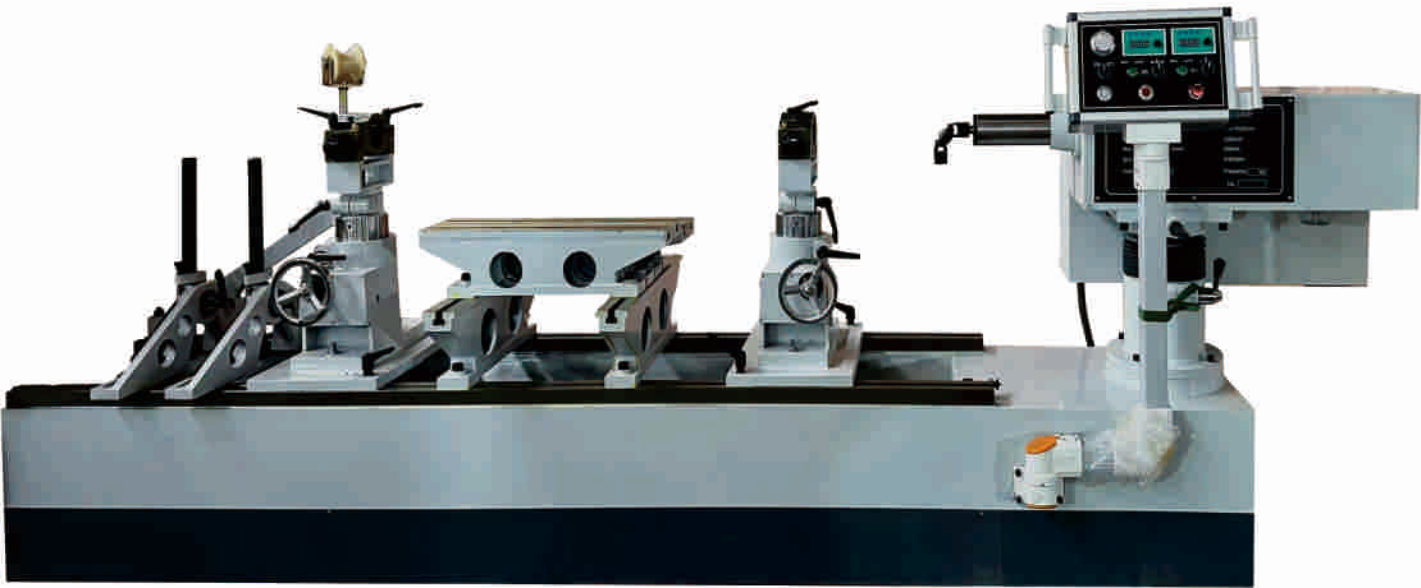


FEATURE

T8115SF Cylinder Bearing Boring Machine

Technical features of T8115SF cylinder bearing bush boring machine

- 1. Machine use servo motor, which can provide constant torque at any speed, This machine can be widely used for all kinds of boring work.
- 2. Spindle feed use step motor and high precision linear guide and ball screw. it can provide a high accuracy and stable feed.
- 3. Spindle speed and boring speed both stepless speed change , easy to find the best speed for different jobs
- 4. With electronic handwheel, machine can provide a micro feeding, it is very convenient for tool setting, reverse rotation, and for test boring
- 5. Control panel is separably to the machine body, moveable design and suitable height for long time working.
- 6. Complete new design of machine body structure, lower Noise and easier maintenance than ever before.



Standard accessories:

- 1.Center cone sleeve
- 2.Foundation olt
- 3. Aluxiliary boring support
- 4.Boring bar sleeve Enlarge cutter disk
- 5.Boring cutter Measuring gauge
- 6.boring bar

Optional accessories:

