

Data sheet



DECKEL
 repowered by FPS

FP3

FP3 2201 conventional

REFURBISHED / AS NEW

Item number : **3000**

Display

3-axis Heidenhain touch digital display – ND 7013

Application

Easy to operate actual value display with radius compensation for 16 tools, furthermore hole circle, hole segment, hole row and hole frame calculations graphically supported. The control provides 10 programmable reference points and a speed calculator.

Technical Data

Axis travel

X / Y / Z 500 / 300 / 400 mm

Tool holder

SK40 DIN 69871

Clamping system

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

Work spindle

Vertical and horizontal.
 Telescopic vertically and horizontally 100 mm.
 Milling head manually tiltable +/- 90 °

Milling arm

Additionally adjustable in Y-axis by 200mm.
 This increases the X - Y working area to 500 x 500 mm.

Speed range

40 – 2000 rpm geometrically stepped direct gear transmission with 18 speed stages for maximum torque / milling performance

Feed

10 to 500 mm/min – geometrically stepped, with 18 gear stages

Rapid traverse

1,2 m/min

Fixed table

800 x 420 mm max. load 400 kg

Data sheet

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

2200 x 1400 x 1800 mm W / D / H

Machine weight

1270 kg incl. fixed table and milling head

Switch cabinet weight

60 kg