



BLM GROUP

| ENG |

Straightening, end-forming, facing, bending,
cutting and controlled unloading

4RUNNER-H1

Elements make the difference



In process right and left multi-radius flexion bending

- reduced dimensions of bending head;
- independent closing of dowels for variable radius bending.

More and more

- realization of 3D coils;
- 180° curves;
- pieces of particularly complex geometry.



The unquestionable advantage of this combined, multipurpose tube processing system is its modularity. It can be variously configured as a dedicated version for a specific job or complete process including: de-coiling, straightening, end-forming, bending and cutting-off and unloading the finished component.

Benefits include:

- maximum flexibility in terms of functionality and manufacturing capability
- maximum efficiency and lower investment costs because of process integration and just-in-time operational capability.

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Bending capacity for round tubes	Al: 12.7x1,24 mm (0,5"x0.05")
	Cu: 12.7x1 mm (5"x0.04")
	Fe360 (R=360 N/mm ²)
	10x1 mm (0.39" x 0.04)
	Inox 10x0.8 mm (0.39"x0.31")
Controlled axes	6 + 2
X axis accuracy	± 0.05 mm
Y axis accuracy	± 0.05°
Z axis accuracy	± 0.05°
Max. bending radius (can be increased on request)	50 mm (2.0")
Min. bending radius (can be decreased on request)	10 mm (0.4")
Max. bore through tube guides	14 mm (0.56")
Max. installed power	12 kW (16 kW with accessories)
Average power consumption	4 kW
Noise level	65 dB(A)
Machine weight without end-forming module	2300 kg (5070 lb)
End forming module weight	n.d.
Machine dimensions without end forming module	4000x1980x1865 mm (157"x78"x73")

CPU SIMATIC IPC247D

Screen: Flat panel, multi-touch, display 16:9 da 19-inch back-lighting with low consumption LED, 1366x768 pixel, 16,8 million colours.

Processor: CORE I7-3517UE

RAM: 4GB RAM

Hard disk: SSD, 80 GB

Operating system:

Windows 7 Ultimate, 64bit

USB: 4 USB3 V3.0 (high current)

Ethernet: 2 Ethernet RJ45 10/100/1000 Mbit/s

Port RS232

☞ Machine features, weights, measures, capacities and performance are not binding and may be changed without prior notice. The photographs are only examples.



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