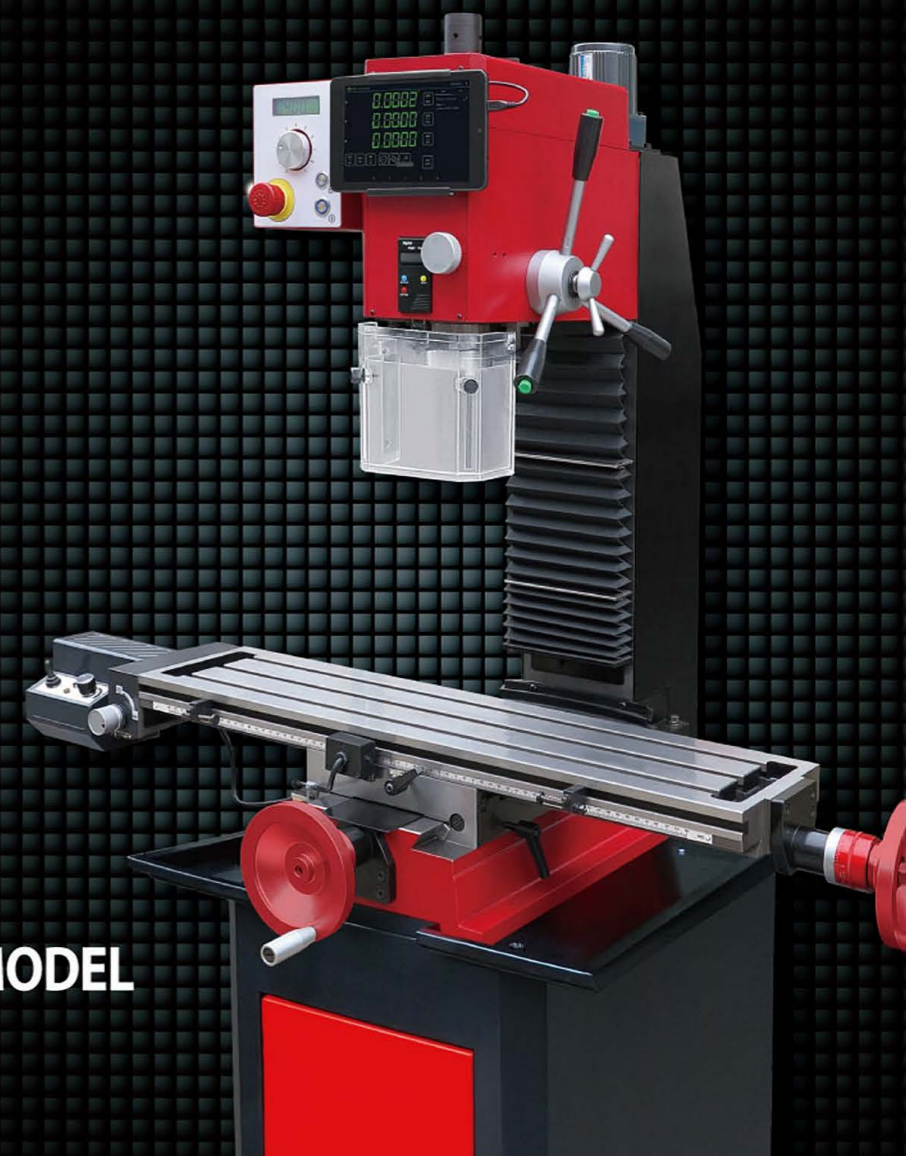




Представитель в России:
ООО «ПО ИП»
Тел: +7 (812)602-77-08
E-mail: info@poip.ru
www.poip.ru



PRECISION MACHINE & MODEL
www.siegind.com



www.siegind.com
[sales @ siegind.com](mailto:sales@siegind.com)

Shanghai SIEG Machinery Co.,Ltd.

Add: No. 555 CaoFeng Rd., South to No.17 Bridge of Caoan Rd., SHANGHAI CHINA Zip code: 201812
Tel: +86-21-39528001 Fax: +86-21-39528328

SHANGHAI SIEG MACHINERY CO.,LTD.



SIEG technology: Brushless DC motor control system

Brushless DC Motor Advantages



	Brushless Motor	Motor with brush	Ordinary AC Motor
Size	Small	Medium	Big
Weight	Light	Medium	Heavy
Maintenance	None	Often	None
Efficiency	High	Low	Low
Mechanism Speciality	Hard (Stable in Speed)	Soft	Hard
Durability	Long	Short	Long
Stability	Good	Normal	Good
Speed control	Good	Good	None
Low speed torque	Powerful & Stable	Low power & Unstable	None (Low speed)
Startup moment	Big	Big	Small
Forward/Reward Switch	Convenient & Stable	Frequent Switch not suggested	None
Speed control	High accuracy & Fast reaction	Low Accuracy	None
Overload capacity	High	Low	High
Electromagnetic interference	Low	High	Low
Safety	High	Low	High
Expansibility	Great in auto-control & compatible with different control systems	Normal	None

- Brushless DC Motor*
- Super light & small-sized*
- Good durability*
- Maintenance-free*
- High accuracy*
- High efficiency*

Choose high performance, choose SIEG HiTorque



Machines with this mark are equipped with HiTorque brushless motor and control system.

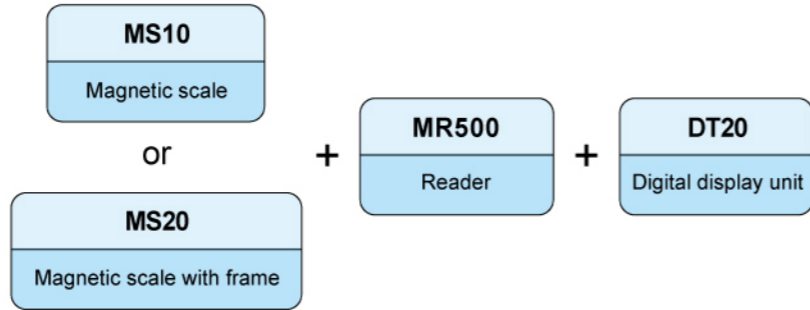
elegant
powerful
care for you



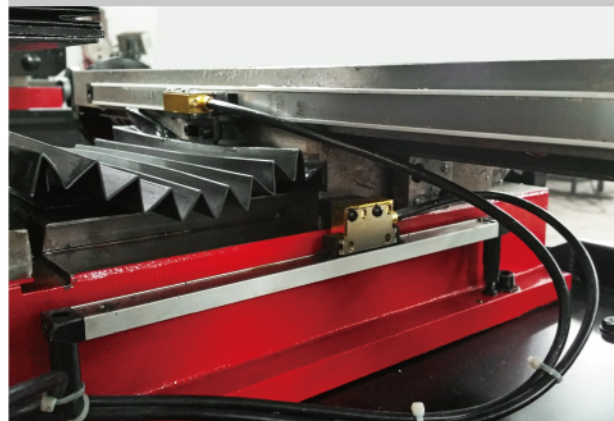
SX3.5 MILLING & DRILLING MACHINE (P36)

Brief introduction of combination

We prepare some Digital display parts for you to help you change your machine, not only Mill but also Lathe or another machines like woodworking machines. We can supply Digital display unit + Reader + Magnetic scale with frame, you can add some supports then fix these on your machine. When you finish these, you can easy see the moving quantity on the display.



