



SPINNAKER CORPORATION
EQUIPMENT AND PROCESS SOLUTIONS

SpinTech Newsletter

Volume 5 January 2012

Suction Rolls

Getting the Water Out

Suction rolls are typically the first (breast roll) or second water removal device that the furnish experiences after the head box. There are many variations but in general they are:

- Breast roll
- Couch roll
- Drum roll
- Press roll
- Pick-up and Transfer rolls

Spinnaker supplies suction rolls, shells and rebuilds for any application. Standard suction rolls include some or all of the following features:

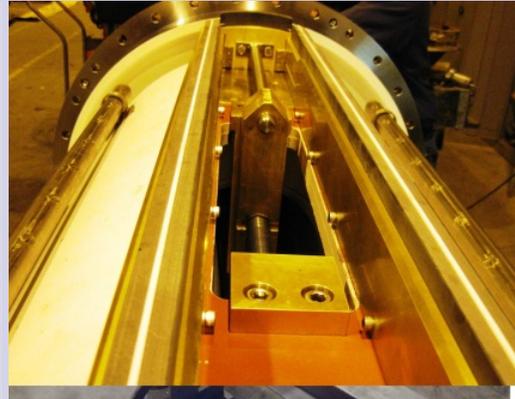
- Painted cast iron or stainless steel suction box
- 360 degree suction box rotation
- High & low vacuum zones



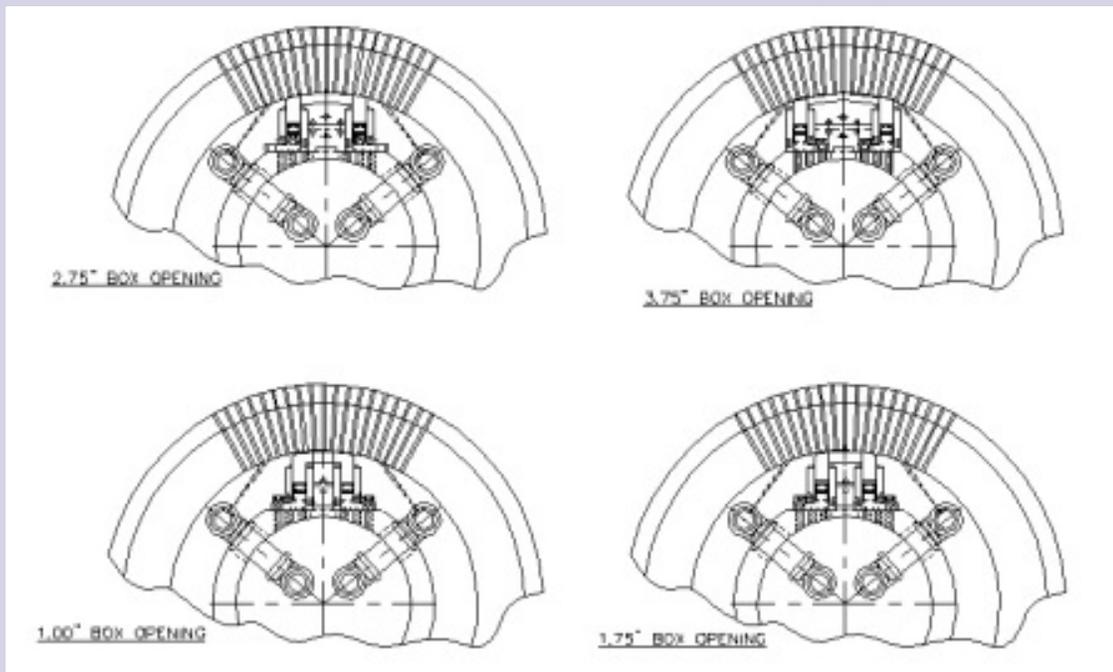
Suction Roll

- Adjustable edge deckles
- Pneumatically loaded seal strips
- Seal strip water lubrication
- Sealing showers
- Cleaning showers

Suction zone widths are dictated by the application and are typically fixed in the standard roll designs. Where grade or other process changes require it, we can supply rolls with adjustable suction zone widths. The zones are adjustable in fixed increments.



Suction Box Edge Deckle



Adjustable Vacuum Zone

Shells

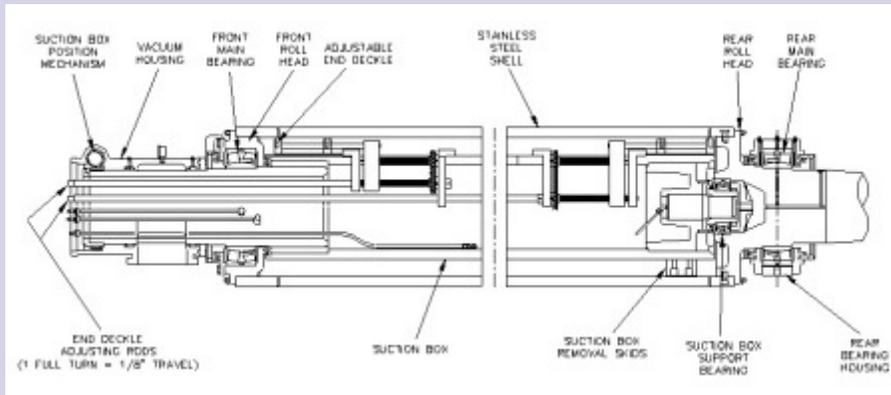
Bronze was a common shell material in the early days of suction rolls as it was less costly, and the process more mature than cast stainless. However, the process for centrifugally cast stainless is now routine. And the high cost of copper, the main ingredient in a bronze shell, has eliminated the cost advantage. Spinnaker supplies centrifugally cast shells from a number of different suppliers including Sandusky and Kubota. Shells are supplied in bronze, martensitic stainless, and duplex stainless steels. Rolled and welded shells are now in wide use and can be supplied upon request.

Rebuilds

Spinnaker and our partner shops have considerable expertise and experience in grinding, covering, and rebuilding suction rolls.

When looking for a source for suction rolls, shells or rebuilds, look to

Spinnaker Corporation. Your supplier of equipment and process solutions from stock prep to finishing.



To download the Spinnaker brochure, click this link:
http://attachment.benchmarkemail.com/c104065/Spinnaker_Brochure.pdf

Spinnaker Corporation
3876 Whitetail Court
Hobart WI 54155
Ph.: 920-265-0941
Fax: 920-227-4178

Shipping Addresses

Slice Lip Refurbishing
Spinnaker Corporation
1504 Sixth Street
Beloit WI 53511

Gears & Shop Work
Spinnaker Corporation
3976 Packerland Drive
De Pere WI 54115

Roll Service
Spinnaker Corporation
N1009 Craftsmen Drive
Greenville WI 54942

The *SpinTech Newsletter* delivers articles on rope tailing systems, headbox service & components, calender rolls, suction rolls, mechanical drives, trim system, roll covers, and operations & maintenance topics.

If you do not want to receive these newsletters, please click the Unsubscribe link .
Otherwise, we look forward to providing information that we hope will be helpful to you in your job.