

High Precision Grinding Machine M1420x500 for Internal and External Grinding Max. Dia Ground Range 8-200mm and Performance

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Luyoung
- Certification: CE
- Model Number: M1420
- Minimum Order Quantity: 1
- Price: USD8000-15000
- Packaging Details: non-fumigation wooden box
- Delivery Time: 45 working days
- Payment Terms: T/T
- Supply Ability: 100sets

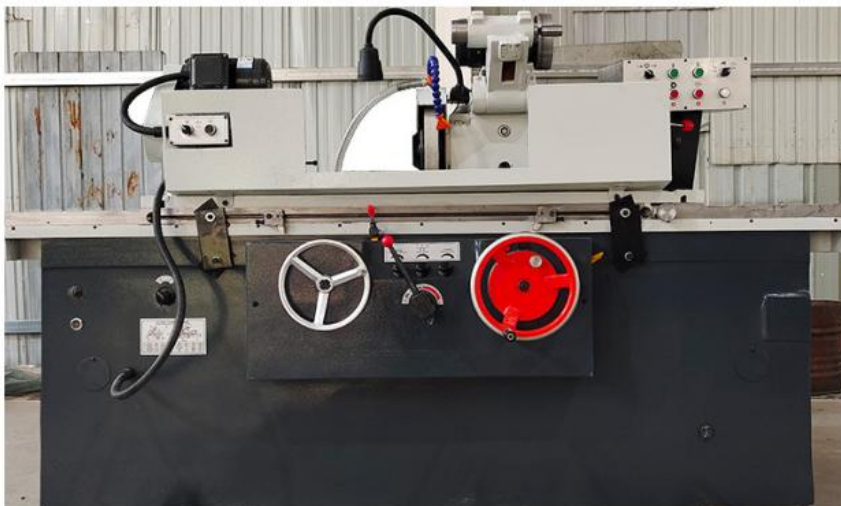


Product Specification

- Max.Dia Ground Range(OD): $\Phi 8-200$
- Max.Internal Dia Ground Range: $\Phi 13-80$
- Min.length Ground: 500mm
- Max.length Internal Grinding: 125mm
- Center Height: 125mm
- Highlight: precision grinding machine,
precision horizontal surface grinder,
grinding horizontal surface grinder

Product Description

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Specifications:

SPECIFICATIONS		Units	M1420x500
Capacity	Max.Dia ground range(OD)	mm	Φ8-200
	Max.Internal Dia ground range	mm	Φ13-80
	Min.length ground	mm	500
	Max.length internal grinding	mm	125
	Max.load weight between centers	kg	50
	Max workpiece swing diameter	mm	200
	Max.workpiece weight chuck	kg	15
	Center Height	mm	125
	Distance between two centers	mm	500
Worktable	Swivel angle (CW)	°	9/8/7/9/8/7
	Swivel angle (CCW)	°	9/8/3/9/8/3
	Infinitely variable hydraulic speed control	m/min	0.1~3
	Handwheel /revolution	mm	≈10
Workhead	Work head swiveling angle	°	CCW90
	Spindle taper		Morse No.4
	Speed range	rpm	63,125,250,500/30 300
Tailstock	Center travel/Manual	mm	≥23
	Center travel/Hydraulic	mm	≥15
Internal grinding tool	Internal grinding spindle speed	r/min	9245.12250.14848.19600

Motor	Compulsory lubrication motor	Kw	1.1 1500r/min
	Coolant motor		0.125 3000r/min
	Grinding wheel motor		3/4 1500r/min
	Wotkhead motor		0.75 1000r/min
Wheel head	Grinding wheel size (D x W x B)	mm	300*35*127
	Revolution angle	°	CW10 CCW5
	Spindle speed	rpm	1316
	Fast travel speed	r/min	≥30
	Lateral manual stroke	mm	≈70
	Handwheel feed/revolution	mm	1
	Min feed	mm	0.002
	Wheelhead total feed travel	mm	150
General Specification	Machine size	mm	1800*1415*1420
	Machine weight	kg	2100

Manual Grinding: Longitudinal Grinding, Plunge Grinding.

The machine tool is the cylindrical grinding machine which is suitable for the encircle and the outer face grinding, especially for the processing of all kinds of shaft parts.

The longitudinal traverse of the machine workbench has hydraulic and manual modes. The grinding carriage and headstock can be rotation. The machine tool adopts the grinding wheel with 400mm dia. , which increases the grinding efficiency and the service life of the grinding wheel.

The headstock can rotate, and the grinding carriage realizes the trace feed. The hydraulic system adopts the special oil pump with low noise which supplies oil steadily. The reversing device is used in the hydraulic reciprocating of the workbench, which can realize the frequent reversing function of a small distance, and improve the surface finish in the course of the plunge-cut grinding workpiece.



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