DT20 Digital display unit



Model No.	Picture showing	Remarks
S/N 11000 MS10 Magnetic scale		28 m / Roll
S/N 11001 MS20 Magnetic scale with frame		1 m / strip + 6 pcs end cover and screws
S/N 11002 MR500 Reader		One reader use for one axis
S/N 11003 DT20 Digital display unit		Max. 3 Axis L x W x H = 10 x 10 x 6 cm

ROTARY TABLE WITH DRO.

What you see is what you get !



S/N10094A Rotary table with DRO.

Feature:

- 4" (100 mm) diameter
- Use in horizontal or vertical position
- Two types digital mode, for example 1.666° or 1°40'
- Zero setting function
- Worm ratio is 72 to 1

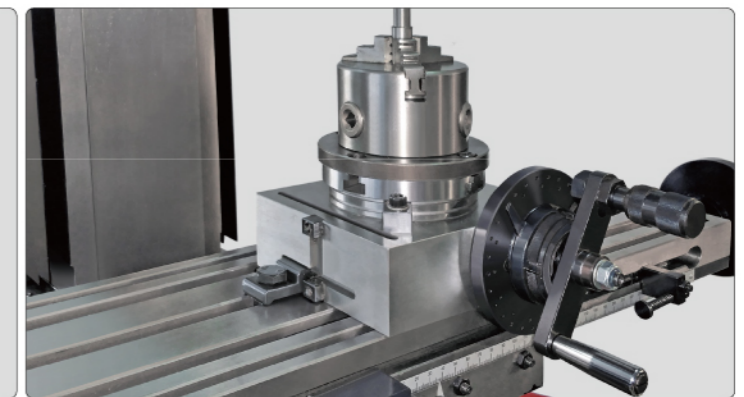


Show in 1.666°

Show in 1°40'



Vertical using with tailstock (S/N:10094-2)



Use with dividing plate (S/N:10094-1)

TAILSTOCK WITH DRO

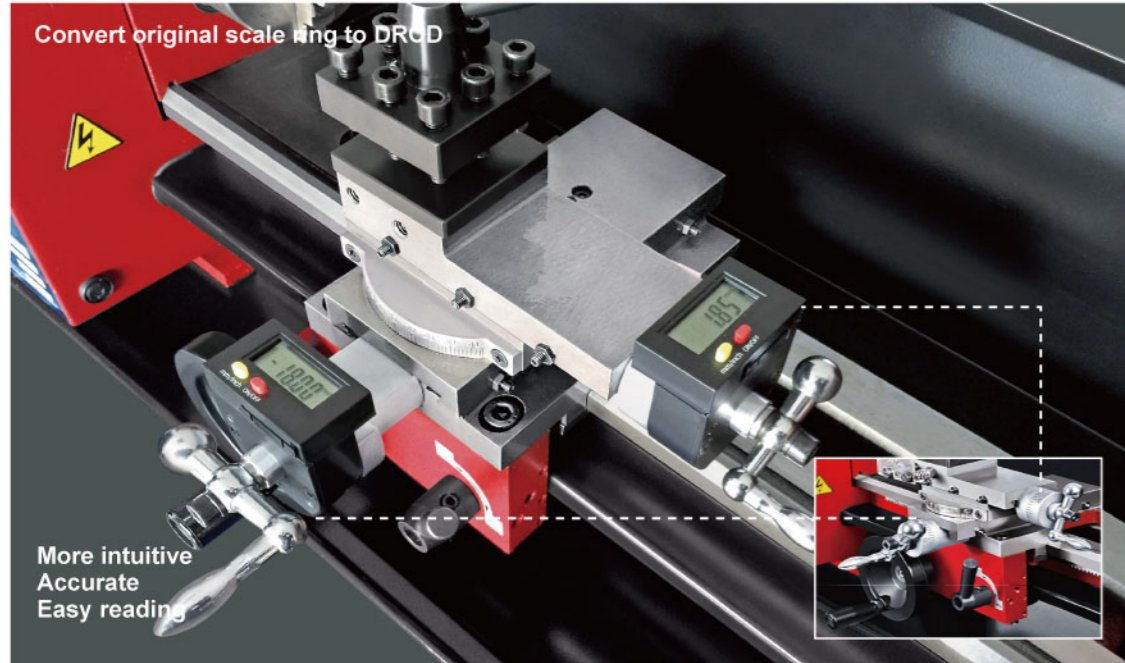


C2 Tailstock

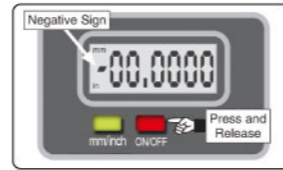


C4 Tailstock

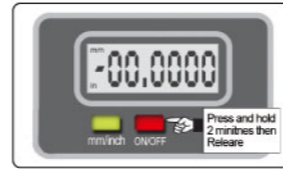
Digital Readout for Cutting Depth (DRCD) for SIEG lathes



