

C 50 UP

PW 2000 + Additional magazines

C 50 UP

PALLET CHANGER PW 2000

TO BE EXTENDED TO A FLEXIBLE MANUFACTURING CELL

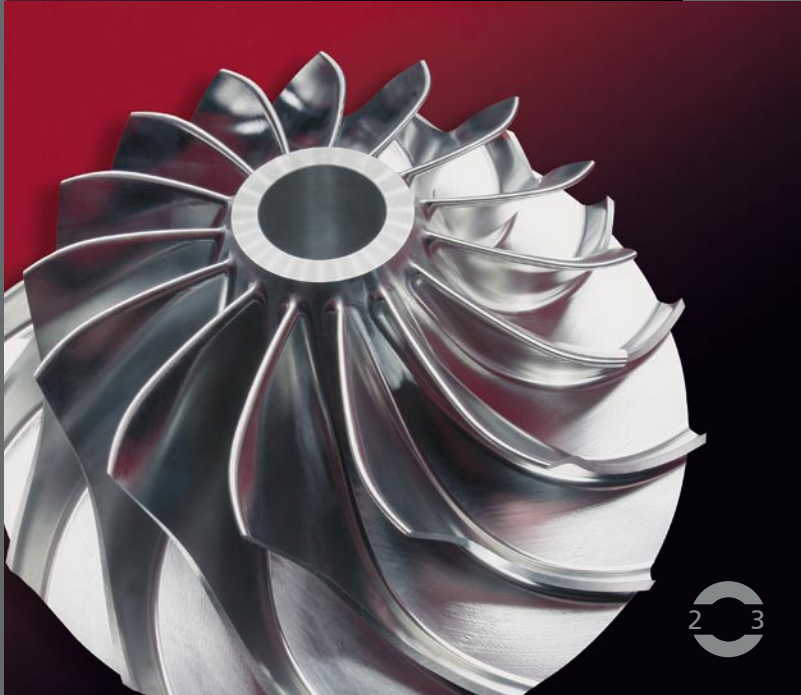
TRANSPORT OF COMPLETE MACHINE WITHOUT DISASSEMBLY

WIDE ACCESS DOORS TO THE WORKING AREA

With pallet changer systems in several different sizes, we are setting new standards for setup in parallel to production with our highly dynamic 3-axis, 4-axis, and especially 5-axis machines. Increased productivity through additionally adaptable storage systems. The pallet changing system PW 2000 was specially designed for the C 50 U dynamic and is able to handle transport weights up to 2000 kg per side including pallet.

The system consists of an NC-controlled traversing unit and a rotary element with double gripper. The generously dimensioned access doors (on the front and side) allow for ergonomic access to the working area and machine setup station for the machine operator. The pallet changing system is shipped without being disassembled and is adapted to the machine.





Pallet changer

PW 2000

Technical data of the standard machine C 50 U dynamic

Working area

Traverse X-Y-Z 1000-1100-750 mm

Rapid linear traverse X-Y-Z

60-60-55 m/min

Linear acceleration X-Y-Z

6 m/s²

Main spindle drive

Speed 18000 rpm.

Torque up to 240 Nm

Main power up to 39 kW

Speed 9000 / 12000 rpm.

