



baseline

The new line

- Proven top technologies
- Focussed on the essentials
- Productive and reliable
- Readily available



The competitive edge is built-in ...

Cost efficient and fast manufacturing

+ Readily available
 + Inexpensive
 + High productivity
 + CHIRON Service
 = **BASELINE!**



FZ12 FX baseline

The FZ12 FX BASELINE is among the best machining center of its class in terms of speed, compact construction and versatility of use.



FZ15 W baseline

The FZ15 W BASELINE has enormous ability for high milling capacity and is among the best machining center of its class in terms of speed, compact construction, stability and reliability.



MILL FX ⁸⁰⁰ baseline

The Mill800 FX BASELINE offers optimal conditions for highly productive cutting and accurate machining capabilities. One of the machines many unique strengths is its high milling capacity, while offering stability, reliability and little maintainan

- Technologies
- Travel X–Y–Z
- Spindle power
- Max. number of tools
- Tool taper
- Control

Five axis with
 2-Axis Tilt Rotary Table
 550–400–360 mm
 40 kW
 48
 HSK 50
 Siemens 840D sl

Basket Tool Changer
 workpiece changing device
 550–400–425 mm
 14 kW
 20
 SK 40 or HSK 63
 Siemens 840D sl

Five axis with
 2-Axis Tilt Rotary Table
 800–630–550 mm
 22.5 kW
 40
 SK 40 or HSK 63
 Siemens 840D sl



Market leaders trust us.

CHIRON is an experienced partner
in various industries.

- Aerospace
- Automotive
- Mechanical Engineering
- Medical
- Precision Technology

Seconds ahead



FZ12 FX **baseline**

Fast and compact precision machining center
for economical 5-axis complete machining

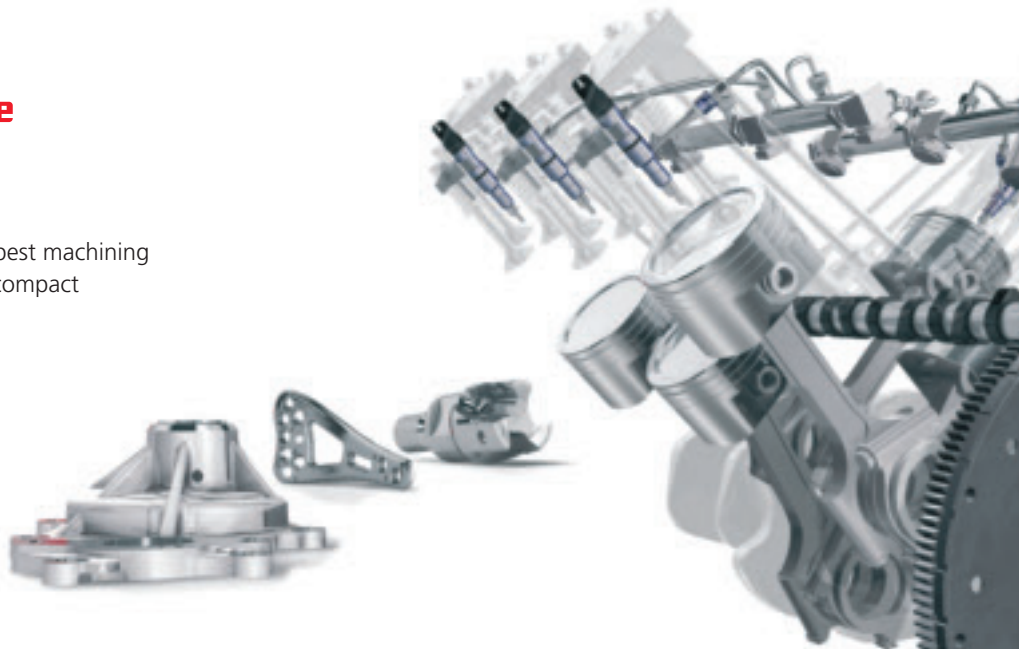
FZ12 FX **baseline**

Precision in one set-up

The FZ12 FX BASELINE is among the best machining center of its class in terms of speed, compact construction and versatility of use.

Range of applications:

- Aerospace
- Automotive
- Mechanical Engineering
- Medical
- Precision Technology



2-axis swivel rotary table for economical complete machining with five simultaneously controlled axes.
Max. workpiece dimension: \varnothing 610 x 200 mm / swing diameter: \varnothing 650 mm



Automatic tool change with the pick-up method as fast as 0.9 s (48 tool places).