mm/inch translation



zero setting



On/Off button



S/N10292 for C2/C3 series

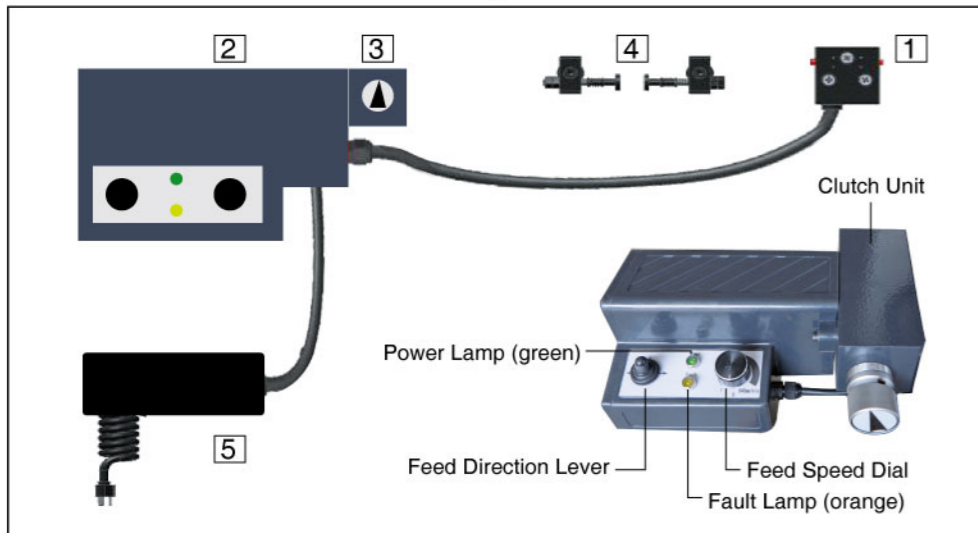


S/N10293 for C4 series



S/N10294 for C6 series

Power feeder for SIEG Milling machines



Contents

- 1 Limit switch assembly
- 2 Power feeder unit
- 3 Clutch unit
- 4 Left and right limit blocks
- 5 Power supplier, 110V-240V, 50/60Hz

Model No.

- S/N10300 for X2, SX2
- S/N10301 for X2L, SX2L, U1, SU1
- S/N10304 for X3, X3L, SX3, SX3L
- S/N10305 for SX4
- S/N10306 for X2.7, SX2.7
- S/N10307 for X3.5, SX3.5



X2 with power feed

New stands



Serial No.	Suitable models	Overall dimension
S/N:10255A	X2L, SX2L mill	410 x 490 x 905 mm
S/N:10255B	X2, SX2 mill	410 x 490 x 905 mm
S/N:10254	X1 mill	410 x 470 x 905 mm
S/N:10274	SX1, SX1L, SX1P, SX2P mill	410 x 490 x 905 mm

Serial No.	Suitable models	Overall dimension
S/N:10240A	SX2.7, X2.7 mill	530 x 610 x 850 mm
S/N:10240B	X3, SX3 mill	460 x 730 x 880 mm
S/N:10240C	U1, SU1 mill	530 x 650 x 850 mm
S/N:10244	SX4 mill	550 x 835 x 845 mm
S/N:10320	X3.5, SX3.5 mill	530 x 610 x 850 mm



Serial No.	Suitable models	Overall dimension
S/N:10253A	C2/200 lathe	860 x 310 x 890 mm
S/N:10253B	C1 lathe	750 x 290 x 890 mm
S/N:10253C	C2/300, SC2/300 lathe	860 x 310 x 890 mm
S/N:10253D	SC2/350, C3 lathe	860 x 310 x 890 mm

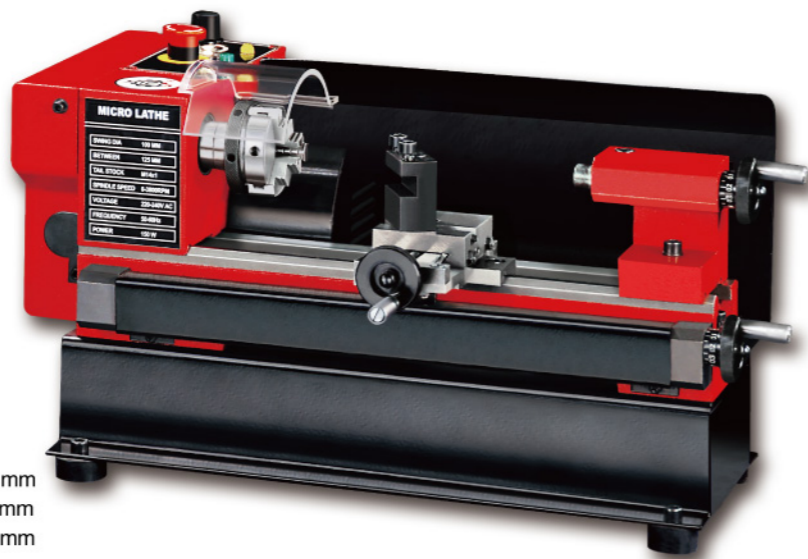
Serial No.	Suitable models	Overall dimension
S/N:10238	C4 lathe	1010 X 505 X 780 mm
S/N:10239	C6 lathe	1040 x 425 x 770 mm
S/N:10209	C10 lathe	1500 x 560 x 770 mm



Get your own colour for Min. order of 30 pieces

C0

BABY LATHE



Specifications

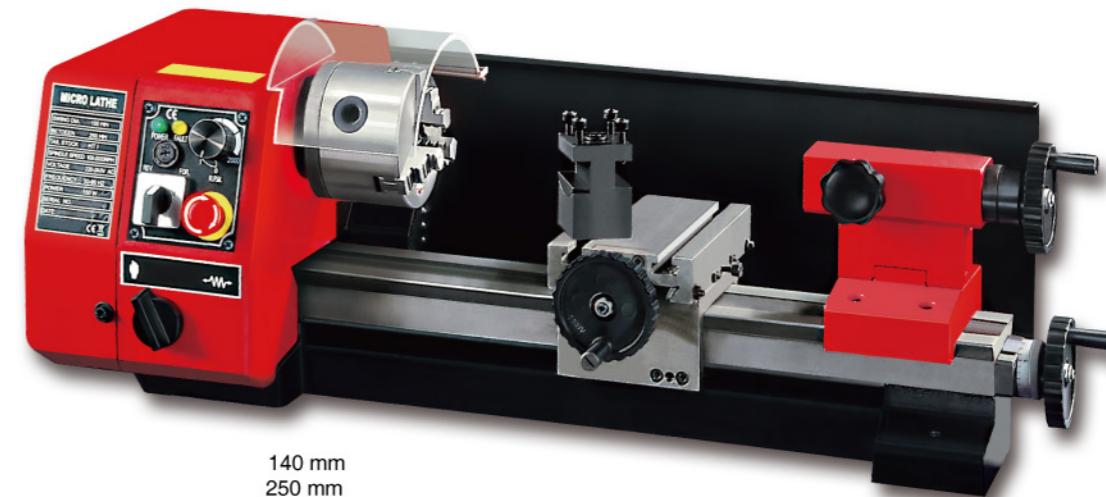
Swing over bed	110 mm
Distance between centers	125 mm
Hole through spindle	10 mm
Hole through tailstock	10 mm
Tailstock screw	M14x1 mm
Cross slide travel	50 mm
Motor output power	150 W
Spindle speed (variable speed)	100-3800 ±10% rpm
Overall dimension (LxWxH)	440x270x210 mm
Packing Size (LxWxH)	510x380x310 mm
Weight (Net/Gross)	14/16 kg

