

State-of-the-art technology in the hands of true professionals ensures optimal suction roll performance.

Each suction roll, regardless of type or origin, is subjected to the most stringent inspection protocol.

Equipped with the latest diagnostic and repair processes, experienced technicians prepare the suction roll for a timely return to the mill.



Suction Rolls Inspection and Repair

Mechanical Services	Benefits Produced
Tending Side	Disassemble and inspect front main journal, bearing and housing. Measure and inspect tending side fit. Polish front plate and tags, replace tags if necessary.
Suction Box Internals	Disassemble suction box. Clean and wash shell. Disassemble and inspect housing and internal bearing. Inspect all suction box parts. Remove and inspect packing and air load tubes or springs. Measure end deckle clearance. Purge lube, air and water lines. Pressure wash and clean suction box. Install supplier or customer provided air load tubes, packing and end deckles. Clean and inspect mating fit and bushings.
Drive Side	Remove drive-side head. Measure and inspect head fit. Disassemble and inspect rear main journal, housing and bearing.
Miscellaneous	Sandblast and paint exterior housings with specified color. Assemble roll with stainless steel fasteners.

Services Performed

Detailed Inspection	<ul style="list-style-type: none"> Identify problem areas and recommend corrective action.
Repair and Reconditioning	<ul style="list-style-type: none"> Correct worn or damaged areas to return roll to optimal performance.
Parts Fabrication	<ul style="list-style-type: none"> Produce new parts necessary to return roll to peak efficiency.
Detailed Reporting	<ul style="list-style-type: none"> Preliminary report outlines recommended repairs and costs. Final report details work performed (issued after roll has been returned to mill).

Capabilities: Electroplating, arc spray, machining, parts manufacturing, re-journal, engineering, balancing, NDT, new roll manufacturing, grit blasting and epoxy painting suction box, inspection of gearbox.

Additional Services

The replacement or refurbishment of parts, head fits, housings and/or journals may involve costs outside the scope of standard mechanical services and require separately approved contracts.

Service Locations

Concord, NH Tel: 603-224-6300	Middletown, VA Tel: 540-869-4000
Griffin, GA Tel: 770-227-8000	Neenah, WI Tel: 920-729-7000
Kelso, WA Tel: 360-636-0330	North Bay, Ont. Tel: 705-476-4900
	Ruston, LA Tel: 318-255-2000



Contact your Stowe Woodward Application and Sales Engineer for more information or visit www.stowewoodward.com.