Torque up to 380 Nm

Main power up to 60 kW

Control unit

Heidenhain iTNC 530

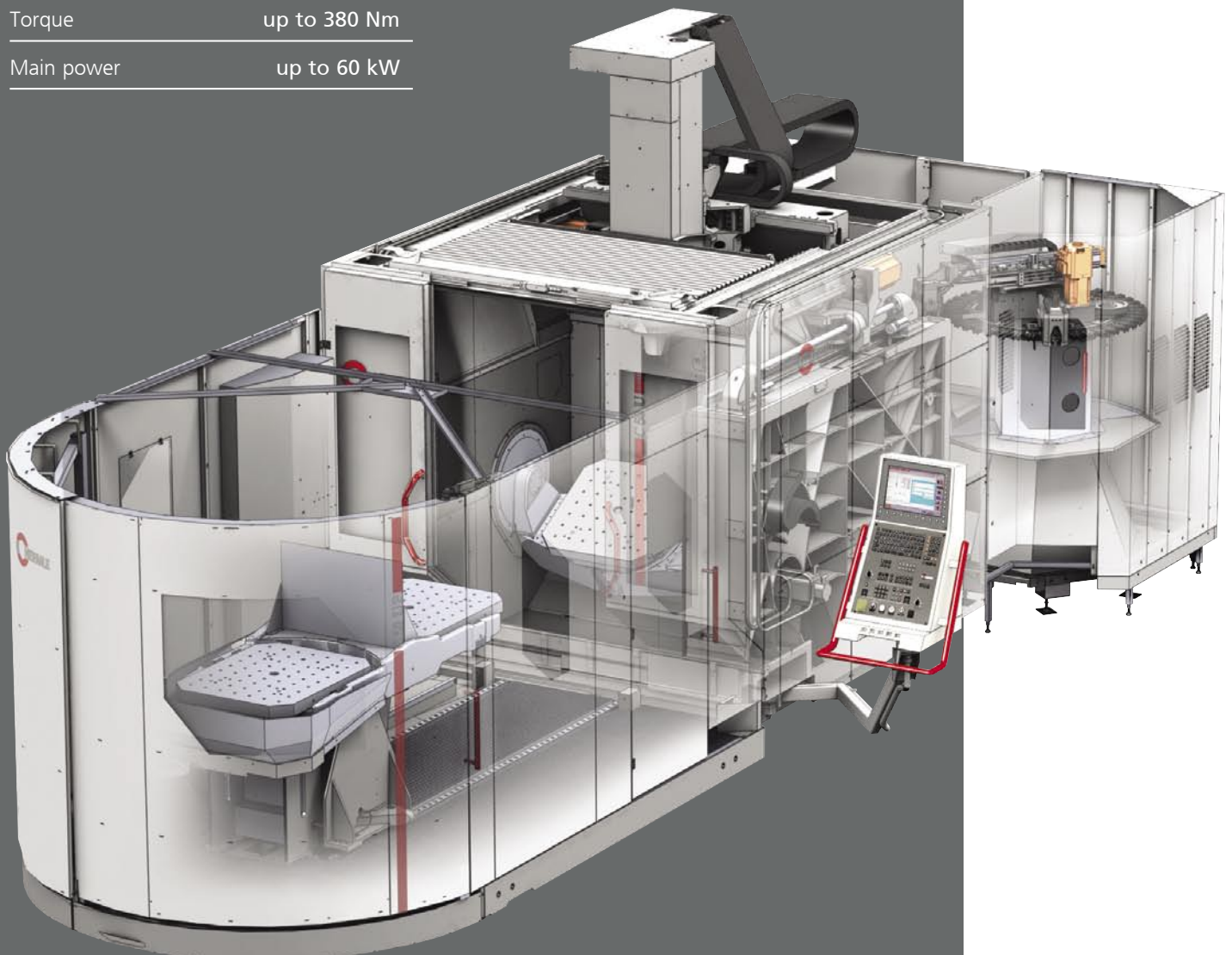
Siemens S 840 D

NC-controlled swivelling rotary table

Clamping surface + 30° / -115°

Speed - swivelling axis A 20 rpm.

Speed - rotary axis C 30 rpm.