- 7.End face cutter
- 8.Tool setter
- 9.Φ22boring bar

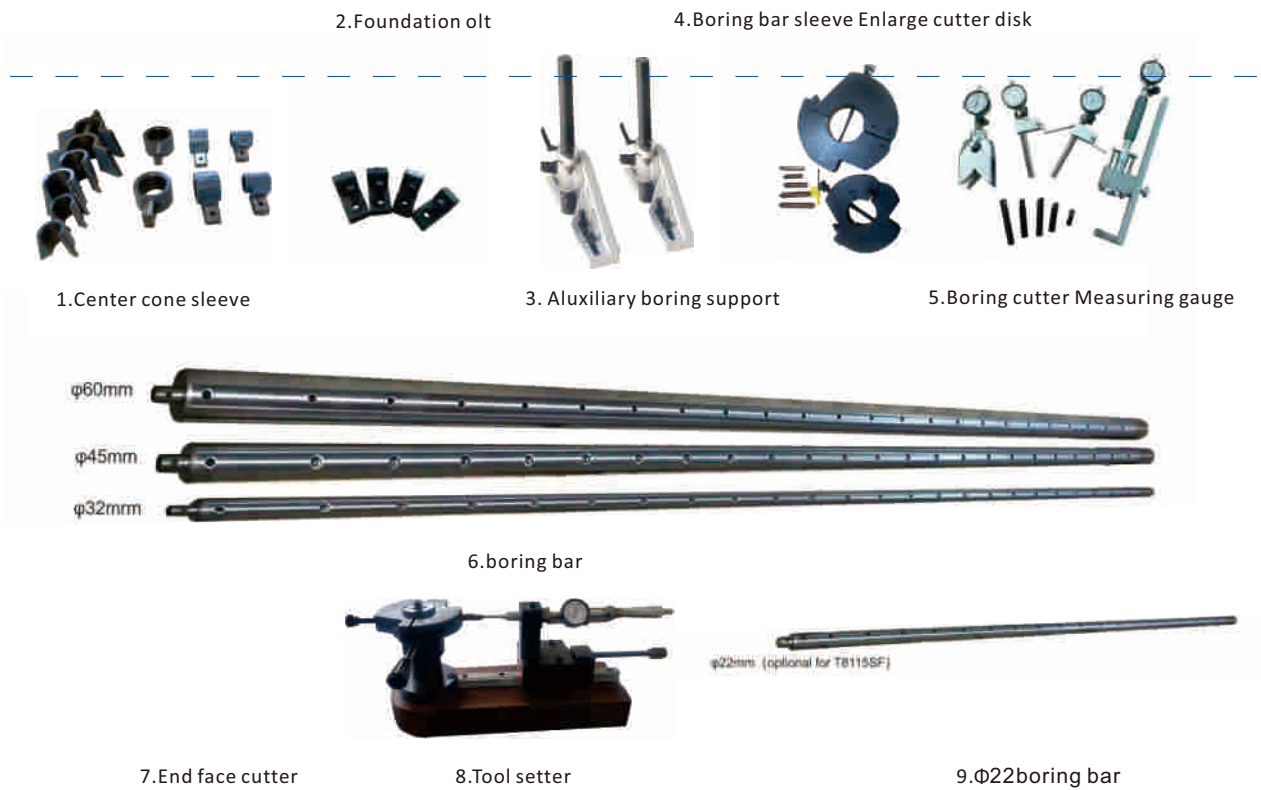
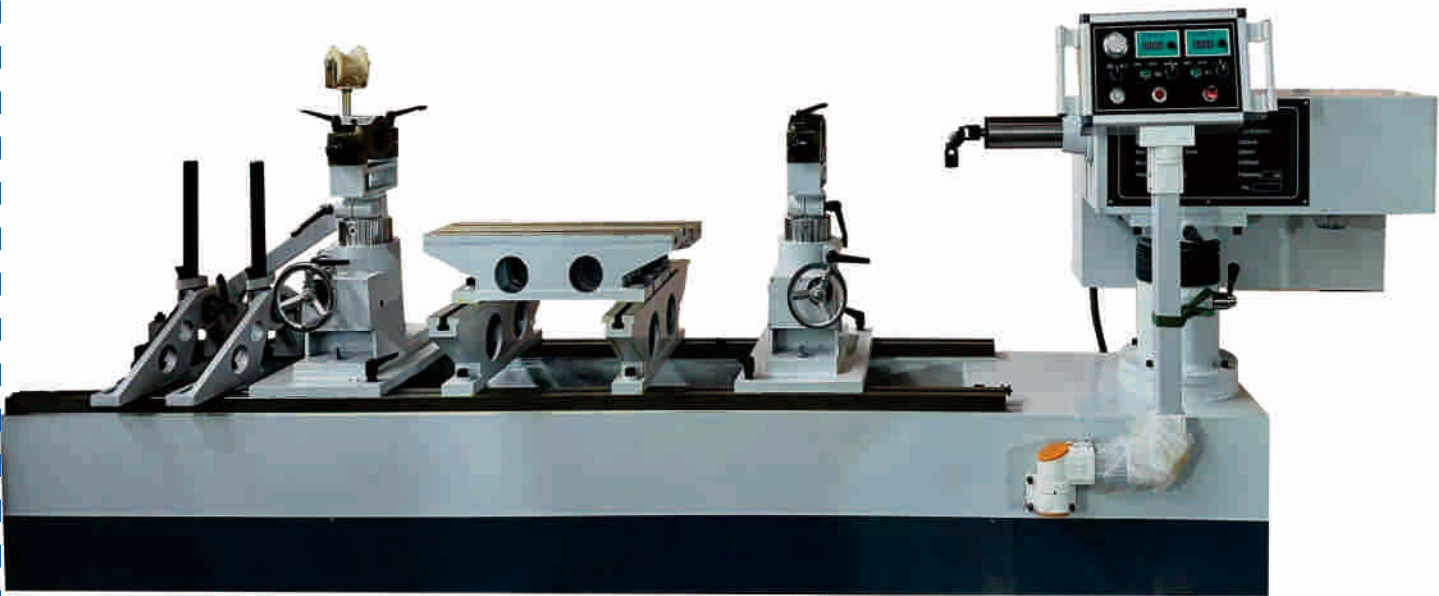
Model	T8115SF
Range of hole diameter to be bored	Φ36mm----Φ150mm
Max length of cylinder body to be bored	1600mm
Main shaft max elongation	300mm
Spindle speed	0-650
Spindle feed	0-1500
Main motor power	1.8KW
Feed motor power	0.75KW
Packing dimensions	4000x1150X1800
N.W / G.W	2.0T/2.2T

