

Document No: B144-PSS  
Edition: 1  
Date: 2016-06-14  
Page: 1(2)  
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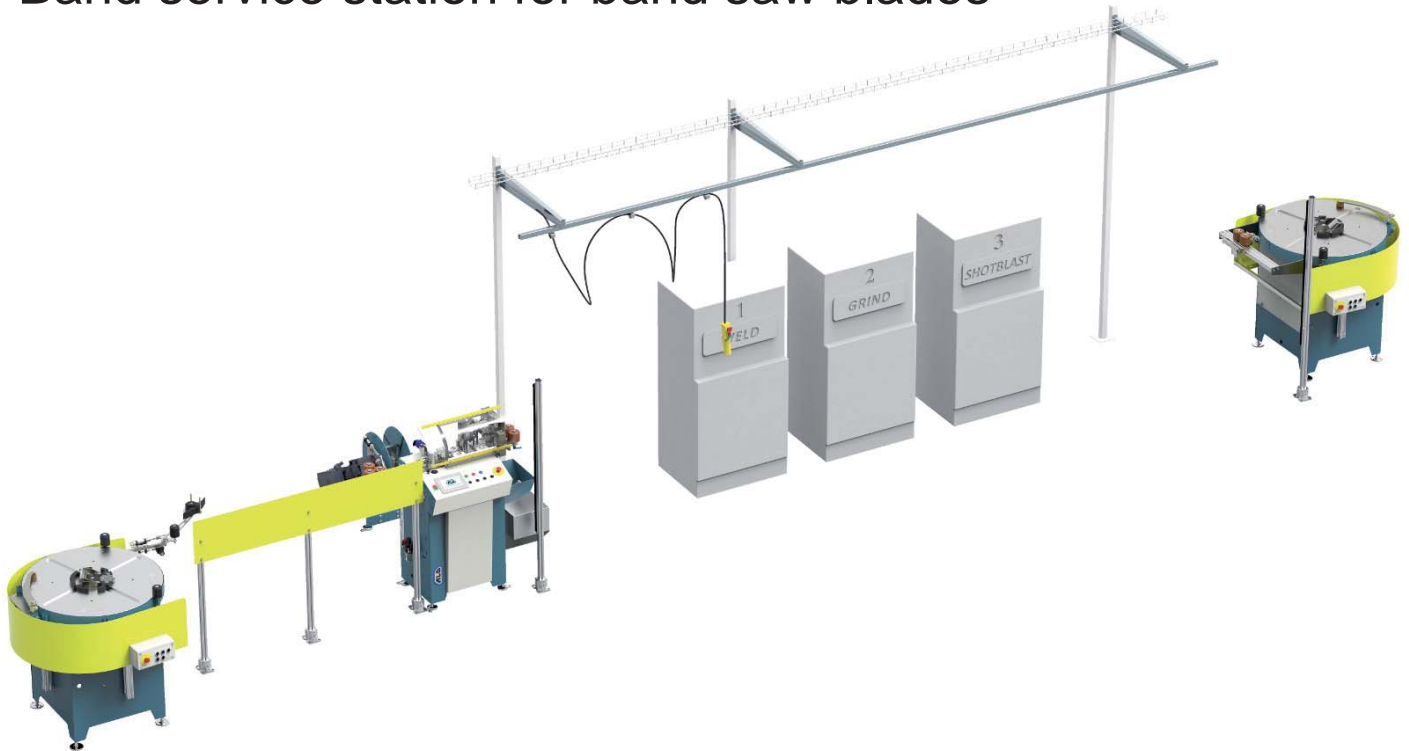


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# ALO 144-PSS

## ALO 144-PSS

### Band service station for band saw blades



#### THE SYSTEM COMPRISES:

Feed and measuring system  
Cutting unit  
Tooth matching system  
Pay-off coiler with protective cover  
Take-up coiler with protective cover

#### CAPACITY:

Blade width:	12 - 50 mm	½ - 2"
Blade thickness:	0.3 - 1.6 mm	0.01 - 0.063"
Blade length:	0 - 1000 m	0 - 3280 ft
Feed speed:	0 - 57 m/min	0 - 187 ft/min

#### HIGHLIGHTS:

- Length measuring with coiling rates up to 57m/min
- Match finder compare actual band pitch against programmed band pitch to avoid wrong set up
- Improved and updated shear unit for trouble free cutting
- Defect removal match finder automatically cut out pre marked defects with kept teeth pattern after weld
- Take up coiler operates with torque control for best coiling result
- Safe version of coiling center that interlocks with coiler plate
- Coilers have safe protective guarding
- Option: Capping allows you to add capping during coiling
- Option: Bar code reader system for quick and easy setup of work orders
- Option: Ink jet printer can be connected to print your brand/logo during coiling

#### COILER:

Take up coiler operates with torque control: 880-CW 1000mm outside diameter (OD)  
Pay off coiler, options: 880-CTL 1000mm OD  
863-CTL 1250mm OD





The new improved shear unit



Safety coil center 90915-S:  
 Releasing the hooks from the plate

## MACHINE DESCRIPTION

Our new machine is easy to use and fast, length measuring with a coiling rates up to 57m/min. Let the "Match finder" do the job when comparing the actual band pitch against programmed band pitch to avoid wrong set up and the improved and updated shear unit gives you a trouble free cutting.

The feature "Defect removal match finder" helps you to automatically cut out pre marked defects with kept teeth pattern after weld. With help of the additional pendant control system you can manually jog the band to different finishing stations with the safety feature SLS (Safe Limited Speed).

The machine also have counters helping you to keep track of scrap lengths, number of weld in ordered coil and how much more length needed to complete ordered length after band fault.

144-PSS also comes with a light barrier safety feature.

The take up coiler operates with torque control for best coiling result and the new safe version of coiling center interlocks with the coiler plate. The coilers have a safe protective guarding for a secure work environment

To make the job even easier ALO 144-PSS has some great options:

- Bar code reader system for quick and easy setup of work orders.
- Capping allows you to add capping during coiling.
- Ink jet printer can be connected to print your brand/logo during coiling.

### OPTIONS:

144-BAR:	Bar code reading system	144-INK-KIT:	Ink jet printer
144-CAP:	Tooth protection applier	9091x:	Collapsible coiling center

### TECHNICAL SPECIFICATION:

Band width:	12 - 50 mm	½ - 2"
Band thickness:	0.3 - 1.6 mm	0.01 - 0.063"
Band length:	0 - 1000 m	0 - 3280 ft
Accuracy:	± 10 mm at L= 10 m	± 0,4" at L = 33 ft
Feed speed:	0 - 57 m/min	0 - 187 ft/min
Coiler OD take up:	1000 mm	39,37 "
Coiler OD pay off:	1000/1250 mm	39,37 / 49,21"
Max coil weight:	250 kg	550 lb
Type of coiler centres:	Collapsible coiling center with automatic band end lock device.	
Air pressure:	6.3 bar	91 psi
Voltage:	400 VAC ±10% 3 phase, 50 60 Hz ±1% directly earthed system.	
Space requirement (LxWxH)*:	6000-15000x2000x1800mm	236-591x79x71"
Weight:	612 kg	Including coilers

\*) The length depends on which equipment are used between ALO 144-PSS and the coilers

