GERIMA

world of beveling



SMA 30 BER

THE NEW GENERATION OF MOBILE EDGE MILLING MACHINES WITH GERIMA BOOSTER TECHNOLOGY

type of bevel	α = 0°-80°	C up to 8 mm	r = 1,2-6 mm	on					type of beveling

NEW! BOOSTER-Technology
enables increased productivity through 30%-80% higher material removal while at the same time reducing vibrations.

Less vibrations
longer operating times of the machine and indexable inserts reduce the costs per meter and improve working conditions for the worker.



NEW! Ergonomic handle made of plastic.

Electronics-package with speed control, electrical safety shutdown, restart protection, soft start and electronic overload protection.

Milling head quick-change system 2.0
with torque transmission makes handeling easier when changing the milling head both with the proven standard milling heads and with the new high-performance milling heads. This ensures that work is even more efficient.

▶ Area of application

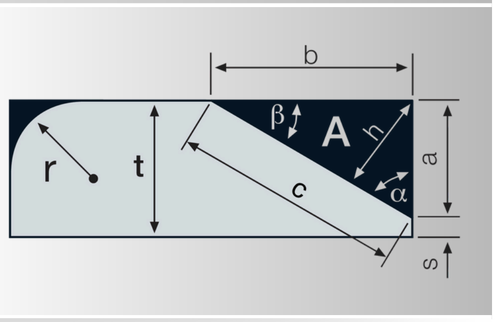
Processing of small and medium-sized bevels up to 8 mm bevel width on straight edges and contours for weld preparation. Processing of radii from 1.2 to 6 mm to prepare paintwork and coatings or to reduce the notch effect when components are subjected to high dynamic loads. Processing of optical bevels or functional edges. With the integrated speed control versatile for the processing of different materials (steel, stainless steel, non-ferrous metals, plastic).

▶ Industry

Mechanical engineering, steel construction, bridge construction, shipbuilding, crane construction, apparatus construction, container construction, locomotive and wagon construction, contract manufacturing, processing services.

▶ Technical specifications

adjustment range	*a*	*7,5 mm*
bevel width	*C*	*up to 8 mm*
bevel angle	*α*	*0°-80°*
radius	*r*	*1,2-6 mm*
equipping	*Z*	*3 indexable inser*
power	*P*	*1.500 W*
speed	*n*	*2.500-7.900 min-1*
weight	*G*	*4,8 kg*
voltage	*V*	*230 V*
leg length	*b*	
opposite angle	*ß*	
bevel height	*h*	
bevel size	*A*	
land width	*s*	



The bevel widths depend on the material and bevel angle.

GERIMA GmbH · Weimarer Straße 12 · 66606 St. Wendel Germany · Phone: +49 (0) 6851 9395 100 · Fax: +49 (0) 6851 9395 121 · info@gerima.de · www.gerima.de

GERIMA

world of beveling



SMA 30 BER

THE NEW GENERATION OF MOBILE EDGE MILLING MACHINES WITH GERIMA BOOSTER TECHNOLOGY

CONSUMABLES AND ACCESSORIES

▶ Milling heads and guiding rolls

As standard, milling heads with 3 cutting edges in the angular ranges from 0° to 80° and radii from 1.2 mm to 6 mm are available (other milling heads for other angles, radii and special milling heads on request).

For each milling head (bevel, radius), specially coordinated guide rollers are offered. These guide rollers also enable the machining of inner and outer contours and boreholes.





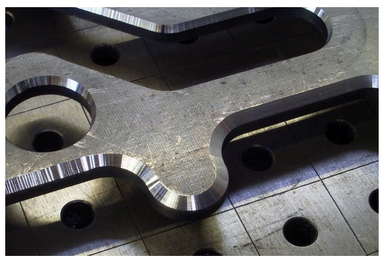


fig. 45°-bevel-milling head with 3 cutting edges and guide roller, equipped with 3 bevel-indexable inserts of type K





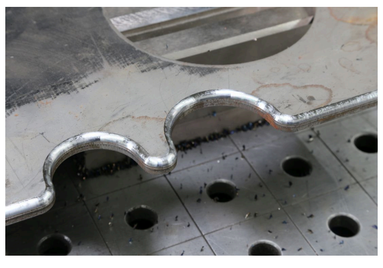


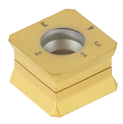
fig. 45°-radius-milling head with 3 cutting edges and guide roller, equipped with 3 x 3 mm-radius-indexable inserts of type R-K

▶ Carbide inserts for bevels and radii

Indexable inserts are offered as standard with different coatings for machining a wide varity of materials:

- for plastics and non-ferrous metals (e.g. aluminum, copper, brass)
- for steel and soft stainless steels (V2A)
- for hard steels, fine grain steels or higher-alloyed stainless steels
- other indexable insert types and designs for special applications on request

Indexable inserts for bevels, can be used 8 times

type K 

bevel	*up to 8 mm*
type	*K*
cutting edges per insert	*8*

Indexable inserts fpr radii, depending on type, can be used 8 or 16 times

type R-K 

type R-K 

radius	*1,2 / 2*	*2,5 / 3 / 4 / 5 / 6*
type	*R-K*	*R-K*
cutting edges per insert	*16*	*8*

Head office
GERIMA GmbH
Weimarer Straße 12
66606 St. Wendel
Germany
Phone: +49 (0) 6851 9395 100
Fax: +49 (0) 6851 9395 121
Mail: info@gerima.de

Distribution partner:

Technical changes reserved. Liability for printing errors is excluded.