







-  Conventional marking technology
-  Scribe, stylus and dot-peening marking technology
-  Type-wheel marking technology
-  Laser-marking technology
-  Traceability
-  Special-purpose machines

# Roll marking machines

## Technical data sheet

- Consistently high marking performance can be achieved with little effort.
- Easy-to-adjust marking depth.
- Large workpiece throughput possible.
- The height adjustment of the machine table makes it easy to adapt the machine to the workpiece diameter and to set the marking depth.
- The in-built tolerance range protects workpieces and tools.
- Durable and robust construction.
- Standard roll-off devices
- Optional special devices available.



BM 73 EL

### Application area

BORRIES roll marking machines are used for marking solid or hollow round parts. Flat workpieces and non-rotationally symmetrical components can also be marked using the appropriate devices and tools.

### Optional equipment

- Special solutions with automatic handling available, e.g. for brake discs, gas bottles, pump bodies.
- Customer- and component-specific roll-off and mandrel holding devices
- Various marking tools such as type holders or marking units available.




BM 76 EL\*\*




BM 79 (special design)\*\*

\*\*Fig. shows roll marking machines with different options.

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## Technical data

	BM 73 H	BM 73 EL	BM 76 EL	BM 79 EL
Max. marking stroke, approx.	220 mm	220 mm	250 mm	400 mm
Max. distance between table clamping surface and marking slides	200 mm	196 mm	Adaptable	Adaptable
Theoretical workpiece diameter depending on tool and unit	with PW*: max. approx. Ø 94 mm with TH*: max. approx. Ø 127 mm		with PW*: max. approx. Ø 267 mm with TH*: max. approx. Ø 297 mm (Example: LH400)	variable
Table clamping surface (width x depth)	165 x 150 mm	165 x 150 mm	220 x 220 mm	300 x 300 mm
Drive power of the geared motor	by hand	0.37 kW	1.1 kW	0.75 kW
Connection voltage (standard)	-	400 V ± 10 % (3 L/N/PE) 50 Hz	400 V ± 10 % (3 L/N/PE) 50 Hz	400 V ± 10 % (3 L/N/PE) 50 Hz
US version		480 V ± 10 % (3 L/N/PE) 60 Hz	480 V ± 10 % (3 L/N/PE) 60 Hz	480 V ± 10 % (3 L/N/PE) 60 Hz
Power consumption	-	0.5 kW	1.5 kW	Min. 1.1 kW**
Slide speed, approx.	-	7.5 m/min	7.5 m/min	7.5 m/min
Dimensions in mm (width x depth x height)	300 x 400 x 620	680 x 644 x 1140	899 x 772 x 1520 (Example: LH400)	variable
Noise level	< 75 dB(A)	< 75 dB(A)	< 75 dB(A)	< 75 dB(A)
Weight for standard version	Approx. 130 kg	Approx. 160 kg	Approx. 430 kg	variable

\*PW = numbering head, TH = type holder

\*\*Depending on the version, the power consumption may vary upwards

Subject to technical changes.