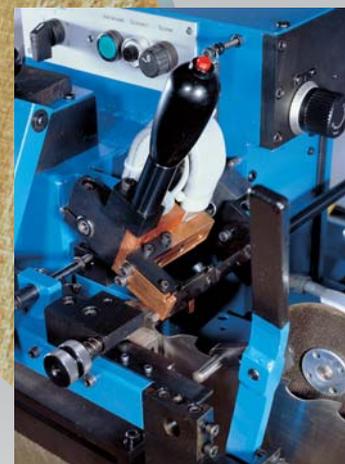
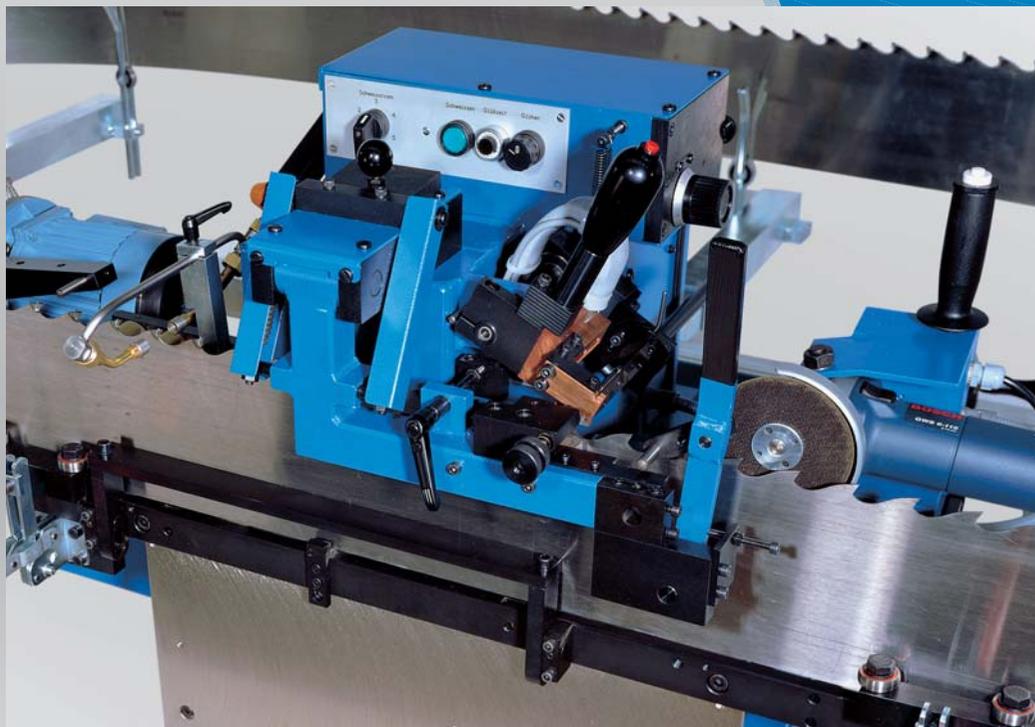


# iseli SAM

## Manual stellite® tipping machine

### The economical tipping system



Operating elements

**Tooth by tooth  
for a fine faced tooth  
giving burr free finish.**

### Specifications

#### Manual Stellite-tipping machine SAM

- Blade thickness: 0,8 to 4,0 mm
- Tooth pitch: 13 to 115 mm
- Tooth height: 5 to 40 mm
- Front rake angle: 10 to 30°
- Band saw blades
  - Blade width: 80 to 300 mm
  - Blade length: from 5500 mm
- Narrow band saws: 25 to 80 mm
- Circular saw blades
  - Diameter: 250 to 1000 mm
  - Bore diameter: 22 to 210 mm
- Gang saw blades
  - Blade width: 80 to 160 mm
  - Blade length: unlimited
- Working speed: up to 12 teeth / min.
- Round stellite: Ø 3,2 / 4,0 / 5,0 / 6,4 / 8,0 mm
- Preformed stellite (Prism): P 5,0 / P 6,5 mm
- Cutting-wheel: 115 / 1 x 22 mm
- Connected load: 25 amp.
- Weight of machine: 250 kg, without support
- Height of machine: 150 cm
- Seaworthy packing: 2 m³ approx.

Special executions on request.

Subject to alteration in design for technical improvements.

 **Zertifikat ISO 9001**

**iseli**

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## Main features

- Well proven stellite tipping system with excellent reputation.
- The stellite is welded on the saw by resistance welding method.
- The structural condition of the stellite does not change during welding. Cracks and holes in the stellite are thus avoided.
- The stellite is welded horizontally and the tip size can be adjusted in width.
- The stellite bar is manually advanced and is cut off by a cutting off wheel after welding.

- Pre-shaped (prism) stellite P 5,0 and P 6,5 and round stellite from 3,2 to 8,0 mm dia can be used.
- No need for elaborate saw preparation and grinding of the saw tip before tipping.
- New tips can be directly welded onto existing tips.