Standard Attachment

Ø50 mm 3-jaw chuck Wrench set
Oil can

C1

MICRO LATHE



Specifications

Swing over bed	140 mm
Distance between centers	250 mm
Hole through spindle	10 mm
Spindle taper	MT2
Tailstock taper	MT1
Cross slide travel	50 mm
Range of threads	Metric version 0.5-1.25 mm (5 thread pitches) Imperial version 16-24 TPI (5 thread pitches)
Motor output power	150 W
Spindle speed (variable speed)	100-2000 ±10% rpm
Overall dimension (LxWxH)	620x330x220 mm
Packing size (LxWxH)	690x350x330 mm
Weight (Net/Gross)	23/32 kg

Features

Variable speed
Over-load protection
Inside leadscrew

Standard Attachment

Ø80 mm 3-jaw chuck
MT1 center
Wrench set
Oil can

OPTIONAL ACCESSORIES

OPTIONAL ACCESSORIES



Stand

Overall dimension: 800x350x890mm
For C0, C1, C2, SC2, C3, Z1, X0, X1, SX1, X2, SX2
S/N:10000

Auto feeder



S/N:10153

Angle cutter rest



Rotate angle ±30°



S/N:10154

Wood tool rest with center



Φ10mm



S/N:10157

Rolling center



Φ10mm

S/N:10156

Face plate



Dia. Φ70mm
Slot size 8mm
S/N:10158

2 Way tool rest



S/N:10155

Steady rest



S/N:10152

Tailstock chuck



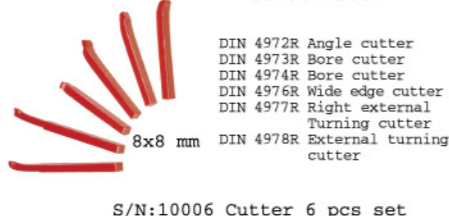
S/N:10159

Cutter set



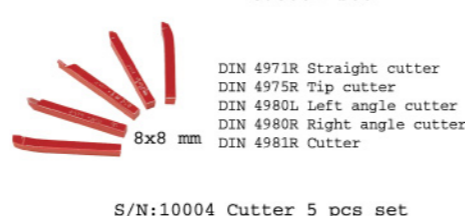
8x8 mm
DIN 4971R Straight cutter
DIN 4972R Angle cutter
DIN 4973R Bore cutter
DIN 4974R Bore cutter
DIN 4975 Tip cutter
DIN 4976 Wide edge cutter
DIN 4977R Right external turning cutter
DIN 4978R External turning cutter
DIN 4980L Left angle cutter
DIN 4980R Right angle cutter
DIN 4981R Cutter
S/N:10005 Cutter 11 pcs set

Cutter set



8x8 mm
DIN 4972R Angle cutter
DIN 4973R Bore cutter
DIN 4974R Bore cutter
DIN 4976R Wide edge cutter
DIN 4977R Right external turning cutter
DIN 4978R External turning cutter
S/N:10006 Cutter 6 pcs set

Cutter set



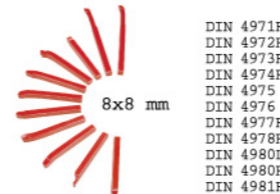
8x8 mm
DIN 4971R Straight cutter
DIN 4975R Tip cutter
DIN 4980L Left angle cutter
DIN 4980R Right angle cutter
DIN 4981R Cutter
S/N:10004 Cutter 5 pcs set

Stand



Overall dimension: 750x290x890mm
S/N:10253B

Cutter 11 pieces set



8x8 mm
DIN 4971R
DIN 4972R
DIN 4973R
DIN 4974R
DIN 4975
DIN 4976
DIN 4977R
DIN 4978R
DIN 4980L
DIN 4980R
DIN 4981R
S/N:10005

Quick change cutter rest



S/N:10144 Tool post S/N:10144-1



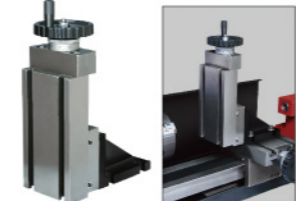
S/N:10144-2 S/N:10144-3
For normal cutter For cut-off blade

Quick vice Mill chuck set



Width 50mm MT#2
S/N:10035 S/N:10090

Vertical slider



T-slot 8mm
S/N:10082

Horizontal slider



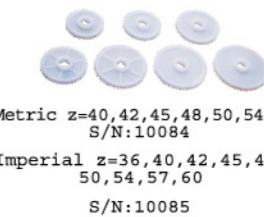
Rotate angle ±40°
S/N:10083

Headstock center Tailstock chuck+shank



MT#2 MT#1, 10mm
S/N:10088 S/N:10091

Thread cutting kits



Metric z=40, 42, 45, 48, 50, 54, 60
S/N:10084
Imperial z=36, 40, 42, 45, 48, 50, 54, 57, 60
S/N:10085

4-Jaw chuck (independent)



Ø80mm
S/N:10010

Wood tool rest + center



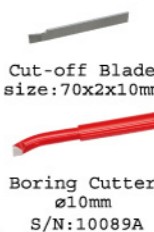
MT#2
S/N:10086

Tool holder



Cut-off Blade Holder
S/N:10089

Tool



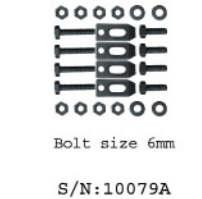
Cut-off Blade size: 70x2x10mm
Boring Cutter ø10mm
S/N:10089A

