs & hydraulic pumps available

Reach configurations

- 32'8" extenda boom
- 34'2" extenda boom

Industry leading extenda cycle time

8.2 seconds
3.2 extend - 5.0 retract

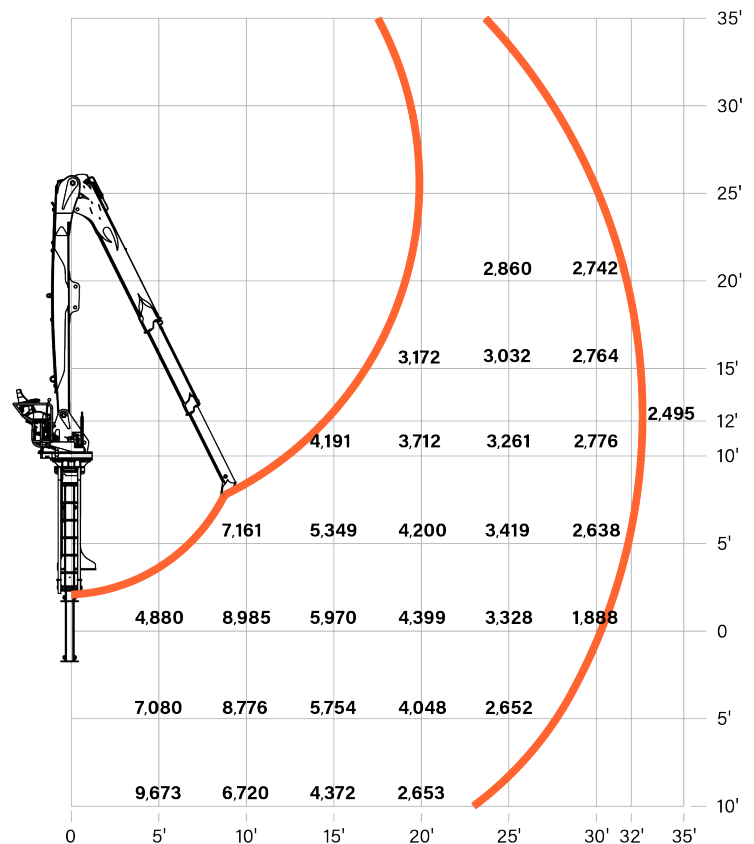
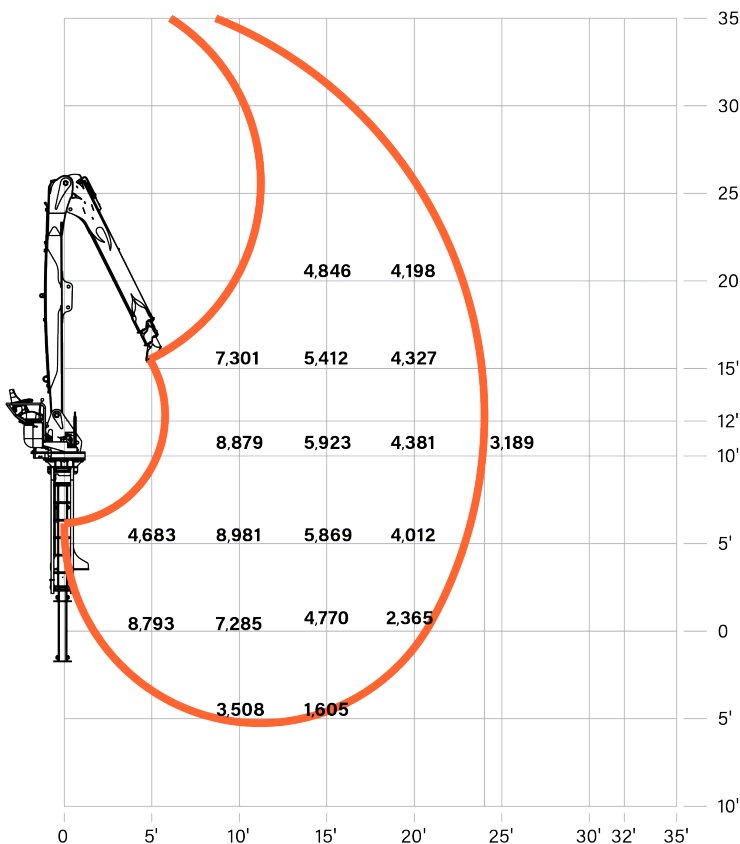
8500SR SERIES LOADERS

8500SR-32 SPECS

Lift Capacity @ 10 feet	LBS	8,981
Lift Capacity @ 32'	LBS	2,495
Max Reach		32' 8"
Weight	LBS	7,450
Swing Torque	FT. LBS	16,000
Swing Angle		Continuous
Bearing Diameter	IN	27.3
Swing Speed	RPM	10
Operating Pressure	PSI	2,750
Flow	GPM	60 (2 X 30)

LIFTING CHART

8,981 lbs. lift capacity at 10 ft. radius



8500SR SERIES LOADERS

8500SR-34 SPECS

Lift Capacity @ 10 feet	LBS	8,854
Lift Capacity @ 34'	LBS	1,721
Max Reach		34' 2"
Weight	LBS	7,600
Swing Torque	FT. LBS	16,000
Swing Angle		Continuous
Bearing Diameter	IN	27.3
Swing Speed	RPM	10
Operating Pressure	PSI	2,750
Flow	GPM	60 (2 X 30)

LIFTING CHART

8,981 lbs. lift capacity at 10 ft. radius

