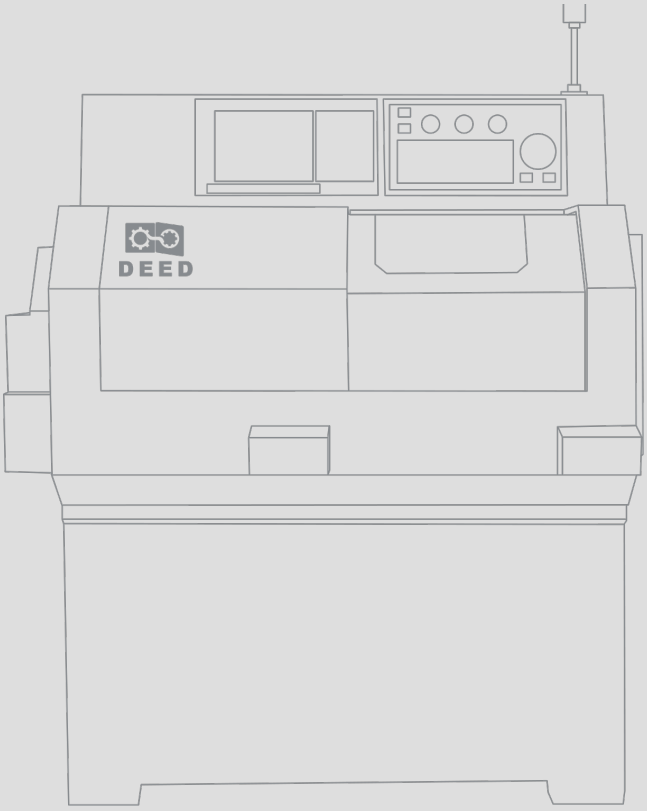
DEED BENELUX

CNC30 SERIES

GANG TYPE CNC LATHE

ADVANCED GERMAN TECHNOLOGY WITH THE STRENGTH OF CHINESE MANUFACTURING



COMPANY PROFILE



Shandong Deed Precision Machine Tool Co., Ltd. is a high-end equipment enterprise integrating R&D, production and sales of high-end CNC machine tools, located in Yanzhou District, Jining City. The company takes high-speed vertical machining center, large scale gantry machining center, high-efficiency drilling & tapping machining center, high-precision turning center, high-precision five-axis linkage machining center, horizontal milling & boring machining center and horizontal machining center as the leading products, and serves a wide range of key industries such as aviation, aerospace, military, shipbuilding, automobile, construction machinery, rail transit, 5G, precision mold and others, both in the domestic and overseas markets. The company vigorously implements the development strategy of “going out and bringing in”, and has reached a comprehensive strategic cooperation with the well-known German CNC machine tool manufacturing enterprise ROTTLER to jointly develop high-grade precision machine tools of the world’s leading level and jointly explore the global high-end market. Establishing a high-end machine tool R & D center and manufacturing base in Germany - “Hipreed Technology GmbH”, fully implementing international operations and achieving the perfect combination of German technology and Chinese manufacturing. The company has five domestic and foreign R & D centers, with six provincial and municipal innovation platforms, with comprehensive R & D, experiment, testing, manufacturing advantages of high-grade machine tool research and development, new material development, advanced technology testing and reliability improvement. Through continuous innovation and breakthrough, it has undertaken 25 key government science and technology projects, obtained more than 200 intellectual property rights of various types, 15 scientific and technological achievement awards, and is in a leading position of the overall development and innovation ability in the industry. With strong technology and innovation advantages, the company has passed the ISO9001 quality management system certification, ISO14001 environmental management system certification and ISO45001 occupational health and safety management system certification. It has won more than 80 key awards such as the “National High-Tech Enterprise”, “National Specialized New Little Giant Enterprise”, the highest award of China’s machine tool industry the “ Spring Swallow Award”, “ Top 10 Product Quality of China’s Machine Tool Industry”, and “Chinese Machinery Industry Science & Technology Progress 2nd Award “ etc.

