Abrasive Removal

Abrasive Removal System with Bladder Option
200 GPM/Application 31 to 70 Square Feet

Model: GRS-0250-B-CC-BLADDER

The Ebbco Abrasive Removal Bladder System is designed to continuously remove the spent abrasive that collects in the catch tank, thus eliminating downtime for clean out and maximizing production. The Abrasive Removal can be retrofitted to any Abrasive Waterjet Cutting machine tool. The Bladder Feature allows the Waterjet operator to raise and lower the water level in a catch tank that does not have a built in bladder for submerged cutting. The Abrasive Removal System electrical controls can be interfaced with the panel on the Waterjet table giving the operator the option to control the work tank fro the main controls or manually from the filtration system.

System Benefits:

- Allows Customer the Ability to Rapidly Raise and Lower Water Level for Submerged Cutting
- Bladder Tank is Self Cleaning
- Maximizes Productivity
- Eliminates Downtime for Catch Tank Cleaning
- Reduces the Possibility of Thermal Distortion
- Reduces Closed Loop Consumable Costs
- In-Tank Sweeper Package to prevent Abrasive build up.
- Full One Year Warranty on Pump & System

Abrasive Receiver Options:

The Ebbco Abrasive Removal System comes standard with the Ebbco Abrasive Bag Hopper (shown). An Self-Dumping Hopper is also available.

Specifications

Abrasive Removal System
Model # GRS-0250C-CC-BLADDER

System

Dimensions:	88" L X 70"w
Voltage Requirements	230v / 460 3 Phase
Optional Voltages Available	575 v / 3 Phase
	400v/ 3Ph /50Hz
Full Load Amp	22.0
Minimum Air Requirement	80 psi @ 2 scfm

Inlet / Outlet

Suction	3"
Discharge	2.5"
Balancing Line	3"

Pump/Motor

Hp	7.5
Rpm	1800
FLA	22.6/12.3 (220/460)
Suction Pipe Size	3"
Discharge Pipe Size	2"

Separator

Model:	SDS-0200-B
Inlet/Outlet Size	3"/2.5"
Purge Size	1"

Bladder Capacity   800L

Suction Basket

Heavy-Duty Carbon Steel Housing For Pump Protection with an Internal Stainless Steel Removable Basket with Twist Tabs to Hold Basket in Place.

Sweeper Package:

A Custom Built Sweeper Package Incorporates An Eductor Kit, Which Enhances Water Flow And Keeps The Garnet In Suspension, Pushing It Toward The Pumps Suction.