



BLM GROUP

| ENG |

ENDFORMING AND MACHINING E-SHAPE

The element that makes the difference.



Up to 10 ram forming stations:

- 8 fixed + 2 rotating
- 7 fixed + 3 rotating

All electric

SINGLE punch forward

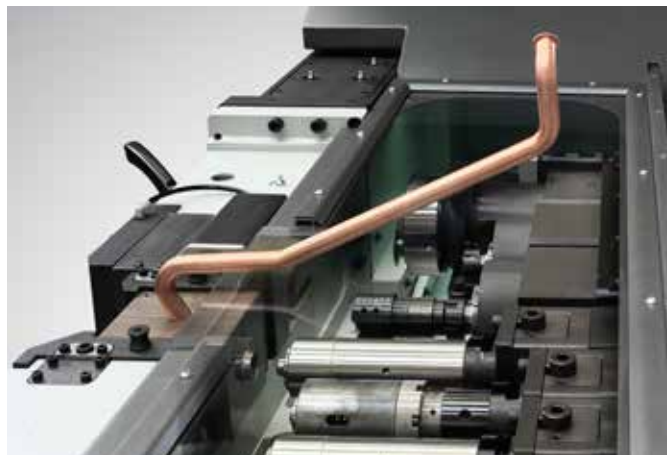
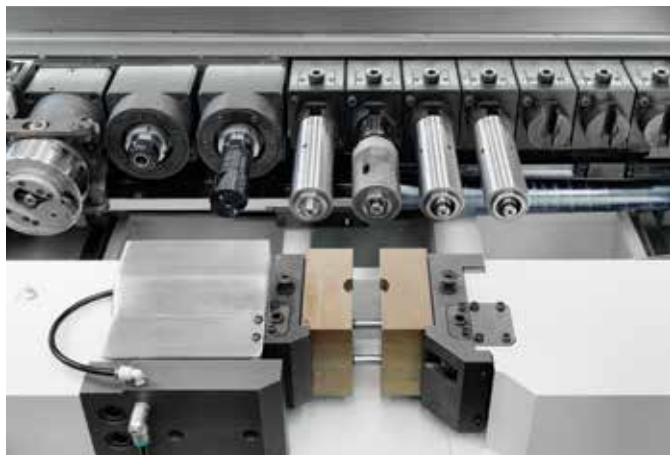
- Clamping-jaw with direct in line movement
- High rigidity
- Excellent cycle time

Pushing force up to 10 tons

HORIZONTAL punch holders

- Absence of overhead obstacles
- High degree of configurability

E-SHAPE is an all-electric endforming and machining unit that performs both the forming operations and the integrated machining (cutting and trimming) using VGP2D programming software. The machine can be configured with 10 ram forming stations, 7 ram and 3 rotating stations or 8 ram and 2 rotating stations. The integrated process management allows considerable cycle time savings in loading and unloading operations and also guarantees better quality. The all electric technology means high processing precision coupled with very short set-up times.



E-SHAPE

Tube diameter	min. 4 mm - max. 50 mm (.160" - 2")
Forming stations	max. 10
Pushing force	10 t
Clamping force	15 t
Max working stroke	150 mm (6")
Rotary tools	max 3 standard
Tube lubrication	mineral oil
Quick-change punches	standard
Double handed operator control panel	standard
Max noise level	75 dBa
Machine weight	4000 kg (8800 lbs)
Dimensions	2000 - 2750 - 1500 mm (79" x 108" x 59")
Pre-closing of the tube clamp door for quick-changes	standard

CNC: Beckhoff CP2716-0010 built-in fanless PC panel

Screen: Multi-touch 15.6-inch, 16:9

Processor: Intel® Atom™, 1.75 GHz, Dual Core

RAM memory: 4GB RAM

Disk memory: 32GB CFast card, SLC flash

Operating system: Microsoft Windows Embedded Standard 7, 64 bit,

USB PORT: 4 USB3 ports + 1 front accessible and foldaway USB port

ETHERNET PORTS: Two ports- one port reserved for EtherCAT line and one available port for company network

☞ Features, weights, dimensions, capacities and performances of the machines are not binding and may be subject to change without notice. Pictures are for demonstration purpose only.



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