Face plate



Ø112mm
T-slot 8mm
S/N:10079

Clamping kit for face plate



Bolt size 6mm
S/N:10079A

Lathe dog



S/N:10015

Rolling center



MT#1
S/N:10093

Ball head cutting set



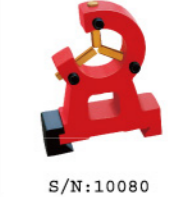
S/N:10087

Ball head cutter



S/N:10087-1

Steady rest



S/N:10080

Follow rest

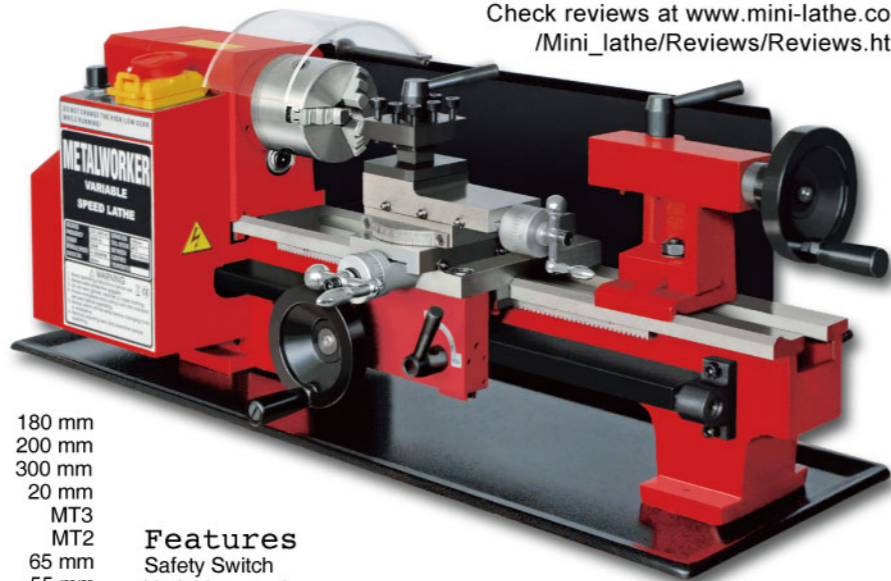


S/N:10081

C2

MINI LATHE Model 200/300

Check reviews at www.mini-lathe.com/Mini_lathe/Reviews/Reviews.htm



Specifications

Swing over bed	180 mm
Distance between centers	Model 200 200 mm Model 300 300 mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	65 mm
Compound travel	55 mm
Range of threads	Metric version 0.4-2.0 mm (10 thread pitches) Imperial version 12-52 TPI (18 thread pitches)
Motor output power	250 W
Spindle speed (variable speed)	Low range 100-1100 ±10% rpm High range 100-2500 ±10% rpm
Overall dimension (LxWxH)	Model 200 600x300x300 mm Model 300 700x300x300 mm
Packing size (LxWxH)	Model 200 690x360x390 mm Model 300 790x360x390 mm
Weight(Net/Gross)	Model 200 33/36 kg Model 300 37/40 kg

Features

- Safety Switch
- Variable speed
- Four position turret post
- Complete set of changing gear
- High accuracy

Standard attachment

- 80mm 3-jaw chuck
- MT2 center
- Change gear set
- Wrench set
- Oil can

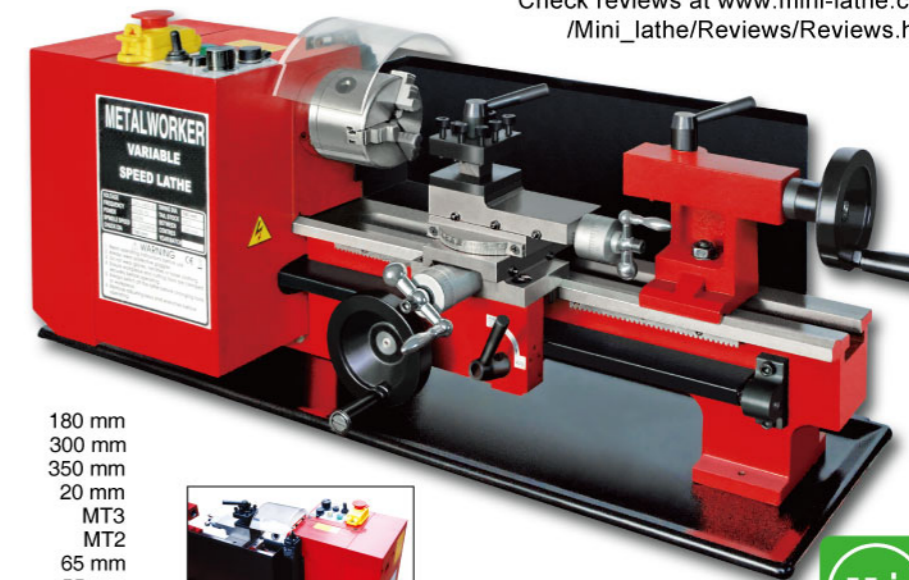


Equipped your C2 or SC2 with DRO tailstock

SC2

MINI LATHE Model 300/350

Check reviews at www.mini-lathe.com/Mini_lathe/Reviews/Reviews.htm



Specifications

Swing over bed	180 mm
Distance between centers	Model 300 300 mm Model 350 350 mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	65 mm
Compound travel	55 mm
Range of threads	Metric version 0.4-2.0 mm (10 thread pitches) Imperial version 12-52 TPI (18 thread pitches)
Motor output power (brushless motor)	500 W
Spindle speed (variable speed)	100-2500 ±10% rpm
Overall dimension	Model 300 700x300x300 mm Model 350 800x300x300 mm
Packing size (LxWxH)	Model 300 780x420x390 mm Model 350 900x420x390 mm
Weight(Net/Gross)	Model 300 44/51 kg Model 350 50/55 kg



No more High/Low Gear Trouble Free



Standard attachment

- 80mm 3-jaw chuck
- MT2 center
- Change gear set
- Wrench set
- Oil can

Features

- Upgraded version of C2
- Brushless Motor
- Greater Durability
- Higher Efficiency
- Maintenance-free
- Noise-free

OPTIONAL ACCESSORIES



Tailstock with DRO

Replace to DRCD by yourself



S/N 10322 DRCD kit

Stand



Overall dimension: 860x310x890mm
S/N:10253A For C2/200
S/N:10253C For C2/300
S/N:10253D For SC2/300
S/N:10253D For SC2/350



C2 or C3 owner, replace to DRCD by yourself.

Digital readout for cutting depth kit (DRCD kit)



S/N:10292
(Check from SIBG special technology)

Face plate Slot size 12mm
Clamping kit for face plate

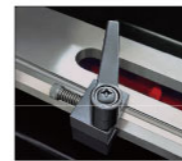


ø160mm S/N:10007
Bolt size 8mm S/N:10007A

Carriage Stop



S/N:10182



3-jaw chuck



S/N:10100 ø100mm
S/N:10100A ø100mm with flange

4-jaw chuck (independent)