FEATURE

T8120SF Cylinder Bearing Boring Machine

Technical features of T8120SF cylinder bearing bush boring machine

- 1. Machine use servo motor, which can provide constant torque at any speed, This machine can be widely used for all kinds of boring work.
- 2. Spindle feed use step motor and high precision linear guide and ball screw. it can provide a high accuracy and stable feed.
- 3. Spindle speed and boring speed both stepless speed change , easy to find the best speed for different jobs
- 4. With electronic handwheel, machine can provide a micro feeding, it is very convenient for tool setting, reverse rotation, and for test boring
- 5. Control panel is separably to the machine body, moveable design and suitable height for long time working.
- 6. Complete new design of machine body structure, lower noise and easier maintenance than ever before.



Standard accessories:

- 1.Center cone sleeve 2.Foundation oil 3. Auxiliary boring support 4.Boring bar sleeve Enlarge cutter disk
- 5.Boring cutter Measuring gauge 6.boring bar

Optional accessories:

- 7.End face cutter 8.Tool setter 9.Φ22boring bar

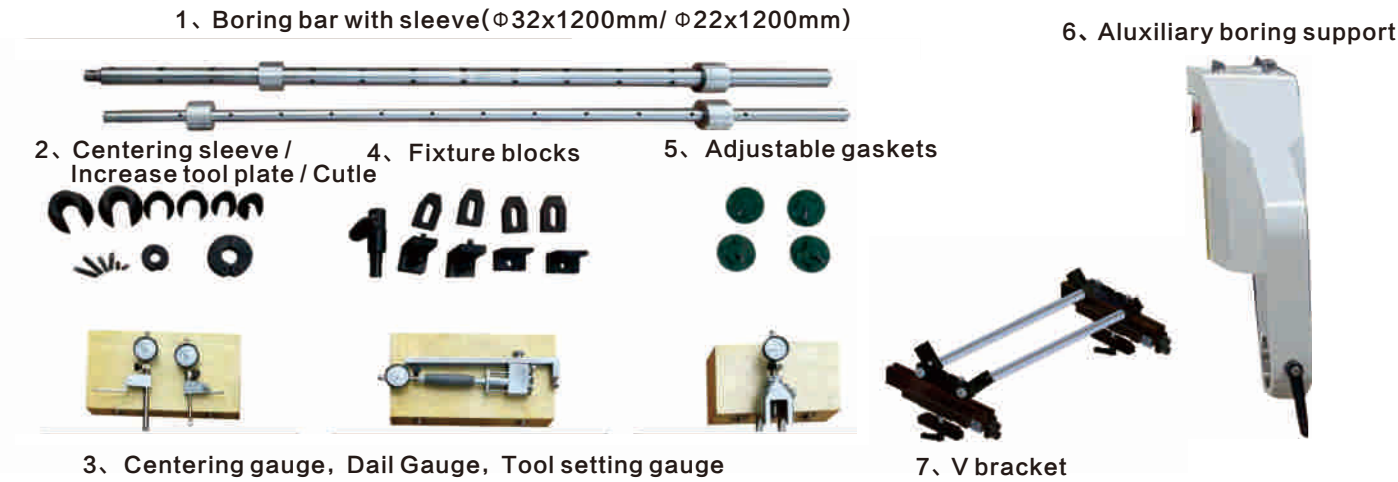
Model	T8120SF
Range of hole diameter to be bored	Φ36mm---Φ200mm
Max length of cylinder body to be bored	2000mm
Main shaft max elongation	300mm
Spindle speed	0-650
Spindle feed	0-1500
Main motor power	1.8KW
Feed motor power	0.75KW
Packing dimensions	4000x1150X1800
N.W / G.W	2.0T/2.2T

FEATURE

Line Boring Machine for Cylinder Heads and Blocks
LB1000SF

This machine was specially designed for boring Middle & Small engine blocks, crankshaft bush and camshaft bush; It also can be used for con rod bush with special fixture. The boring carriage adopts guideway moving, center of main shaft already adjusted in advance, vertical column go up and down, Make the work piece to find positive and accurate. Good rigidity, spindle feeding stepless, boring with high accuracy. It purposed used in automotive service and repair filed.

- 1. Spindle turning and feeding control by servo motor
- 2. Cylinder fixture moving control by motor
- 3. The overall appearance of the machine has been redesigned, and the stability has been greatly improved.



Standard accessories:

- 1. Boring bar with sleeve
- 2. Centering sleeve / Increase tool plate / Cutle
- 3. Centering gauge, Dial Gauge, Tool setting gauge
- 4. Fixture blocks
- 5. Adjustable gaskets

- Optional accessories: 6. Auxiliary boring support 7. V bracket

Model	LB1000SF
Range of hole diameter to be bored	Φ24mm---Φ110mm
Max.distance between parallel& shaft center	450mm
Max.length of work piece	1000mm
Main shaft max movement length	100mm
Fixture supporter gui de way type	Linear Rails
Spindle rotating motor type	Servo Motor
Spindle rotating motor power	1.2KW
Spindle rotating speed	0- 650rpm
Spindle feeding motor type	servo motor
Boring shaft feeding motor	750w
Boring shaft feeding range	0-100mm/min
Working table verical movement style	By Motor
Working table verical movement style	80w
Packing dimensions	2060mmX750mmX1080mm
N.W / G.W	0.6T/0.7T