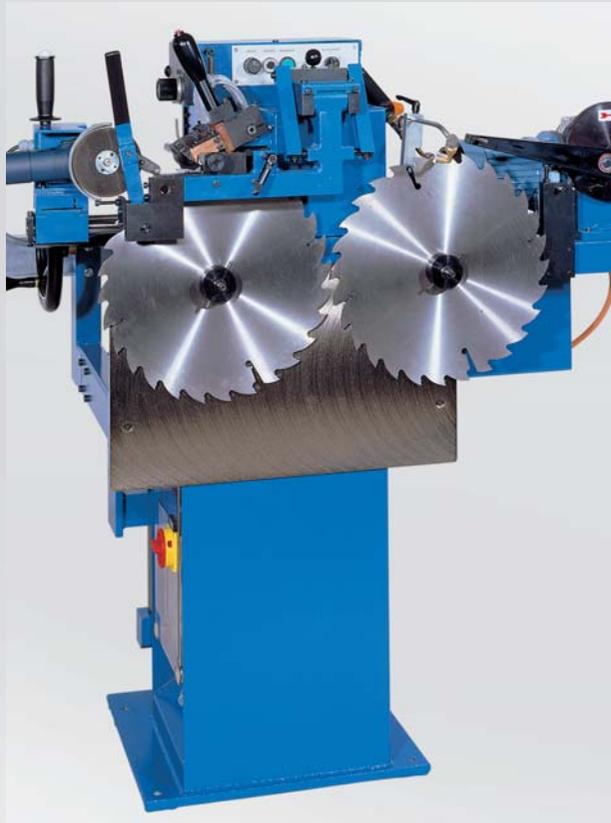
## Further qualities

- Easy adjustments allow band, circular and gang saw blades to be tipped on the same machine.
- Tipping of the saws is manually executed. Annealing is carried out automatically in a second process.
- The simple construction of the machine eliminates the need of expert operation.
- The central height adjusting device gives hassle free installation of the saw blade.
- The working speed of the machine is up to 12 teeth per minute.

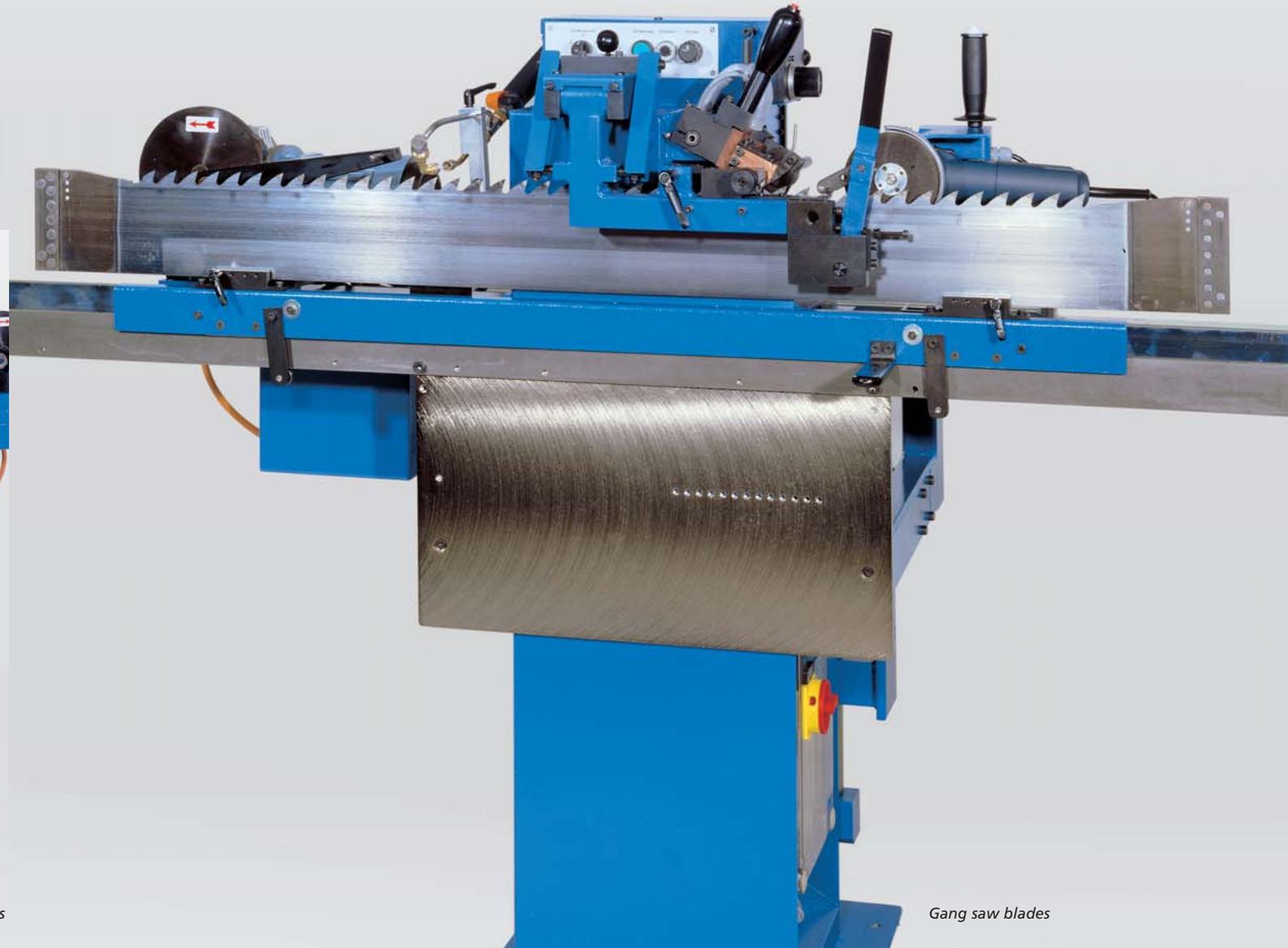
## Options (on request)

- Carrousel centrally adjustable in height for right-running band saw blades.
- Single stands for heavy or left-running band saw blades.
- Additional supports for double toothed band saw blades.
- Equipment for circular saw blades with centering devices for bores dia. from 22 to 210 mm.
- Equipment for gang saw blades for widths from 80 to 160 mm.

**iseli** SAM



*Circular saw blades*



*Gang saw blades*