S/N:10010 ø80mm
S/N:10029A ø100mm with flange

Spindle center



S/N:10013

Rolling center



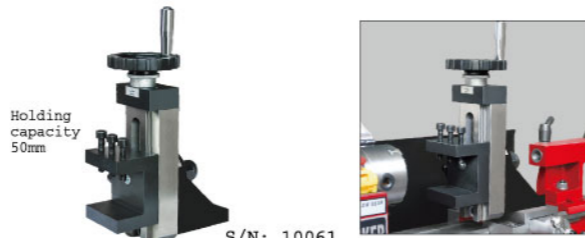
S/N:10014

Lathe dog



S/N:10015

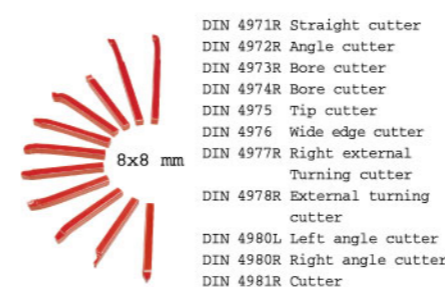
Mill attachment



Holding capacity 50mm

S/N: 10061

Cutter set



S/N:10005
Cutter 11 pcs set



S/N:10006 Cutter 6 pcs set
S/N:10004 Cutter 5 pcs set

Cutter 2 pieces set



S/N:10016

S/N:10016-1

S/N:10016-2

Cutter set (tips replaceable)



S/N:10200 Tin coated 7pcs



S/N:10200-1
Tip replacement (set)

Quick change cutter rest



S/N:10011

Tool post



S/N:10011-1

Cutter holder



S/N:10011-2

Wood toolrest with center



S/N: 10064

Steady rest



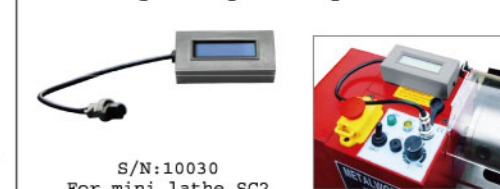
S/N:10008

Follow rest



S/N:10009

Digital spindle speed readout



S/N:10030
For mini lathe SC2

Knurling tool holder



S/N:10130

Tailstock chuck



Dia. 13mm+MT#2
S/N:10012

Cut-off tool

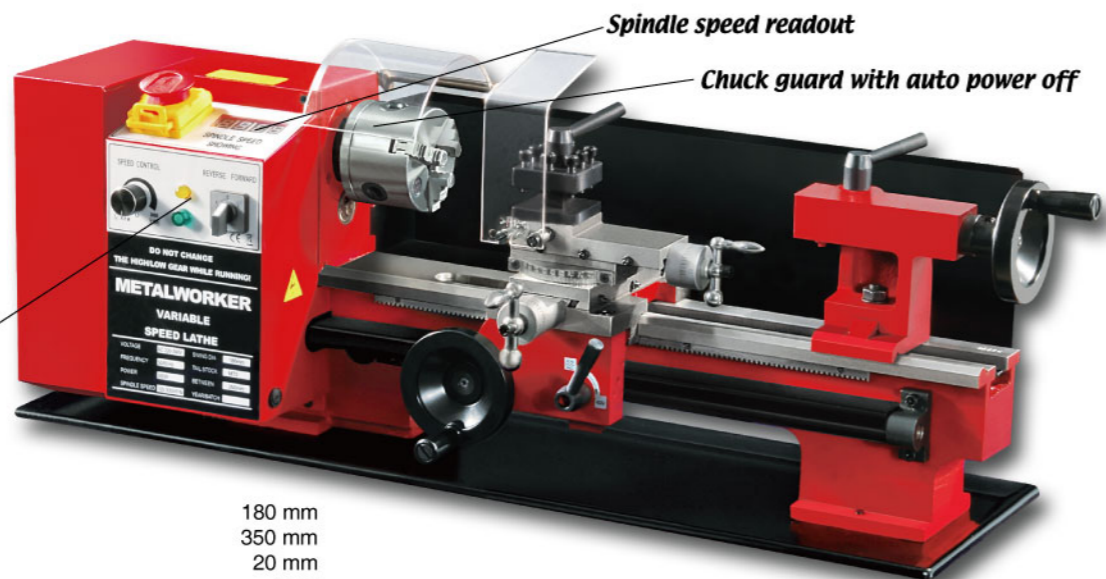


S/N:10145

OPTIONAL ACCESSORIES

C3

MINI LATHE



Specifications

Swing over bed	180 mm
Distance between centers	350 mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	65 mm
Compound travel	55 mm
Range of thread	Metric version 0.4-2.0 mm (10 thread pitch) Imperial version 12-52 TPI (18 thread pitch)
Motor output power	350 W
Spindle speed (variable speed)	Low range 100-1200 ±10% rpm High range 100-3000 ±10% rpm
Overall dimension (LxWxH)	800x300x300 mm
Packing Size (LxWxH)	870x340x380 mm
Weight (Net/Gross)	44/50 kg

Standard attachment

- 80mm 3-jaw Chuck
- MT2 Center
- Changing gear set
- Wrench set
- Oil can



Equipped your C3 with DRO tailstock

Make your mini lathe more luxury !



Suitable for C2, C3, SC2

OPTIONAL ACCESSORIES

OPTIONAL ACCESSORIES

<p>Stand</p> <p>Overall dimension: 860x310x890mm S/N: 10253D</p>	<p>Cutter set (tips replaceable)</p> <p>8x8 mm S/N: 10200 Tin coated 7pcs</p> <p>S/N: 10200-1 Tip replacement (set)</p>	<p>Lathe dog</p> <p>S/N: 10015</p>
<p>Steady rest</p> <p>S/N: 10008</p>	<p>Follow rest</p> <p>S/N: 10009</p>	<p>Rolling center</p> <p>MT#2 S/N: 10014</p>
<p>Face plate</p> <p>Slot size 12mm ø160mm S/N: 10007</p>	<p>Clamping kit for face plate</p> <p>Bolt size 8mm S/N: 10007A</p>	<p>Spindle center</p> <p>MT#3 S/N: 10013</p>
<p>Cutter 11 pieces set</p> <p>8x8 mm S/N: 10005</p> <p>DIN 4971R DIN 4972R DIN 4973R DIN 4974R DIN 4975 DIN 4976 DIN 4977R DIN 4978R DIN 4980L DIN 4980R DIN 4981R</p>	<p>3-jaw chuck</p> <p>S/N: 10100 ø100mm S/N: 10100A ø100mm with flange</p>	<p>4-jaw chuck (independent)</p> <p>S/N: 10010 ø80mm S/N: 10029A ø100mm with flange</p>
<p>Digital readout for cutting depth kit (DRCD kit)</p> <p>S/N: 10292 (Check from SIEG special technology)</p>	<p>Knob & hand wheel kit</p> <p>S/N: 10001</p>	<p>Metal gear kit</p> <p>S/N: 10002</p>

