

Chiron FZ 12 S five axis + Automation



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|----------------|---------------------------------------|
| Product code | 92-000595 |
| Manufacturer | Chiron |
| Model | FZ 12 S five axis + Automation |
| Type | 5-Axis machining center |
| Condition | DEMO MACHINE |
| Control | Siemens 840 D SL |
| Year of manuf. | 2024 |

Spindle

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|---------------|-------------|
| Speed | 15,000 rpm |
| Power | 40 kW |
| Taper | HSK-A 63 |
| Tool magazine | 32 Stations |

Working area

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|------------|--------|
| Movement X | 550 mm |
| Movement Y | 400 mm |
| Movement Z | 400 mm |

A-axis

| | |
|-----------------|---------|
| Swivel angle | +/- 120 |
| System accuracy | +/- 5" |
| Speed | 50 rpm |

C-axis

| | |
|------------------|--------------|
| Clamping surface | 280 mm |
| System accuracy | +/- 5" |
| Technology | Torque-motor |
| Speed | 200 rpm |

Automation

| | |
|-------------------|---|
| Robot Type | FANUC M-20iD/35 |
| Maximum Payload | 35 kg |
| Maximum Reach | 1,813 mm |
| Gripper Exchange | Interface for quick manual gripper exchange |
| Gripper System | Type |
| Workpiece Gripper | Prepared for the attachment of a pneumatic workpiece gripper |
| Blow-off Device | Prepared for workpieces including a controlled pneumatic connection |
| Turning Station | Designed as a storage station |

Workpiece storage

Capacity 3 drawers (1,100 x 570 mm), 300 kg each
Maximum workpiece size (diameter x height) 250 mm x 120 mm

