

ALO152

Cut to length line for band knives



THE SYSTEM COMPRISES:

Double payoff coiler
Demagnetizer
Side straightening units (2 ea)
Flat straightening unit
Twist straightening
Ink-jet printer
Width and camber classification system
Length measuring and feeding unit
Shear
Out feed / sorting unit
Magazine or coiler

CAPACITY:

Band width:	20 - 100 mm	¾ - 4"
Band thickness:	up to 2.54 mm	up to 0.1"
Band speed coil to coil:	up to 45m/min	150 ft/min
Band speed, coil to blade:	25 - 28 blades/min	(L=1m / 3 ft)



Operator panel



Width and camber classification system



Double turnable payoff coiler

MACHINE DESCRIPTION

Payoff coiler

The powered payoff coiler are equipped with an enforced coil retaining ring covered with an edge protective material. Adjustable friction brake and disc brakes. Coil speed are controlled by a ultra-sonic loop system.

Straightening

2 powered camber straightening units with carbide rolls are mounted on a inspection bench that can be equipped with pneumatic shear and inkjet printer.

The flat straightening rolls of both upper and the lower roll frame are supported by back-up rolls and are surface-hardened. The upper roll frame are easily adjusted with four turn wheens and gauges. The upper and lower straightening rolls are driven synchronously by two high torque hydraulic motors. A twist straightening unit are aslo included.

Classification system

High speed and high resolution photodiode/laser system width and camber classification.

Feed/measuring system

Robust 4-wheel drive system with integrated length measurement via pulse transducer. Lengths and number of blades are ordered on a touch screen OP interface.

Shear

The shear blades are made of hardened and ground powder tool steel and can be reground. The design admits adjustment of both slides and cutters.

Magazine

Number of blades can be chosen in multiples of ten for each section of the magazine. The blades will then be distributed into respective section according to numbers chosen.

TECHNICAL SPECIFICATION:

Band width:	9 - 50 mm	3/8 - 2"
Band thickness:	0.5 - 1.5 mm	0.02 - 0.06"
Blade length(depending on magazine length):	500 - 1500 mm	20 - 60"
Magazine capacity:	60 blades /section (1.42mm thick) or 100 blades/section (0.8mm thick)	
Air pressure:	6.2 bar	91 psi
Voltage:	220 - 500 VAC, 3-phase, 50 - 60 Hz \pm 1%	
Power consumption (at max output power):	17 kVA	
Feed speed:	Up to 45 m/min or 25-28 blades/min (L=1000mm)	

