

ALO 600-15-1

Cut to length machine for hand hacksaw blades



THE SYSTEM COMPRISES:

Payoff coiler
Coil straightening unit
Feed and punch unit
Collector magazine

CAPACITY:

Blade width: 10 - 15 mm
Blade thickness: 0.5 - 0.7 mm
Max feed length: 320 mm
Speed example: 60 blades/min

OPTIONS / ACCESSORIES:



ALO 822
Double coiler



ALO 90915
Expandable centre with
auto band lock



ALO 106 CUBE
Coil handling system



The feeding system with clamping jaws on each side.



Picture showing compact toggle joint and collect magazine.

MACHINE DESCRIPTION

The band is fed from a powered decoiler through a straightening device to the feeding unit.

The blade length is measured in one feed cycle and the blade is locked with a double clamping system during the punch operation and the return stroke of the feed unit.

The compact toggle joint press is made of tool steel and equipped with linear ball guides and needle bearings to ensure long lifetime

At the punching operation the end of the blades and the holes are formed with hard metal insert dies that easily can be dismantled for regrinding or exchange.

Number of blades are programmed at the operator panel and the surveillance of the machine is done via a PLC.

The machine is equipped with a screw collect magazine that will stack the blades vertically.

The machine can cut bands with or without teeth.

Options

Double coilers (No. 820-2)

Machine for larger and thicker bands on request,

Induction generator when cutting hard blades/bands.

A 3 kW induction generator will heat the cutting zone to required temperature. When using the generator the cutting speed may be slightly reduced.

TECHNICAL SPECIFICATION:

Band width:	10 - 15 mm
Band thickness:	0.5 - 0.7 mm
Max feed length:	320 mm
Length feed accuracy:	±0.1 mm
Max coil OD:	820 mm
Max coil ID:	300 - 315 mm
Max coil weight:	150 kg
Weight:	450 Kg
Approx capacity:	60 blades / min (see options)
Air pressure:	6.3 bar
Voltage:	230 VAC, ± 10%, 1-phase, 50 – 60 Hz ± 1% directly earthed system
Power consumption (at max output power):	0.2 kVA
Space requirement (l x w x h):	3.3 x 1.6 x 1.1 m

Other customer requirements may be discussed between customer and ALO.