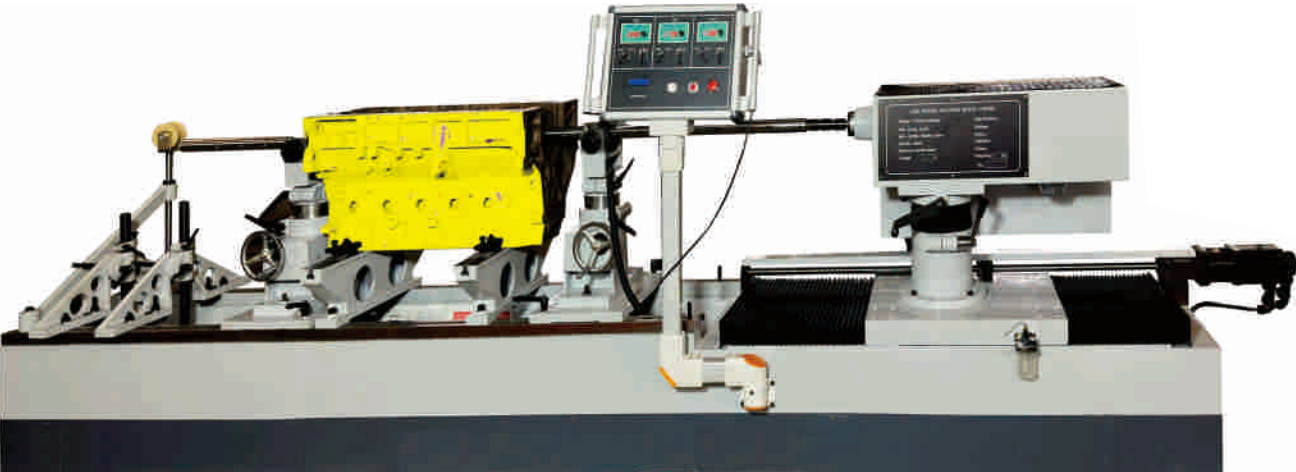
FEATURE

LB2300SF Cylinder Bearing Boring Machine

This machine tool is suitable for repairing large engines and generator sets, and for boring and machining the main shaft bearing holes and cam bearing holes of various engines and generator cylinder bodies (such as automobiles, tractors, tanks, ships, etc.). Micro drilling can also be performed on the bottom holes of the main shaft bearing and the cam bearing.

The feature of this machine is that it can bore a length of 1 meter in one tool setting.

- 1.This machine is powered by servo motors, with adjustable speed and constant torque, and can be widely used in various boring operations.
- 2.The spindle feed adopts high-precision linear guide and ball screw, with high efficiency and stable feed.
- 3.The spindle box feed adopts high-precision linear guide and ball screw, with high efficiency and stable feed.
- 4.The spindle speed is infinitely adjustable, providing the optimal speed for boring different materials and diameters.
- 5.This machine adopts electronic handwheel control, which can perform micro feed and speed regulation
- 6.The button station can adjust its height and angle freely, making it convenient for operators of different heights and operating habits to adjust to a comfortable operating position.
- 7.Each boring sleeve is equipped with a manual oil pump for easy refueling and lubrication during operation.



Standard accessories:

1.Center cone sleeve	2.Foundation olt	3. Aluxiliary boring support
4.Boring bar sleeve Enlarge cutter disk	5.Boring cutter Measuring gauge	6. boring bar

Optional accessories:

7. End face cutter	8. Tool setter	9. Φ22boring bar
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Model	LB2300SF
Range of hole diameter to be bored	Φ36mm----Φ250mm
Max length of cylinder body to be bored	2300mm
Main shaft max elongation	300mm
Maximum movement of spindle box	700mm
Spindle speed	0-650rpm
Spindle feed	0-1500mm/r
Main motor power	1.8KW
Feed motor power	0.75KW
Power of spindle box moving motor	1.2KW
Packing dimensions	4700x1150X1750
N.W / G.W	2.5T/2.7T

FEATURE

Con-rod Bushing Boring Machine T8210E

This machine tool is mainly used for boring the connecting rod bearing holes (connecting rod bushings and copper sleeve holes) of engines used in power machinery such as automobiles, tractors, and generators. Micro drilling can also be performed on the connecting rod bearing seat holes. Different professional fixtures can be configured on this machine tool, and precision boring of parts such as piston pin holes, air pump bearing holes, and valve seat holes can also be carried out.

- 1. Connecting rod bearing boring machine (can be used in conjunction with cylinder body bearing boring machine T8120SF). This machine tool has excellent performance, compact structure, easy operation, high machining accuracy, and fully meets the needs of users.
- 2. Equipped with comprehensive centering correction tools, boring tools, and fine adjustment functions for boring feed.
- 3. The spindle adopts servo motor transmission to effectively and accurately ensure torque transmission. The spindle operates at stepless speed regulation to meet the processing requirements of different sizes and materials.
- 4. The worktable movement is driven by a servo motor, and the ball screw runs smoothly on a linear guide
- 5. Equipped with an electronic handwheel to ensure cutting accuracy
- 6. This machine is easy to operate.

