

EN | PROFORM X3, PROFORM X5

Proform series

**Simple design  
without compromises**



Proform series

## Reliable and efficient production with CNC machines Proform

### PROFORM X3 PROFORM X5

The basic design of the machine is made of welds from sheet metal cinders that are subsequently annealed to reduce internal strains, and machined.

The characteristic feature is a portal (bridge) construction of the cross-member with clamped driving servomotors of the X axis (gantries) on both sides.

#### → Introduction

Standard and Optional equipment

Technical Specifications

Technological Solutions



## Features

- **3 or 5-axis** woodworking centres
- Height of the workpiece up to **650 mm**
- Motor power up to **12 kW**
- **27"** Touchscreen control panel
- Portal (bridge) construction

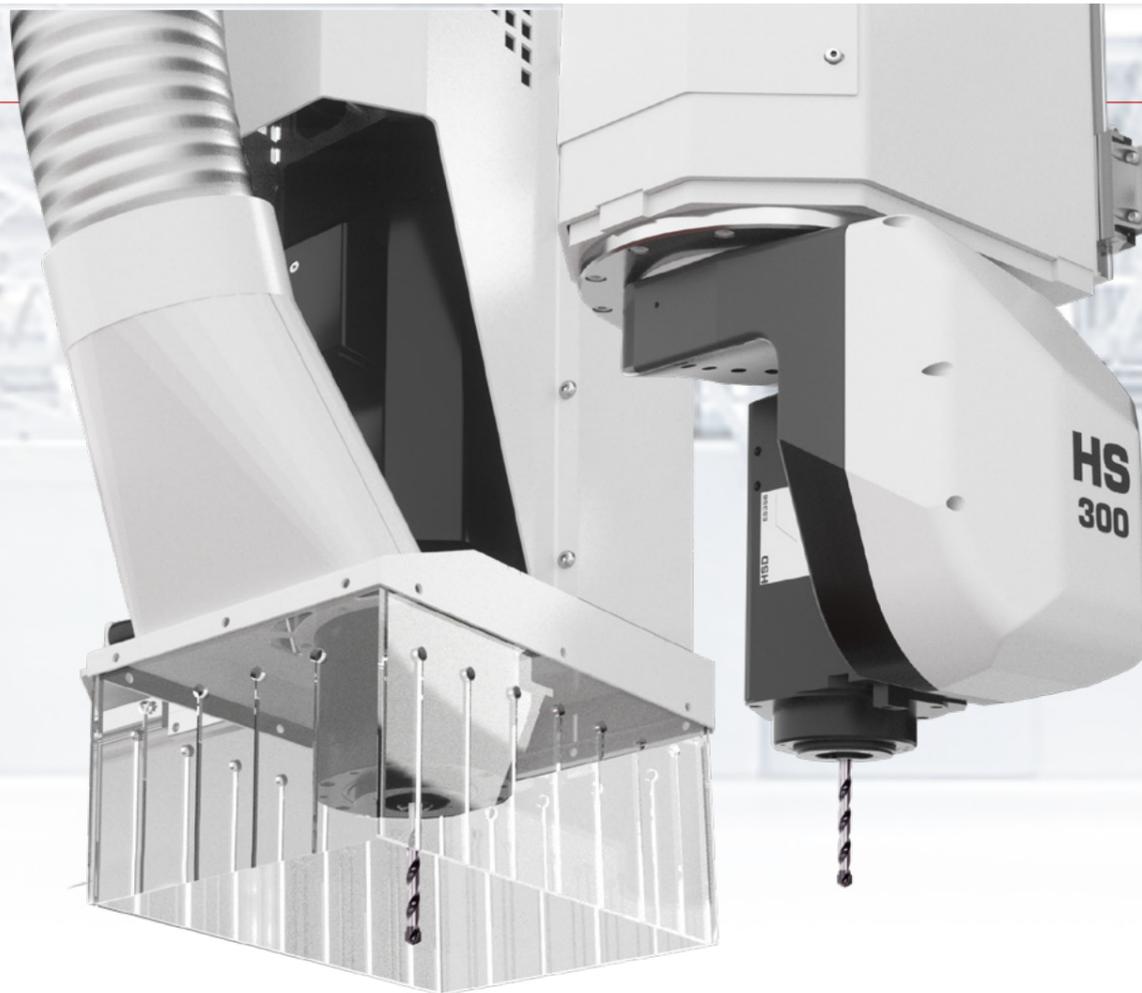
## Applications

- Designed for production of intricate furniture components and wooden or Styrofoam models for metal foundries

