

QK1327 Cnc Pipe Threading Machine Flat Bed Lathes High Precision

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Luyoung
- Certification: CE
- Model Number: Q1327
- Minimum Order Quantity: 1
- Price: USD31000-40000
- Packaging Details: non-fumigation wooden box
- Delivery Time: 45 working days
- Payment Terms: T/T
- Supply Ability: 100sets



Product Specification

- Key Words: Flat Bed CNC Lathe Machine
- Usage: High Precision CNC Lathe
- Pipe Threading Range: 50-220
- Chuck: $\phi 630/4$ -jaw Manual
- Highlight: **QK1327 cnc pipe threading machine, China cnc pipe threading machine**



More Images



Product Description

QK1327 1500mm model cnc pipe threading machine flat bed lathes



SPECIFICATION S	Units	Q1319	Q1322	Q1327
Swing over bed	mm	630/800	630/800	1000
Swing over cross slide	mm	340/520	340/520	610
Distance between centers	mm	1500/3000	1500/3000	1500/2000/3000
Pipe threading range	mm	50-193	50-220	Ø130-270
Guideway width	mm	550	550	755
Max. load capacity	kg	3000	3000	5000
Spindle bore	mm	200	230	Ø280
Spindle speed steps	-	/VF. 4 steps	/VF. 4 steps	12 steps
Spindle speed range	rpm	20-550	20-550	16-380
Chuck	mm	φ520/4-jaw manual	φ520/4-jaw manual	4-jaw manual/800
Turret/tool post	-	/Manual 4 position	/Manual 4 position	Manual 4 position
Tool shank size	mm	32 x 32	32 x 32	40x40
X axis travel	mm	320/420	320/420	520
Z axis travel	mm	1350/2850	1350/2850	1310/2810

X axis feed steps/range	mm/r	22/0.02-0.45	22/0.02-0.45	64/0.05-12.15
Z axis feed steps/range	mm/r	26/0.07-1.33	26/0.07-1.33	64/0.1-24.3
X axis rapid traverse	mm/min	2300	2300	1870
Z axis rapid traverse	mm/min	4000	4000	3740
Metric thread kinds /range	mm	1-15	1-15	30/1-30
Inch thread kinds /range	T.P.I	14-1	14-1	27/1-28
Tailstock quill diameter	mm	100	100	140
Tailstock quill taper	-	MT5	MT5	MT6
Tailstock quill travel	mm	250	250	300
Main spindle motor	kw	11	11	22
Rapid traverse motor	kw	0.3	0.3	1.5
Coolant pump motor	kw	0.125	0.125	0.125
Weight for 1500	kg	4300	4500	10.0t
Weight for 3000	kg	5500	5700	11.5t
Dimension for 1500	mm	3700x1550x1550	3700x1650x1550	4190/5690x1600
Dimension for 3000	mm	5200x1550x1550	5200x1650x1550	4190/5690x2100

A pipe thread lathe is a specialized machine used for processing internal and external threads on tubular workpieces. It has several characteristics and advantages. Here are its main features:

Main Features

Versatility

A pipe thread lathe can not only process internal and external threads of pipes but can also function as a conventional lathe, capable of machining shafts, discs, and other workpieces for external diameters, internal holes, and end faces.

Efficient Processing

When using a CNC pipe thread lathe, various straight pipes and tapered pipes can be machined efficiently, making it suitable for pipe fittings, rods, casings, and various types of pipelines.

Automation and Precision

Modern CNC pipe thread lathes have a high degree of automation, providing high-precision machining results. They are easy to operate and have a wide range of applications.

Structural Design

Many pipe thread lathes feature a large-span headstock structure that enhances the rigidity of the machine and improves the stability and efficiency of the spindle.

Low Noise and High Speed

These machines typically possess high spindle speeds and a wide speed adjustment range while operating with low noise levels, which is an important advantage for long working hours.

Wear Resistance Treatment

The machined workpieces often undergo nitriding treatment to improve their surface hardness and wear resistance, ensuring durability during use.

In summary, the pipe thread lathe is widely used in fields such as petroleum, chemical engineering, and mining due to its versatility, efficiency, automation, and excellent structural design.

The CNC pipe thread lathe has a wide range of applications across various industries, primarily including the following areas:

Main Application Scenarios

1. Oil and Gas Industry

CNC pipe thread lathes are widely used in the extraction and transportation of oil and gas, primarily for processing oil

pipelines, casings, and drill pipes. These pipes require high-precision internal and external threading to ensure the sealing and safety of connections.

2. Chemical Industry

In the chemical industry, CNC pipe thread lathes are utilized for machining connecting components of various chemical medium transport pipelines. These components often need to be corrosion-resistant, high-temperature resistant, and possess good sealing properties, making precise threading crucial.

3. Metallurgical Industry

In the metallurgical industry, CNC pipe thread lathes are used to manufacture and process various metal pipes, which are commonly used in high-temperature and high-pressure environments, such as boilers and heat exchangers.

In shipbuilding, CNC pipe thread lathes are employed to process various piping systems on ships, including cooling systems, fuel systems, and drainage systems, ensuring reliability in marine environments.

5. Aerospace

The aerospace sector also utilizes CNC pipe thread lathes to manufacture high-precision pipe components, which are typically used in fluid transport systems in aircraft and spacecraft, requiring higher strength and durability.

6. Automotive Industry

In automotive manufacturing, CNC pipe thread lathes are used to produce components such as exhaust systems and fuel delivery pipes that need good sealing properties and corrosion resistance to ensure vehicle safety and performance. These application scenarios illustrate the significant role that CNC pipe thread lathes play in modern manufacturing, with their efficient and precise processing capabilities making them indispensable equipment across multiple industries.



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