

CNC lathe R-Turn CNC



T e c h n i c a l D a t a s h e e t

- Linear guides for increased speeds
- Massive cast iron bed ensures high machine stability, absorption of vibrations and long-lasting machine accuracy
- 2-step gear transmission with automatic engagement
- Optional live tooling and C-axis provides various tool capacities and fast tool positioning
- Optional steady rest maintains high precision for long workpieces
- Siemens controller is available

Standard configuration:

- ✓ Fanuc CNC Oi-TD
- ✓ Hydraulic chuck Ø300 mm
- ✓ Toolpost
- ✓ Axial tool holder
- ✓ Adapter sleeves
- ✓ 12-pos. hydraulic tool turret
- ✓ Programmable control system for tailstock
- ✓ Tailstock quill
- ✓ Cooling system
- ✓ Coolant tank
- ✓ Mounting bolts and machine feet
- ✓ Automatic central lubrication system
- ✓ Signal light
- ✓ Foot pedal for hydraulic chuck clamp/release operation
- ✓ 2-step gearbox
- ✓ Auxiliary service tool kit
- ✓ Set of hard jaws for 3-jaw chuck
- ✓ Set of soft jaws for 3-jaw chuck
- ✓ Voltage transformer
- ✓ Conveyor
- ✓ Operation manual

Technical specifications		R-Turn 315/1890 CNC	Technical specifications		R-Turn 315/1890 CNC
CNC		Fanuc Oi-TD	Motors		
Working area			Coolant pump	kW	0.96
Swing over bed	mm	Ø630	Hydraulic pump	kW	2.25
Max. workpiece diameter	mm	Ø510	Chip conveyor	kW	0.2
Swing over carriage	mm	Ø455	Power of X-axis motor	kW	4
Center-to-center distance	mm	1890	Power of Z-axis motor	kW	4
Max. workpiece length	mm	1526	Tool changer		
X-axis travel	mm	290	Tool changer type		hydraulic turret
Z-axis travel	mm	1590	Tool-to-tool changing time	Sec	1.5
C-axis travel	degr	360° (0.001°)	Number of positions	pc	12
Slant bed inclination angle		45°	Tool shank	mm	25x25, Ø40
Main spindle			Tailstock		
Spindle bore with hydraulic chuck	mm	Ø90	Quill diameter	mm	Ø125
Spindle bore	mm	Ø105	Tailstock quill travel	mm	120
Main spindle power(const./30 min. after start)	kW	22/26	Tailstock quill taper	mm	MT 5
Spindle speed	rpm	50–2500	Weight and dimensions		
Spindle nose		A2–8	Power consumption	kW	30
Turning chuck diameter	mm	Ø300	Overall dimensions (LxWxH)	mm	5325x1950x2200
Feed rate			Weight	kg	9770
X-axis rapid traverse	m/min	20	Item-No.		1630048
Z-axis rapid traverse	m/min	20			



*The above specifications are subject to change without prior notice, no liability for printing mistakes. Machine may be shown with optional equipment.