Proform series

## 3 or 5-Axis spindles HSD for greater productivity

**PROFORM X3**  
**PROFORM X5**



### Drill unit X3

- Electrospindle for X3
- Liquid cooling
- Ceramic bearings
- Max. 24.000 rpm
- Cone HSK 63F



### Drill unit X5

- Two axis head for X5
- Liquid cooling
- Max. 20.000 rpm
- Cone HSK 63F

Introduction

→ **Highlights**

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Proform series  
**Wide variety of solutions and options**

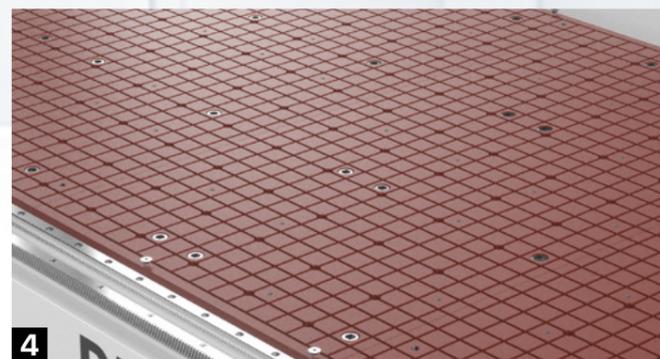
**PROFORM X3**  
**PROFORM X5**



1



2



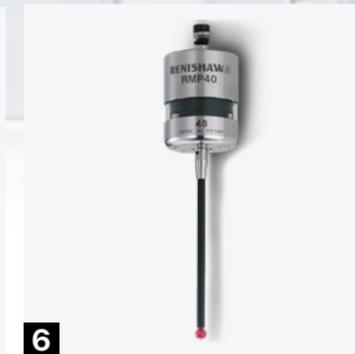
4



3



5



6



7

1. CONTROL PANEL
2. FIXED INSTRUMENT CHAMBER
3. VACUUM PUMP
4. RASTER DESK
5. AUTOMATIC CENTRAL GREASING ( OPTIONAL )
6. WORKPIECE PROBE ( OPTIONAL )

7. TOOL PROBE ( OPTIONAL )

**Standard equipment**

- Liquid cooled main milling electrical spindle
- Smooth desk type - R
- Raster desk type - G
- T - Slot desk type - T
- Fixed instrument chamber
- Manual lubrication
- Safety equipment
- Manual Controller

**Optional equipment**

- Automatic central greasing 1,5 l
- Extension of the X axis stroke max. to 6000 mm
- Auxiliary pressure fittings
- Auxiliary vacuum fittings
- Vacuum pump 130 - 250 m<sup>3</sup> / h
- The tool probe TS27R
- The workpiece probe RMP40
- External tool blowing
- External tool cooling
- Linear wiring cover

Introduction

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→ **Standard and Optional equipment**

