

Technical Data Sheet

45473 Mülheim an der Ruhr, 19.12.2019

Soraluce FX 2400

The Soraluce floor type milling, turning, and boring center stands for flexibility, productivity, and maximum precision. Our machine hallmarks rigidity, dynamics and offers high productivity and is used for machining large parts with heavy unit weights.



The advantages are:

- Machining of large parts in pendulum mode
- Machine for large workpieces with precision
- Low foundation costs thanks to the extremely low zero point
- User-friendly and innovative technology
- Year of construction: 2008

The processing capacities are:

Travel range X-axis (lengthwise)	24,000 mm
Travel range Y-axis (vertical)	4,800 mm / 5,300 mm
Travel range Z-axis (crosswise)	1,600 mm
Travel range W-axis	2,500 mm
NC rotary table	4,000 mm x 3,500 mm
Single weight of the workpiece	150 tons on clamping table 100 tons on rotary table

The features of the machine are:

- Low zero point
- Can be equipped with clamping tables of different sizes
- NC rotary and travelling table, which can be used for clamping devices of any kind
- Universal milling head for machining at any desired angle
- Universal milling head with clamping of the main spindle for turning – T-design
- Fully automatic milling head changing system or quill/milling head changing system
- Main spindle motor with a 37 kW SIEMENS - engine.
- INA linear guiding systems with hydro mechanical damping slides
- Continuously adjustable and manually operated crosshead 0 / 360° with tool holder SK 50 and lead-out C6 (brand Benz)
- inside and outside cooling system
- chip conveyor

Milling head types	Universal milling head Horizontal milling attachment
Automatic stepless milling head	Infinitely variable, with 2.5° pitch
Quill / milling head changing system	Fully automatic by an adapter plate system with four zero-point clamps
Changing time for quill / milling head changing system	About 90 seconds
Tool holder	SK 50
Drive capacity	37 kW at 100% ED

Torque	1,410 Nm
Speed range	Up to 4,000 min ⁻¹
Electrical equipment	400 Volt ± 10%, 50 Herz (Euronorm)
Travel speeds	25,000 mm/min
Feed force	up to 35,000 N
CNC controller	Heidenhain iTNC 530
Electronic hand wheel	with cable or radio wave
Coolant system	by spray ring and IKZ up to 70 bar
Coolant type	Coolant / air