

## ALO 110

### Band saw blade washer system

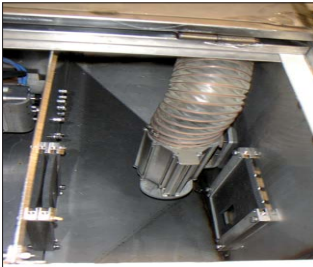


#### Multi band washing system

System includes hot high pressure water cleaning, rust protection and drying. System handle as standard 2–20 bands up to 100 mm width.

#### HIGHLIGHTS:

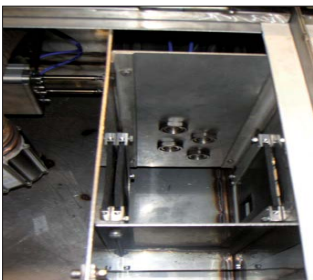
- In line with process with no added labor costs
- Low cost since washer use just high pressure, heated and circulated tap water
- Cleaned bands meet food industry demands
- Washed and de-burred bands generate better set and hardening results
- Less oil and dirt on shop floor downstream washer
- Dry and rust protected bands after washing



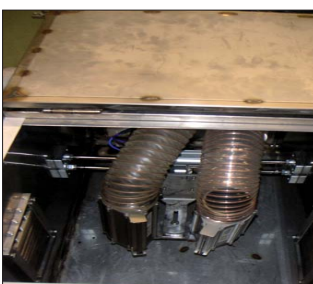
*Oil blow off with air knives*



*High pressure spray cleaning*



*Rost inhibitor spray chamber*



*High pressure air knives*

## MACHINE DESCRIPTION

The washer is built in stainless steel with two water tanks and four wash/drying chambers. One of the tanks is heated by electrical heaters. The top of the washer can manually be opened for service etc. The system are designed to clean mineral oil, swarf and dirt from bands.

## OIL BLOW OFF CHAMBER

The saw blade coils is mainly "cleaned" from oil via air knives, which are connected to a high pressure fan.

This oil can be returned to grinder/milling if filtered or recovered by an outlet pipe to container, not included.

## WASH CHAMBER

The washer is using high pressure water that splits and cleans the band stacks. The high pressure spray cleaning over the saw blades is made with two turbo rotor spray nozzles.

The water are heated to approx. 60°C and thereby clean water without any chemicals can be used. The "dirty" water passes through a magnetic filter cassette that separates the remaining steel from the water. The cassette can easily be removed for cleaning. The water in the first tank is continuously cleaned from oil by a band oil skimmer system to separate the oil from the in-se / wash water.

## RUST INHIBITOR CHAMBER

The rust inhibitor is mixed with the water in Tank No 2 and sprayed on the coils with a high pressure pump.

Make up water and rust inhibitor are added to the tank via magnetic valves and a dosing pump.

## DRYING CHAMBER

Bands are completely dried by two oscillating air knives before exiting the washer

## FILTERING:

Water is constantly filtered and cleaned through several filter stages like:

magnetic filter

oil skimmer

water tank with several settling compartments

changeable large capacity filter bag

No need of unfriendly chemicals in cleaning process make system easy and safe to handle as well as cost effective.

## TECHNICAL SPECIFICATION:

Max band width:	100 mm	4"
Band capacity:	2-20 bands	
Water temperature:	Heated to 60°C	140°F
Space requirement (LxWxH):	2.3 x 1.8 x 1.7 m	7.5 x 5.9 x 5.6 ft