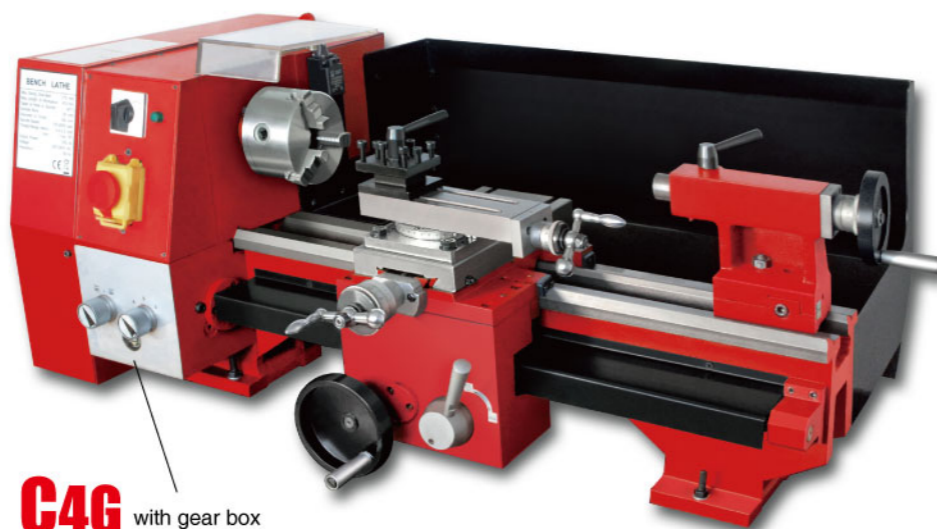
<p>DRCD kit</p> <p>S/N: 10292</p>	<p>Metric 9 pcs</p> <p>30T/35T/40T 40T/45T/50T 60T/80T/80T</p> <p>S/N: 10002</p>
<p>Imperial 13 pcs</p> <p>30T/35T/40T/40T 45T/45T/50T/55T 57T/60T/65T/80T/80T</p> <p>S/N: 10003</p>	<p>Metal gear kit</p> <p>S/N: 10002</p>

C4

BENCH LATHE Model 510



C4



C4G with gear box

Specifications

Swing over bed	210 mm
Distance between centers	510mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	100 mm
Compound travel	70 mm
Range of threads	C4 Metric version 0.4--3.0 mm (12 Thread pitches) Imperial version 10-44 TPI (8 Thread pitches) C4G Metric version 0.4--3.5 mm (15 Thread pitches) Imperial version 7-44 TPI (12 Thread pitches)

Motor output power	550 W
Spindle speed(6 steps)	100-2000 rpm
Overall dimension(LxWxH)	910x630x400 mm
Packing size(LxWxH)	1060x710x510 mm
Weight(Net/Gross)	C4 105/132 kg C4G 109/136 kg

Standard attachment

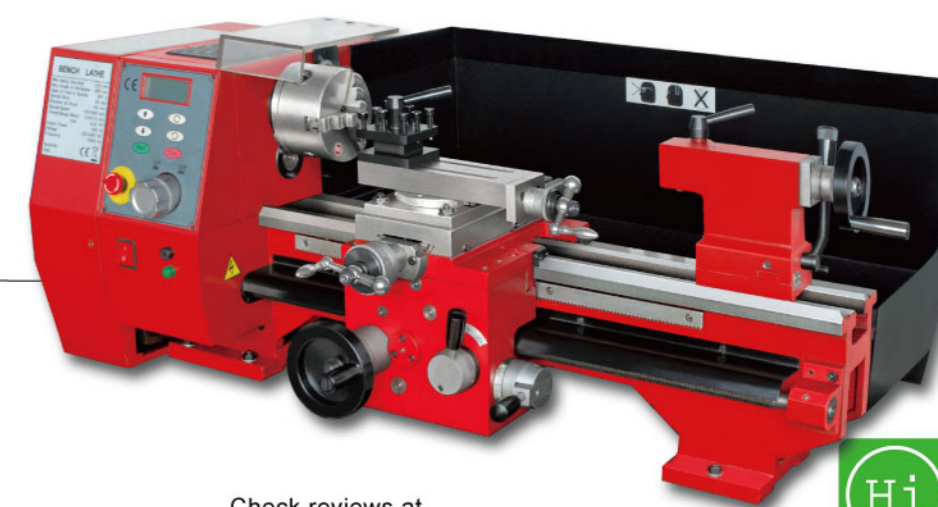
- Ø100mm 3-jaw chuck
- MT2 center
- Change gear set
- Wrench set
- Oil can

SC4

BENCH LATHE Model 510



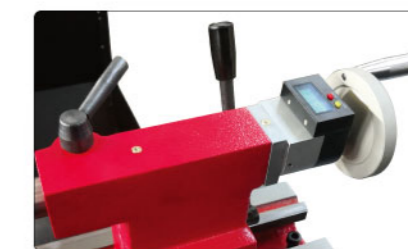
127T gear enable both metric and imperial thread cutting



Specifications

Swing over bed	210 mm
Distance between centers	510mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	100 mm
Compound travel	70 mm
Range of threads	Metric version 0.25-3.0 mm (17 Thread pitches) Imperial version 8-24 TPI (10 Thread pitches)
Motor output power (brushless motor)	1000 W
Spindle speed (variable speed)	100-2000 ±10%rpm
Overall dimension (LxWxH)	910x630x400 mm
Packing Size (LxWxH)	1060x710x510 mm
Weight (Net/Gross)	105/135 kg

Check reviews at www.mini-lathe.com/Mini_lathe/Reviews/Reviews.htm



Equipped your SC4 with DRO tailstock

Features

- Brushless motor
- Touching switch panel
- Digital spindle speed readout
- Cross and longitudinal auto feed
- Cut metric and Imperial screw
- Quick lock tailstock

Standard attachment

- Ø100mm 3-jaw chuck
- MT2 center
- Change gear set
- Wrench set
- Oil can

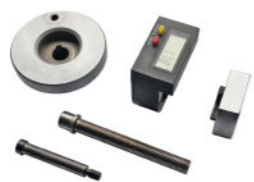
OPTIONAL ACCESSORIES

OPTIONAL ACCESSORIES

Tailstock with DRO



Replace to DRCD by yourself



S/N:10323 DRCD kit
(Check from SIEG special technology)

Rolling center



S/N:10024

Tailstock chuck



Dia. 13mm+MT#2
S/N:10027

4-jaw chuck (independent)



Ø100 mm
S/N:10029

Steady rest



S/N:10160

Follow rest



S/N:10161

Digital readout for cutting depth kit (DRCD kit)



S/N:10293
(Check from SIEG special technology)

