

Data sheet



DECKEL **FP1**
 repowered by FPS aktiv

FP1 2101 – 100 conventional
 with stepless adjustable feed

REFURBISHED / AS NEW

Item number : **1030**

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 300 / 150 / 340 mm

Tool holder

SK40 DIN 69871

Clamping system

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

Work spindle

Vertical and horizontal.
 Vertical manually telescopic by 60 mm
 Milling head manually tiltable +/- 90° (180°)

Milling arm

Additionally adjustable in Y-axis by 100mm.
 This increases the X - Y working area to 300 x 250 mm.

Speed range

40 – 2000 rpm geometrically stepped direct gear transmission with 16 speed stages for maximum torque / milling performance

Feed

5 to 500 mm / min – stepless adjustable

Rapid traverse

1,2 m/min – stepless adjustable

Fixed table

600 x 210 mm max. load 200 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 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

Optional complete machine in CE design.

A CE declaration of conformity is issued for the machine. Therewith FPS Werkzeugmaschinen GmbH becomes the manufacturer. The machine thereby fulfils the requirements of the Operating Safety Regulation - Betr. SichV. The **year of manufacture** thus corresponds to the delivery date of the machine.

EN ISO 12100, EN ISO 13857, DIN EN 13128:2009-09, EN ISO 13850, EN ISO 13849, EN 60204-1

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

1600 x 1400 x 1750 mm W / D / H

Machine weight

710 kg incl. fixed table and milling head

Switch cabinet weight

140 kg