Pallet changer PW 2000

Pallet dimensions 800 x 800 / Ø 1000 mm

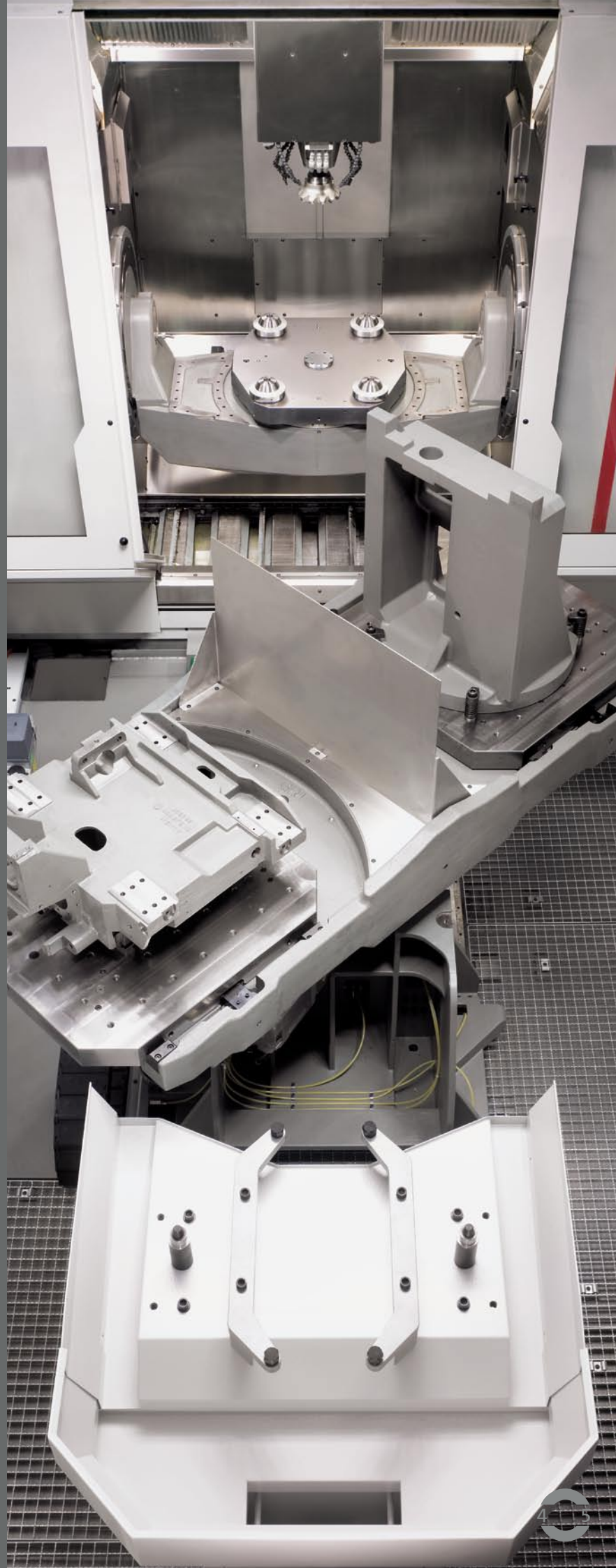
1000 x 800 / Ø 1166 mm

Number of pallets without storage 2 pallets

Number of pallets with storage 21 pallets

Transport weight per side including pallet
max. 2000 kg

Repeating accuracy < 0,01 mm



Additional magazines

PICK-UP MAGAZINE

INTEGRATION INTO THE MACHINE BASE (standard magazine)

