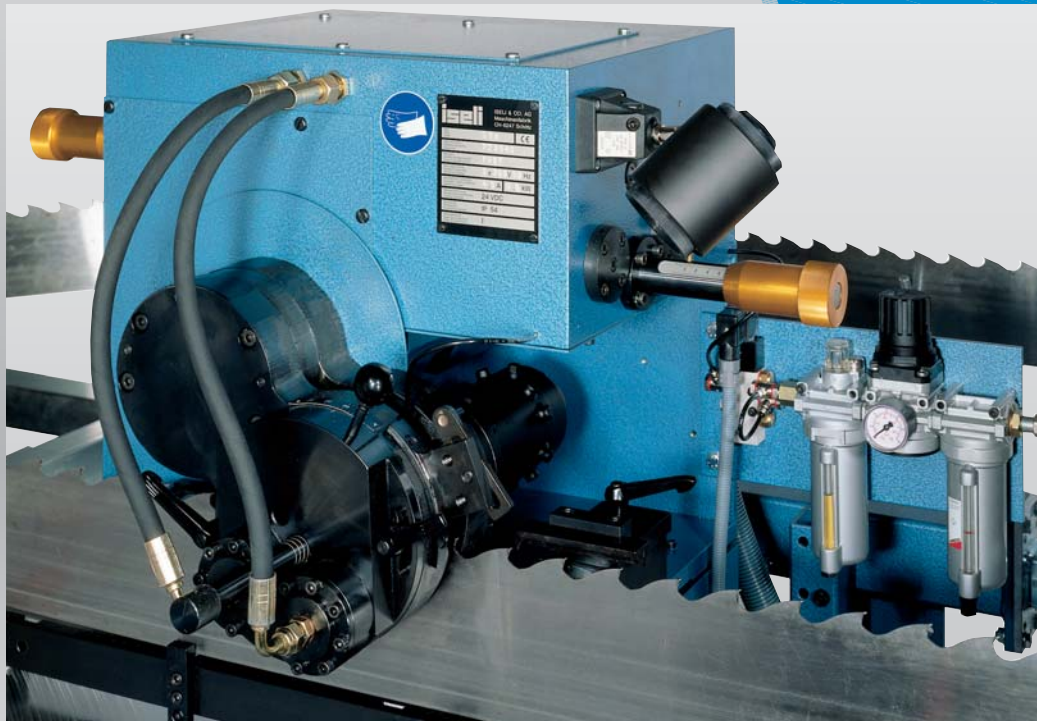


Fully automatic hydraulic controlled swaging machine for band saw blades and frame saw blades



**Swaging twice
Shaping once**



swaged and shaped

Specifications STA

- Band saw blades:
 - Length: 6000 to 14000 mm
 - Width: 60 to 300 mm
- Frame saw blades:
 - Width: 60 to 160 mm
 - Tothing length: up to 1250 mm
- Special execution on request.
- Blade thickness: 0,8 to 3 mm
- Tooth pitch: 18 to 60 mm
- Tooth height: from 10 mm
- Clearance angle: 5° to 28°
- Rake angle: 5° to 35°
- Swage dies: Ø 10,12, 14 mm
- Shaping fences-Clearance angles: 5° oder 8°
- Connected load: 1,4 kW approx.
- Compressed air supply: 6 bar
- Feeding speed: about 8 swaged and shaped teeth a minute
- Dimension of packing: 170 / 125 / 175 cm
- Weight: net 680 kg, gross 860 kg

Subject to alteration in design for technical advance.



Hydraulic-System

Deciding features

- Fully automatic swaging and shaping in one operation.
- Short setting time.
- High precision.
- The same tooth can be swaged once or twice and shaped in a single pass.
- Feed limit stop for variable tooth pitch.
- Easy to operate due to the latest state of technology with microprocessor control.
- Centralized height adjustment of the saw blade

Further qualities

- Suitable to swage and shape band saw blades up to 300 mm of width and frame saw blades of all common dimensions (maximum 3,0 mm thickness).
- Swaging densifies the tooth point of the saw tooth of what results a smoother and more accurate cut of the wood and a higher production.
- Blade feed is effected by the swage die so as accurate positioning of the saw tooth is guaranteed.
- The die is mounted in bearings on both sides. It can be used on 10 different positions.
- The clearance- and the rake angle, the width to be shaped

and the tooth pitch are easily set according to scales, without changing any machinery parts.

- The complete procedure is hydraulically controlled and individually adjustable.
- The control-panel is well arranged and accessible.
- Electrical equipment in accordance with DIN-EN 60204 standards. Protective motor relay and thermal release for all motors. Emergency stop.

Additional Equipments (on request)

- Equipment for double toothed saw blades.
- Equipment for frame saw blades.
- Automatic lubricating unit for swaging with a mixture of air and oil.
- Feed limit stop for variable tooth pitch.
- Swage dies 10,12 or 14 mm (on choice).
- Shaping fences for clearance angles 5° or 8° (on choice).

iseli STA