Your advantages:

- Vertical traveling column principle
- Compact installation area (width 2,100 mm x depth 3,200 mm)
- Mineral cast machine bed
- High rigidity and thermal stability
- Highest precision in positioning and simultaneous operation
- Dynamic direct drives and precision guides
- Integrated CHIRON 2-axis swivel rotary table with direct measuring systems
- Fourth axis with a pivoting range of up to $\pm 120^\circ$
- 5th axis with TORQUE drive
- Ergonomic operating and loading concept
- Service friendly access to all auxiliary units
- High durability, low maintenance
- Machine tool construction "Designed and Made in Germany"

Technical data:

- | | |
|-----------------------------------|---------------------------|
| ■ Travel X-axis | 550 mm |
| ■ Travel Y-axis | 400 mm |
| ■ Travel Z-axis | 360 mm |
| ■ Maximum electrical power | 40 kW (25% ED) |
| ■ Maximum spindle speed | 15,000 rpm |
| ■ Chip-to-chip time starting | 2.2 s (Control Dependent) |
| ■ Maximum axis acceleration X-Y-Z | 1-1.5-2 g |
| ■ Rapid feed as fast as | 75 m/min |
| ■ 2-Axis Tilt Rotary Table | CASD \varnothing 280 mm |
| - Swivel range | $\pm 120^\circ$ |
| ■ Maximum number of tools | 48 |
| ■ Tool taper | HSK A-50 |
| ■ Maximum tool diameter | 125 mm |
| ■ Maximum tool length | 250 mm |
| ■ Control | Siemens 840D sl |

Attractive financing offers (e.g. zero funding) by our leasing partner.

CHIRON-WERKE GmbH & Co. KG
Kreuzstrasse 75, 78532 Tuttlingen, Germany, Phone +49 7461 940-0

Seconds ahead



   **FZ15 W** *baseline*

Fast precision machining center
with basket tool changer and integrated
workpiece changing device 0°/180°

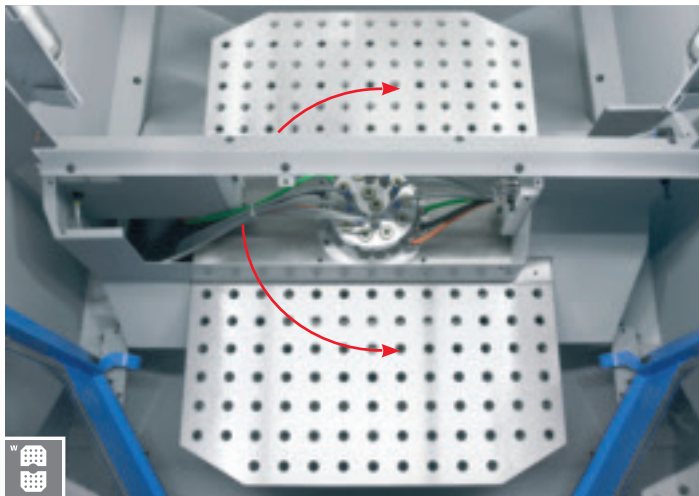
FZ15 W **baseline**

Reliable technology and high precision as a foundation

The FZ15 W BASELINE has enormous ability for high milling capacity and is among the best machining center of its class in terms of speed, compact construction, stability and reliability.

Range of applications:

- Aerospace
- Automotive
- Mechanical Engineering
- Medical
- Precision Technology



Workpiece changing device with table loading up to 320 kg per side and large clamping surfaces up to 2 x 940 x 520 mm, borehole pattern, central distribution for power supply lines.



CHIRON basket tool changer with 20 tool places (SK 40 or HSK 63). High productivity due to chip-to-chip times as short as 2.1 s.

