



AT THE EDGE OF PERFECTION

ALME KF 80MA **EDGE MILLING MACHINE** EDGEMILL SERIES 100

Technical data and options **edgemill series 100**

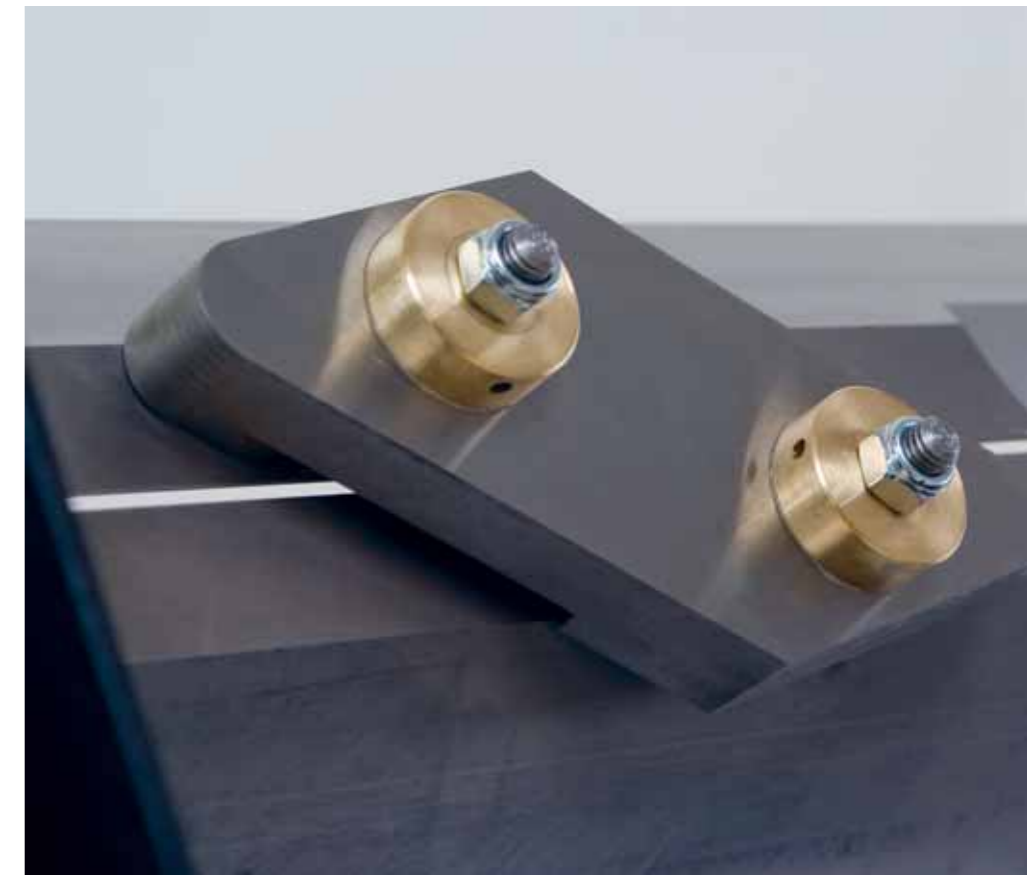
Specifications	Machine type	
	100	120
Guide rails, hardened 600 mm length		
Motor power 3 kW		
Milling spindle speed, fixed 2850 rpm		
Milling spindle speed, variable with frequency converter 1800 to 4500 rpm	opt.	opt.
Angle adjustment, fixed (milling angle) 45°		
Angle adjustment, fixed (milling angle) 30° and 60°		
Milling head diameter 80 mm with 6 ISO inserts		
CE pack		
Hold-down device for small work pieces	opt.	opt.
Support bar for wide work pieces	opt.	opt.
Base frame standard version		
Base frame with wheels	opt.	opt.
Dimensions: length 620 mm / width 350 mm / height 450 mm (basic model)		
Dimensions: length 620 mm / width 550 mm / height 940 mm (with variable speed + with base frame)		
Dimensions: length 620 mm / width 350 mm / height 940 mm (with base frame)		
Weight: approx. 45 kg (basic model)		
Weight: approx. 60 kg (with variable speed + with base frame)		
Weight: approx. 50 kg (with base frame)		
Voltage 400 V, 8 amps, 50 Hz standard		
at 45° max. 8mm		
at 30° max. 5mm, at 60° max. 8mm (see sketch)		

Technical data are subject to change without notice

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edge processing



EDGE MILLING MACHINE **ALME EDGEMILL SERIES 100** THE COMPACT

The edgemill is a stationary edge milling machine designed for efficient beveling of plates, rods and workpieces.

The edgemill 100 table-top model is the smallest machine in our series of models. With its fixed cutting angle, this "low-cost machine" is capable of milling burr-free super edges up to 8mm x 45° (option: 30°/60°) – and in many cases in a single pass, depending on the material machined! A smoothing pass enables a surface finish of N7 to be achieved without any chatter. The edgemill 100 is excellently suited for deburring, but can just as well be applied for preparing welding edges or for beveling almost all types of metal parts.

All the important components of the machine are hardened and ground. The chips produced during the milling process land in a special drawer, ensuring a clean workplace at all times.

The excellent accessibility of the milling head allows the inserts to be changed within almost no time. All that is required is to swivel the guide bar upward by 180 degrees. This provides access to the milling head and enables the inserts to be changed with superior ease.

Edge milling machine for manual operation

Technical data of edgemill 100

Milling spindle speed fixed 2850 rpm

Milling head diameter 80 mm with 6 ISO inserts

Motor power 3 kW

Guide rail length 600 mm hardened

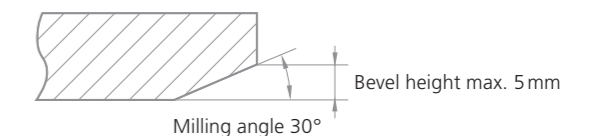
Voltage 400 V, 8 amps, 50 Hz standard, special voltages with transformer upon request

Dimensions length 620 mm, width 350 mm, height 940 mm

Weight approx. 60 kg

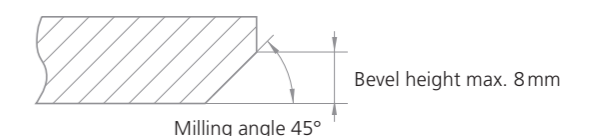
Milling angle 30°

Bevel height infinitely variable; at 30° max. 5 mm (depending on the material, 2 to 3 passes may be required)



Milling angle 45°

Bevel height infinitely variable; at 45° max. 8 mm (depending on the material, 2 to 3 passes may be required)



Milling angle 60°

Bevel height infinitely variable; at 60° max. 8 mm (depending on the material, 2 to 3 passes may be required)