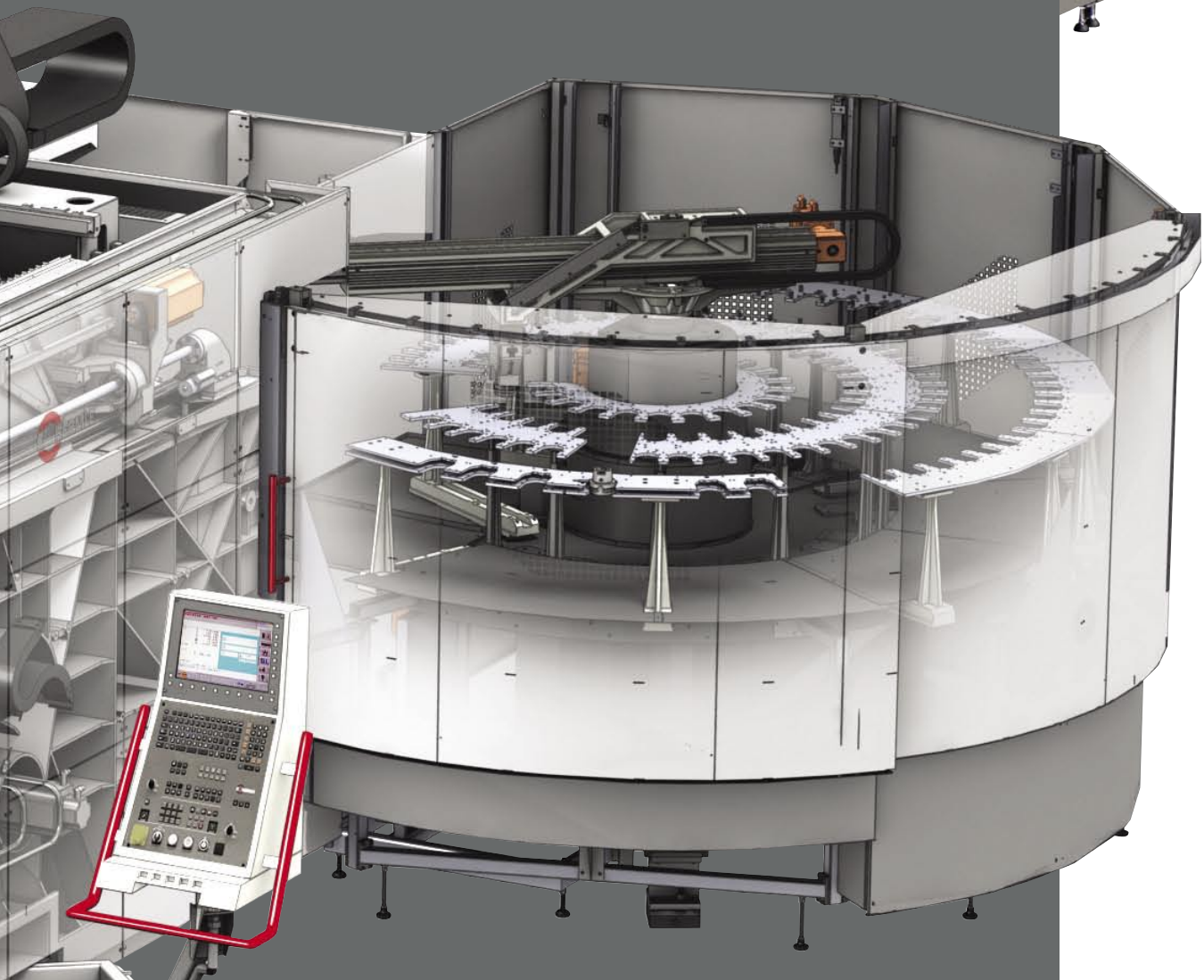
VERY GOOD ACCESSIBILITY

ADDITIONAL CONTROL PANEL

COVERS FOR THE SPINDLE TAPERS

Additional magazines for complex machining processes

- Own tool management software integrated in the control
- Adapted to magazine loading point
- Up to six loading points for fast loading of the magazines ZM 124 und 162





Tool changer (Pick-up)

Interface:	SK 40 / HSK A 63	SK 50 / HSK A 100
Magazine pockets (standard):	60	42
Maximum tool length:	430 mm	430 mm
Maximum tool diameter:	Ø 160 mm	Ø 250 mm
Maximum tool weight:	15 kg	30 kg
Maximum magazine load:	480 kg	462 kg
Additional magazine:	max. 41 pockets	-
Additional magazine:	-	max. 124 pockets
Additional magazine:	max. 162 pockets	-



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The information in this leaflet only contains general descriptions or performance characteristics which in a real application do not always meet the description or which may change by further development of the products.
The requested performance parameters shall be binding only, if they are explicitly agreed within the sales contract.



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