Technical Specifications

Proform series

# Technical Specifications

## PROFORM X3 PROFORM X5

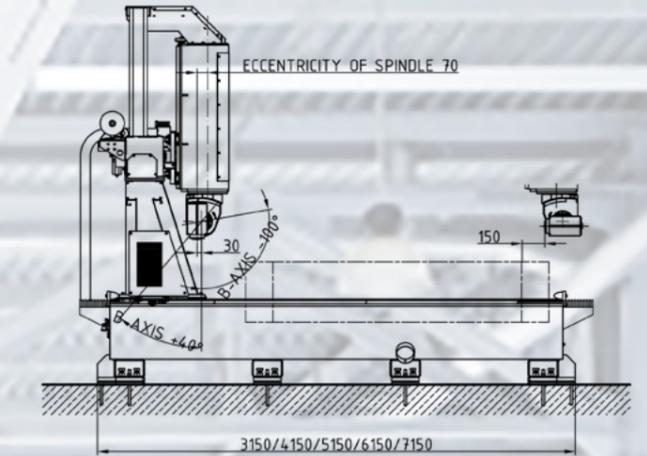
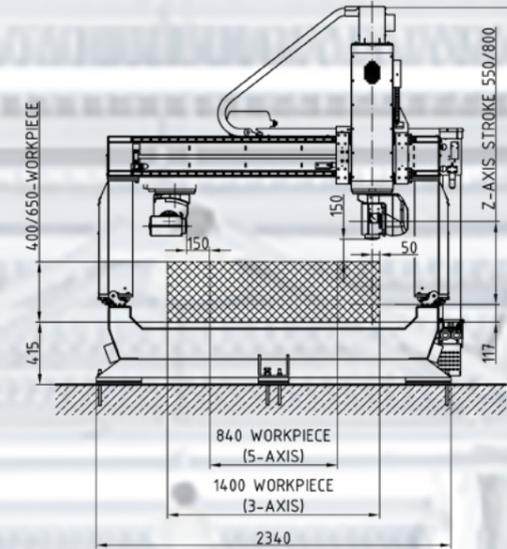
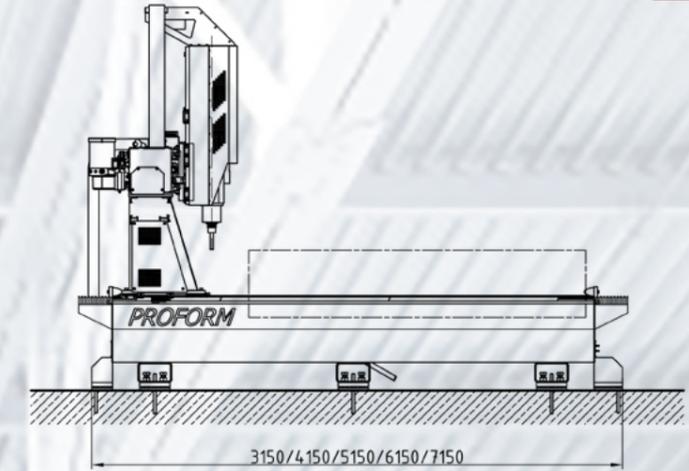
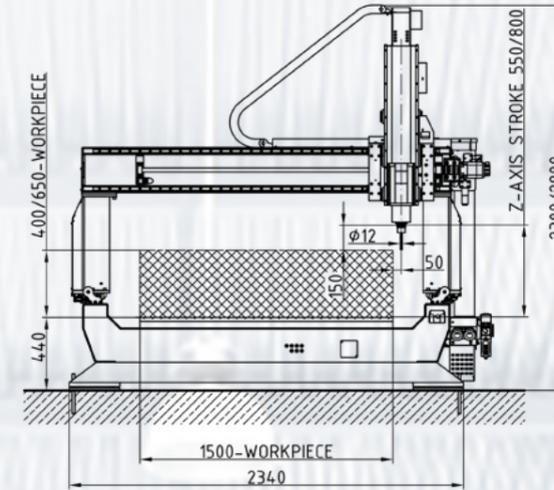
PROFORM		X3	X5
Max. workpiece dimensions in X, Y, Z axis	mm	2000 x 1500	2000 x 1400
Max. working lifts in X, Y, Z axis	mm	2250 / 1600 / 550	
Max. tool diameter	mm	150	
Rapid traverse - X, Y, Z axis	m/min	50 / 30 / 30	
Spindle performance	kW	9 / 12 (S6)	13
Max. rpm	rpm	24 000	20 000
Vacuum pump	m <sup>3</sup> /h	130 - 250	
Control system		MITSUBISHI FCA80U-M	

Introduction

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→ **Technical Specifications**



CNC Centres  
**CNC Woodworking  
 Centres HOUFEK**

HOUFEK CNC Centres are very productive, universal and their best features are reliability and precision machining. You can also rely on the high rigidity of their construction.



**WOOD**

ORION X3



ORION X5



MERCURY PLUS



SCORPION H21



**ALUMINIUM**

**PLASTICS**

**COMPOSITE**

**WOOD**

PROFORM X3



PROFORM X5



PROMAX



FENIX



TITAN





**We export to 45 countries  
worldwide.  
Our machines run also  
in overseas states.**



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