Your advantages:

- Vertical traveling column principle
- Compact installation area (width 1,620 mm x depth 3,620 mm)
- Mineral cast machine bed
- High rigidity and thermal stability
- Dynamic direct drives and precision guides
- Loading and unloading with tool changing device during machining
- Fast basket tool changer
- Fully enclosed work area, stainless steel covers
- Ergonomic operating and loading concept
- Service friendly access to all auxiliary units
- High durability, low maintenance
- Machine tool construction "Designed and Made in Germany"

Technical data:

| | |
|------------------------------|-------------------|
| ■ Travel X-axis | 550 mm |
| ■ Travel Y-axis | 400 mm |
| ■ Travel Z-axis | 425 mm |
| ■ Maximum electrical power | 14 kW (15% ED) |
| ■ Maximum spindle speed | 10,500 rpm |
| ■ Chip-to-chip time starting | 2.1 s |
| ■ Rapid feed as fast as | 40 m/min |
| ■ Maximum number of tools | 20 |
| ■ Tool taper | SK 40 or HSK A-63 |
| ■ Maximum tool diameter | 175 mm |
| ■ Automatic workpiece change | from 1.9 s |
| ■ Control | Siemens 840D sl |

Attractive financing offers (e.g. zero funding) by our leasing partner.

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Seconds ahead



   **MILL FX 800** **baseline**

Fast and compact precision machining center for 5-axis simultaneous and complete machining in one set-up

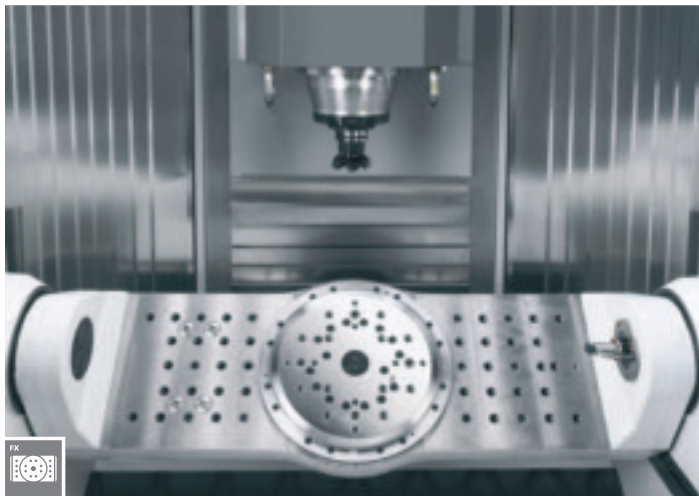
MILL FX 800 baseline

Complete machining with CHIRON Five axis

The Mill800 FX BASELINE offers optimal conditions for highly productive cutting and accurate machining capabilities. One of the machines many unique strengths is its high milling capacity, while offering stability, reliability and little maintenance.

Range of applications:

- Aerospace
- Automotive
- Mechanical Engineering
- Medical



2-axis swivel rotary table for economical complete machining with five simultaneously controlled axes.
Max. workpiece dimension: Ø 940 x 430 mm / swing diameter: Ø 780 mm



Automatic tool change with the pick-up method as fast as 1.5 s (40 tool places).

Your advantages:

- Vertical traveling column principle
- Compact installation area (width 5,400 mm x depth 2,700 mm)
- High rigidity and thermal stability
- Highest precision in positioning and simultaneous operation
- Simple loading with lifting gear (cranes, lift trucks, etc.)
- Integrated CHIRON 2-axis swivel rotary table with direct measuring systems
- Fourth axis with a pivoting range of up to $\pm 120^\circ$
- 5th axis with TORQUE drive
- Fully enclosed work area, stainless steel covers
- Ergonomic operating and loading concept
- Service friendly access to all auxiliary units
- High durability, low maintenance
- Machine tool construction "Designed and Made in Germany"

Technical data:

- | | |
|---|----------------------------------|
| ■ Travel X-axis | 800 mm |
| ■ Travel Y-axis | 630 mm |
| ■ Travel Z-axis | 550 mm |
| ■ Maximum electrical power | 22,5 kW (10% ED) |
| ■ Maximum spindle speed | 12,000 rpm |
| ■ Chip-to-chip time starting | 5 s |
| ■ Rapid feed as fast as | 40 m/min |
| ■ 2-Axis Tilt Rotary Table - Swivel range | CASD Ø 280 mm $\pm 120^\circ$ |
| ■ Maximum number of tools | 40 |
| ■ Tool taper | SK 40 or HSK A-63 |
| ■ Maximum tool diameter | 160 mm |
| ■ Maximum tool length | 320 mm |
| ■ Control | Siemens 840D sl |

Attractive financing offers (e.g. zero funding) by our leasing partner.

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