Silicon SAWS AND PRESSES 40 YEARS

Machine offer · October 2026

**Ref. 35826**

REFURBISHED · AVAILABLE NOW

# iDEAL BAS 320

Bandsaw Blade Flash Butt WIding Machine

PRICE

**On request**

bandsagen.de · info@bandsagen.de

| YEAR | REFURBISHED | CLAMPING FORCE | MAX. CLAMPING WIDTH | MACHINE W |
|---|---|---|---|---|
| 2015 | 2026 | 38 kN | 50 mm | approx. 8 |

40 YEARS ANNIVERSARY

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**40** YEARS IN MACHINERY

**2,500+** MACHINES DELIVERED

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# Specifications

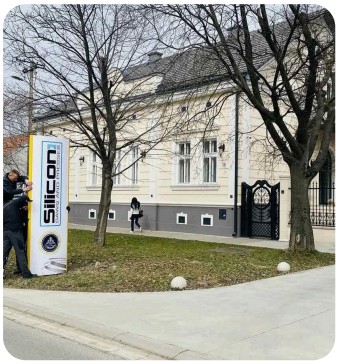
TECHNICAL DATA · iDEAL BAS 320

| | |
|---|---|
| Make and Model | iDEAL BAS 320 |
| Nominal output (50% DC) | 25 kVA |
| Secondary voltage | 2.8 – 5.5 V (6 stages) |
| Control voltage | 24 DC |
| Clamping force | 38 kN |
| Upsetting force (max.) | 10 kN |
| Air pressure (min.) | 6 bar |
| Air consumption per cycle | 52.6 Nl (at 6 bar) |
| Cooling water consumption | 4–5 l/min (20–25°C) |
| Machine weight | approx. 800 kg |
| Dimensions W/D/H | 1214 / 957 / 1982 mm |
| Connection voltage | 380–420 |
| Bi-metallic / carbide bandsaws | 6×0.40 – 54×1.60 |
| Wood saw blades | 6×0.40 – 50×1.10 |
| Stainless steel saw blades | 10×0.40 – 40×0.80 |
| Strip blades | 6×0.40 – 50×1.00 |
| Steel strip S235JR | max. 150 mm² |
| Stainless steel | max. 60 mm² |
| Max. clamping width | 50 mm |

# The machine

DESCRIPTION & PHOTOS

Handles the full spectrum of blade types — bi-metal, carbide, wood, and stainless steel — up to 50 mm clamping width, covering blade dimensions from 6×0.40 mm up to 54×1.60 mm on bi-metal stock. At 25 kVA with 38 kN clamping force and 10 kN upsetting force, it delivers consistent, high-integrity welds across carbon and stainless steel strip with max. cross-sections of 150 mm² and 60 mm² respectively. The fully automatic welding and annealing cycle is recipe-controlled via touch panel — operator inserts the blade, hits start, and the machine handles the rest. Robust pneumatic clamping, water-cooled electrodes, and a 800 kg industrial frame make this a workhorse for sawmills, blade service centers, and large metalworking operations.



## Silicon Plus

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Used high-speed presses, coil handling and iDEAL band saw blade welders — inspected under power in our own workshop and shipped worldwide.

**See all 14 photos online**
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