CATALOG

5 CNC30 gang type CNC lathe

6 Product advantages

7 Processing cases

8 Technical parameters

9 Configurations







Typical workpieces: small and medium-sized precision turned parts.

DEED BENELUX



CNC30 SERIES

GANG TYPE CNC LATHE

High precision, high rigidity, compact

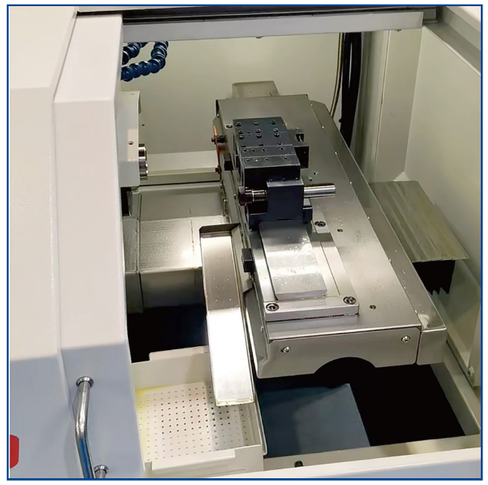
For small and medium-sized precision parts

PRODUCT OVERVIEW

The CNC30 is a high-precision, high-rigidity compact CNC lathe that meets the demand for efficient machining of small and medium-sized precision parts in industries such as micro-motors, electronics, telecommunications, connectors and instrumentation. Its advanced machine structure offers clear advantages in precision, rigidity and service life.

PRODUCT ADVANTAGES





- Spindle
  3.7 kW spindle motor, max. 6000 rpm. A dedicated assembly process keeps heat generation low at high speed.
- Fast axes
  X/Z rapid traverse of 18 m/min reduces non-cutting time to a minimum.
- Gang tool post
  Tools arranged side by side take little space, allow many tools and give fast tool changes. Driven tools can be added for complex parts.
- Precision linear guides
  No stick-slip at low speed and low friction compared with sliding guides, for a true positioning resolution of 1 μm per pulse.
- Stable drive train
  Minimal vibration throughout the machine, for excellent roundness and surface finish.
- FANUC 0i-TF Plus
  Easy and safe operation with stable machining precision and high efficiency.

PROCESSING CASES



















TECHNICAL PARAMETERS

CNC30 gang type CNC lathe | standard configuration

Configuration / Model		Unit	CNC30
Processing range	Max. swing dia. over bed	mm	Ø240
	Max. turning dia.	mm	Ø100
	Max. turning length	mm	100
	Max. bar passing dia.	mm	Ø30
Spindle	Max. spindle speed	rpm	6000
	Spindle center height	mm	60
	Rated power	kW	3.7
Rapid traverse	X axis	m/min	18
	Z axis	m/min	18
Travel	X axis	mm	260
	Z axis	mm	200
Tool	External turning tool	mm	13×13
	Boring tool dia.	mm	Ø20
Accuracy	Positioning accuracy	mm	0.005
	Repeatability	mm	±0.003
Machine	Machine weight	kg	1250
	Dimensions (L × W × H)	mm	1309 × 1198 × 1530

* Values shown apply to the standard configuration. Options are available on request. The parameters are subject to the technical agreement.

Thanks to our direct contact with the factory, additional options and custom-made solutions are possible.
Please ask about the possibilities.

CONFIGURATIONS

Standard configuration

No.	Standard Configuration	No.	Standard Configuration
1	FANUC 0i-TF control system	6	Electric cabinet heat exchanger
2	Main motor	7	Working light
3	Servo feed motors	8	Sheet metal guarding
4	Mechanical spindle	9	Lubrication system
5	Hydraulic system	10	Coolant system (pump, water tank)

Options



COLLET

Ø2, Ø4, Ø6, Ø8, Ø10, Ø12, Ø14, Ø16, Ø18, Ø20, Ø22, Ø24



AUTOMATIC BAR FEEDER

1.5 m

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NOTES

CNC-SUPPLY
The World of Manufacturing