Standard configuration: centering table centering sleeve BT40 fine adjustment boring head, tool bar, expanding shaft, expanding piece



Standard accessories:

- 1.Centering gauge & slee2.Universal boring head BT40 3.Expansible core shafte

Optional accessories:

- 4.cutter bar

Model	T8210E
Range of hole diameter to be bored	φ14----φ100
Wax length of eylinder body to be bored	100mm----425mm
Main shaft max elongation	Ball Screw
Spindle speed	220mm
Spindle feed	Double speed motor
Max movement of spindle box	0.75KW
Main motor power	0-100mm/min
Motor power of spindle box	Double speed motor
Overall dimensions	1.2KW
Packing dimensions	0-1500mm/min
N.W / G.W	1610mmX950mmx1500mm
	0.5T/0.6T

FEATURE

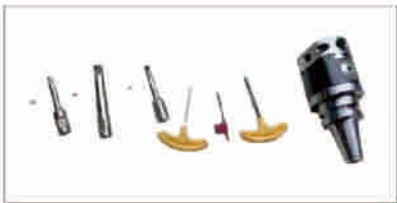
Con-rod Bushing Boring Machine T8216E

This machine tool is mainly used for boring the connecting rod bearing holes (connecting rod bushings and copper sleeve holes) of engines used in power machinery such as automobiles, tractors, and generators. Micro drilling can also be performed on the connecting rod bearing seat holes. Different professional fixtures can be configured on this machine tool, and precision boring of parts such as piston pin holes, air pump bearing holes, and valve seat holes can also be carried out.

- 1. Connecting rod bearing boring machine (can be used in conjunction with cylinder body bearing boring machine T8120SF). This machine tool has excellent performance, compact structure, easy operation, high machining accuracy, and fully meets the needs of users.
 - 2. Equipped with comprehensive centering correction tools, boring tools, and fine adjustment functions for boring feed.
 - 3. The spindle adopts servo motor transmission to effectively and accurately ensure torque transmission. The spindle operates at stepless speed regulation to meet the processing requirements of different sizes and materials.
 - 4. The worktable movement is driven by a servo motor, and the ball screw runs smoothly on a linear guide
 - 5. Equipped with an electronic handwheel to ensure cutting accuracy
 - 6. This machine is easy to operate.
- Standard configuration: centering table centering sleeve BT40 fine adjustment boring head, tool bar, expanding shaft, expanding piece



1.Centering gauge & sleeve



2.Universal boring head Bt40



3. Expansible core shaft

1.Centering gauge & sleeve 2.Universal boring head Bt40 3.Expansible core shaft

Model	T8216E
Range of hole diameter to be bored	φ14---φ150
Wax length of eylinder body to be bored	85mm----600mm
Main shaft max elongation	Ball Screw
Spindle speed	320mm
Spindle feed	Double speed motor
Max movement of spindle box	0.75KW
Main motor power	0-100mm/min
Motor power of	Double speed motor
spindle box	2.3KW
Overall dimensions	0-1500mm/min
Packing dimensions	1720mmx1060mmx1700mm
N.W / G.W	0.6T/0.8T

FEATURE

Cap and rod grinding machine Dm100

This machine is used for grinding the joint end faces of connecting rods and connecting rod caps during engine maintenance. It can also grind the lower end face of the crankshaft and cam bearing cover, which is a supporting processing equipment for our T8210E connecting rod bearing boring machine and T8120SF cylinder bearing boring machine.



Model	DM100
Max. inside dimension of cap	275MM
Max. thickness ofthe connecting rod	100MM
Girinding wheel speed	2800RPM
Motor power	0.75KW
Packig dimnensons (LxWXH)	950X750X400
N.W / G.W	150KG/180KG

FEATURE

Cap and rod grinding machine Dm50

This machine is used for grinding the joint end faces of connecting rods and connecting rod caps during engine maintenance. It can also grind the lower end face of the crankshaft and cam bearing cover, which is a supporting processing equipment for our T8210E connecting rod bearing boring machine and T8120SF cylinder bearing boring machine.



Model	DM50
Max. inside dimension of cap	275MM
Max. thickness ofthe connecting rod	100MM
Girinding wheel speed	2800RPM
Motor power	0.75KW
Packig dimnensons (LxWXH)	950X750X400
N.W / G.W	150KG/180KG