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 Prepared:
 AP

 Approved:
 MS

ALO Center AB Industrivägen 10 SE-792 32 Mora Sweden +46 250 94900 info@alocenter.se

www.alocenter.se



**ALO 144** 

# **ALO 144**

## Coil wind station for band saw blades







#### THE SYSTEM COMPRISES:

Feed and measuring system Cutting unit

Tooth matching system

Band end/pre marked band fault detector

Take up coiler with safety guard

#### **CAPACITY:**

Blade width: 12 - 50 mm
Blade thickness: 0.3 - 1.6 mm
Blade length: 0 - 1000 m
Feed speed: 0 - 57 m/min

#### **HIGHLIGHTS:**

- Length measuring with coiling rates up to 57 m/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
- Take up coiler operates with torque control for best coiling result
- Safe version of coiling center that interlocks with coiler plate
- · Coilers with safety guard
- 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 1000 mm outside diameter (OD)

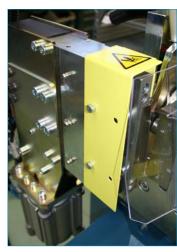
Pay off coiler, options: 881 1000 mm OD

880-CTL 1000 mm OD

863-CTL 1250 mm OD



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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.

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 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-CAP:** Tooth protection applier

**144-INK-KIT:** Ink jet printer

**9091x:** Collapsible coiling center

### **TECHNICAL SPECIFICATION:**

Band width: 12 - 50 mm

Band thickness: 0.3 - 1.6 mm

Band length: 0 - 1000 m

Accuracy:  $\pm$  10 mm at L= 10 m

Feed speed: 0 - 57 m/min

Coiler OD take up: 1000 mm

Coiler OD pay off: 1000/1250 mm

Max coil weight: 250 kg

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): 6000x2000x1800 mm

Weight: 612 kg Including coilers