



MKSmulti series

Flexible use

for effective
cut-off sawing

The specialist for your roll forming technologies

Ever since it was founded in 1949, DREISTERN GmbH & Co. KG has always set exceptional standards in the field of roll forming. We have established ourselves as one of the market leaders worldwide through the application of the very latest technologies in roll forming machines, our comprehensive know-how concerning roll forming units, and our ability to provide complete process integration. More than 2,000 units from DREISTERN are in use, producing more than 8,000 different profiles, more than 40 patents have already been applied for.

We work for companies from these sectors, among others

- Automotive & transport
- Electrical industry
- Construction industry
- Storage & logistics
- Furniture industry
- Roll forming plants

MKSmulti series

OPTIMAL SOLUTION

Continuous process optimization and a high degree of flexibility in production are the current requirements of our customers. You always get the solution that is optimal for you through our leading edge technologies and our expertise.

FLEXIBLE CUT-OFF SAWING

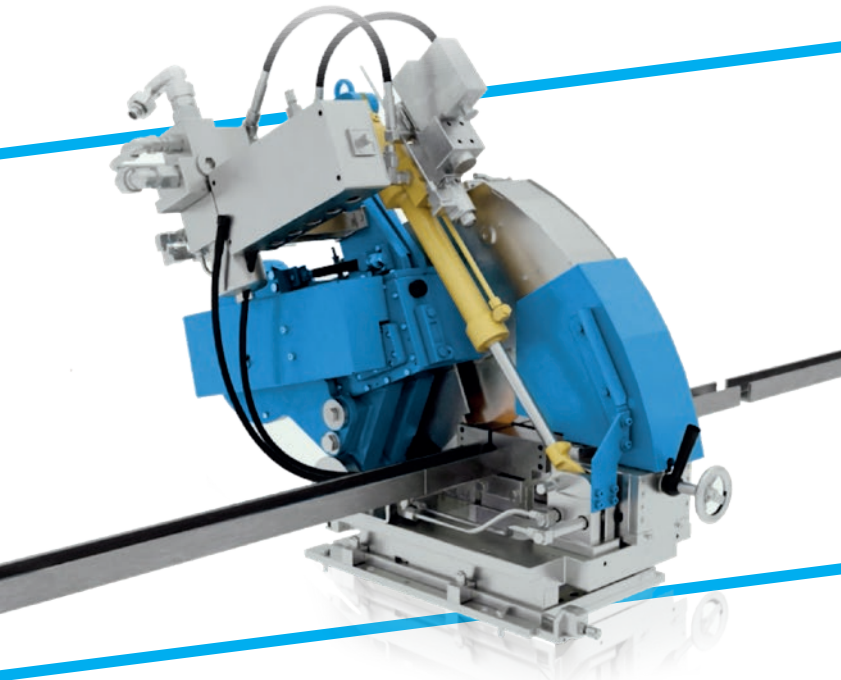
The MKSmulti series offers flexible cut-off sawing where it is needed. The saws of the MKS 340, 650, 1063, 1071 and 2080 series are also autonomous solutions.

- Use with multifunction DREISTERN roll forming machines
- Use with DREISTERN cutting-off machines, moving or stationary
- Use as a standalone DREISTERN metal circular saw

OWN ELECTRICAL CONTROLLER

The MKSmulti series has its own electrical controller that can either be used together with other plant components or else autonomously, entirely according to what the production process required.

Flexible and mobile use on various units or as a stand-alone solution is thus possible. The MKSmulti series has a compact control cabinet with a built-in control panel and a modern user interface.



MKS*multi series*

Convincing features

- Up to 200 sawing programs that can be named individually
- Own electrical controller
- High degree of safety in set-up mode
- Cut-off time and end position monitoring of the advance feed
- Low cutting costs

SAWING PROGRAMS

- Up to 200 sawing programs that can be named individually can be stored.
- Five items can be saved per sawing program. These items can either be input numerically or else taught-in manually.
- If required, a different sawing program can be selected from sawing cycle to sawing cycle.
- The speeds for feed advance and the saw blade can be set to any numeric value.
- There is automatic sawing program correction if the saw blade diameter changes.

SET-UP MODE

- It is only possible to make movements in set-up mode when the enabling device is used.
- Jog mode for the advance feed, single stroke and positioning at 3 defined fixed positions (OT position, saw blade change position, transport position) is possibly using softkeys at the control panel, including the graphic display.

GENERAL MACHINE FEATURES

- The feed advance speed can selected as either mm/s or feed per tooth.
- The actual position is standardized to the lower edge of the saw blade.
- All the saws have cut-off time and end position monitoring of the advance feed.
- In the event of errors there is a rapid moving back and the saw blade and the feed advance are switched off for safety reasons (Safety on Board).

FURTHER ADVANTAGES

- Cutting that is level, at precise angles and with hardly any burrs thanks to the very latest sawing technology
- Short sawing times for high parts capacity
- Advance feed controller with built-in path measuring system
- Hydraulic profile clamping jaw system
- Economical lubrication through microdosing system
- Cooling of the saw blade
- Low cutting costs

MASCHINE DATA	MKS 340	MKS 650	MKS 1063	MKS 1071	MKS 2080
Cutting speed (m/min)	25-1250	25-800	20-320	20-320	35-320
Saw blade Ø (mm)	350-400	450-500	450-630	520-710	560-800
Motor rating	7.5 kW	21 kW	44 kW	44 kW	57 kW
Cutting range profile tube WxH max. (mm)	130x85	150x100	220x150	220x150	500x220
Cutting range round tube Ø max. (mm)	85	101.6	168	190	250
Gewicht (kg)	400	600	1,400	1,500	3,000

Make use of our roll forming expertise

DREISTERN GmbH & Co. KG
 Wiechser Straße 9
 D-79650 Schopfheim
 Tel.: +49 7622 391-0

technology@dreistern.com
www.dreistern.com