

Data sheet



DECKEL **FP4MK**
repowered by FPS

FP4 MK 2203-100 Active digital
Stepless adjustable feed X / Y / Z

REFURBISHED / AS NEW

Item number : **4010**

Display

3-axis FPS active digital display – new machine control panel

Application

Easy to operate digital display / straight cut control with absolute and chain dimension input incl. tool correction. The control contains four programmable reference points. The positioning of the machine is simplified by direction indication by LEDs.

Technical Data

Axis travel

X / Y / Z 500 / 400 / 400 mm

Tool holder

SK40 DIN 69871

Clamping system

DECKEL S20 x 2 (standard)
M 16 DIN 2080 (optional)

Work spindle

Vertical manually telescopic by 60 mm
Horizontal manually telescopic by 100 mm
Milling head manually tiltable +/- 90° (180°)

Milling arm

Additionally adjustable in Y-axis by 50mm.
This increases the X - Y working area to 500 x 450 mm.

Speed range

50 – 2500 rpm geometrically stepped direct gear transmission with 18 speed stages for maximum torque / milling performance

Feed

6,3 to 630 mm/min – stepless adjustable

Rapid traverse

1,3 m/min

Fixed table

800 x 460 mm max. load 400 kg

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FPS Standard

Modernised to the legally required safety standard "**state-of-the-art**" in accordance with the safety ordinance of the trade association.

Switch cabinet electronics

Installation of a new CE - compliant switch cabinet according to the current legal regulations of the trade associations.
BGVA 3 / DIN-EN 60204-1 new machine standard.

Safety / brake motor

Conversion of the machine by mounting a new brake motor. When the speed stops, the milling spindle comes to an immediate standstill.

Options

Central lubrication	Protective bellows in the Z axis
Chip pan	Rotary table
Universal table	Overarm with counterbearing
Index head	Special paint coating
Machine lamp	etc.



**According to new machine
 EN / ISO Standards**

Option: Modification to CE – conformity:

Conversion and preparation of a CE declaration of conformity according to: EC directive 2006/42/EC, appendix II 1 a - OJEU L157/24 of 09.06.2006. In addition, the EU directives: EMC 2014/30/EU Annex IV - OJEU L96/79 of 26.04.2014 and "Low Voltage" 2014/35/EU - OJEU L96/357 of 29.03.2014 are fulfilled. Therefore, the machine also complies with the requirements of the German Ordinance on Industrial Safety and Health (BetrSichV). FPS Werkzeugmaschinen GmbH is hereby the manufacturer of the machine and the manufacturing year corresponds to the date of delivery. In combination with our refurbishment, the machine fulfils the new machine standard.

Connection values

Mains connection

3 x 400 V AC 50 Hz

Electrical supply

TN-S/

Vonnection method

Fixed connection

Max. Fuse

20 A

Space requirements

2000 x 2000 x 1935 mm W / D / H

Machine weight

1445 kg incl. fixed table, milling head and switch cabinet