Quick change cutter rest



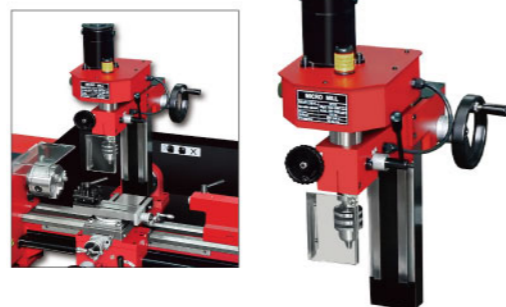
S/N:10168

Stand



Overall dimension:1010x505x780mm
S/N:10238

Mill attachment



Make a multi-purpose machine with Mill attachment.
(Check details on page 25)

S/N:10225 (M4MA)

Cutter 11 pieces set



10x10mm

- DIN 4971R
- DIN 4972R
- DIN 4973R
- DIN 4974R
- DIN 4975
- DIN 4976
- DIN 4977R
- DIN 4978R
- DIN 4980L
- DIN 4980R
- DIN 4981R

S/N:10022

Cutter set (tips replaceable)



10x10 mm

S/N:10201
Tin coated 7pcs

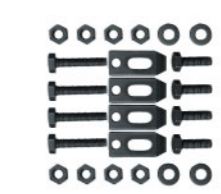
S/N:10201-1
Tip replacement (set)

Face plate



Slot size 12mm
180 mm
S/N:10162

Clamping kit for face plate



Bolt size 12mm
S/N:10162A

Tool post

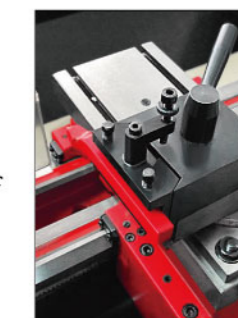


S/N:10168-1

Cutter holder

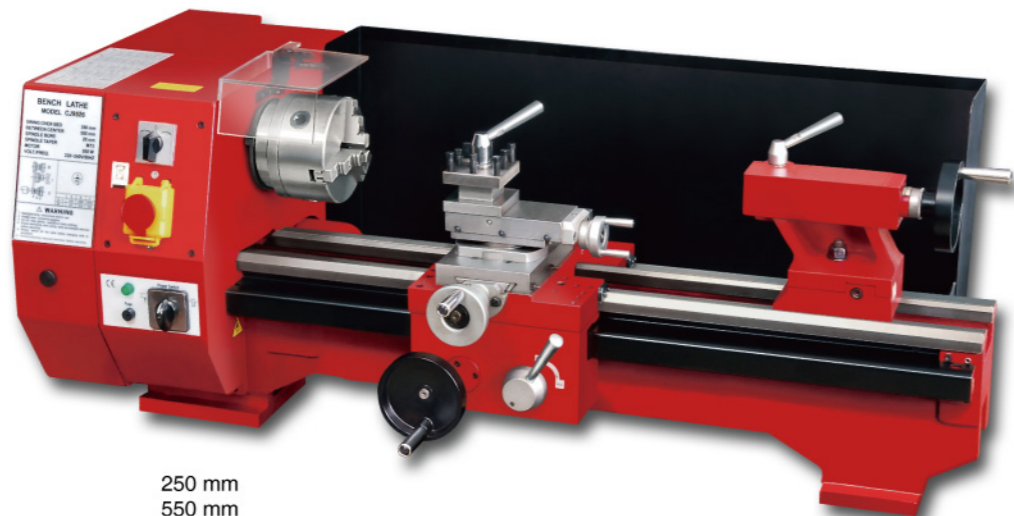


S/N:10168-2



C6

BENCH LATHE Model 550



Specifications

Swing over bed	250 mm
Distance between centers	550 mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	110 mm
Compound travel	75 mm
Range of thread	Metric version 0.4-3.0 mm (12 threads pitches)
	Imperial version 10-44 TPI (8 threads pitches)
Motor output power	550 W
Spindle speed(6 steps)	125-2000 rpm
Overall dimension (LxWxH)	1140x600x450 mm
Packing Size (LxWxH)	1170x640x580 mm
Weight (Net/Gross)	145/180 kg

Check reviews at www.mini-lathe.com/Mini_lathe/Reviews/Reviews.htm

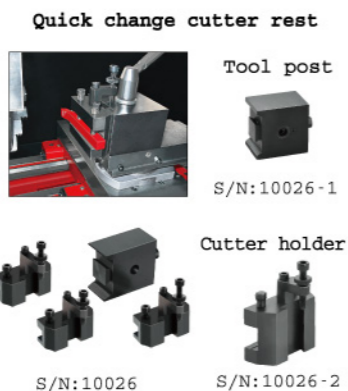
Standard attachment

- Ø125mm 3-jaw Chuck
- MT2 center
- Change gear set
- Wrench set
- Oil can

OPTIONAL ACCESSORIES



Stand
Overall dimension
1040x425x770mm
S/N:10239



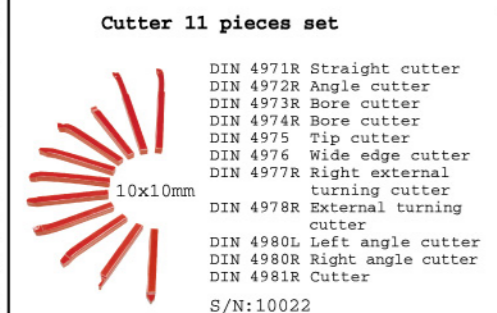
Quick change cutter rest
Tool post
S/N:10026-1
Cutter holder
S/N:10026 S/N:10026-2



Wood toolrest with center
MT#3
S/N:10063



C2 or C3 owner, replace to DRCD by yourself.
Digital readout for cutting depth kit (DRCD kit)
S/N:10294
(Check from SIEG special technology)



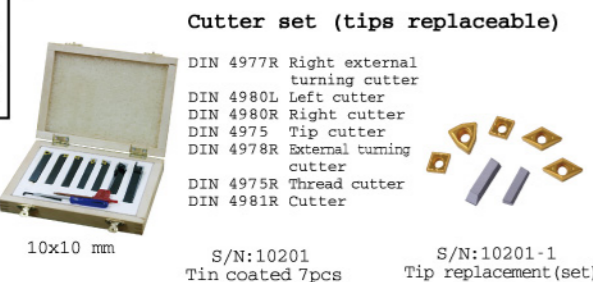
Cutter 11 pieces set
DIN 4971R Straight cutter
DIN 4972R Angle cutter
DIN 4973R Bore cutter
DIN 4974R Bore cutter
DIN 4975 Tip cutter
DIN 4976 Wide edge cutter
DIN 4977R Right external turning cutter
DIN 4978R External turning cutter
DIN 4980L Left angle cutter
DIN 4980R Right angle cutter
DIN 4981R Cutter
S/N:10022



Cutter 2 pieces set
S/N:10028



Mill attachment
Holding capacity 50mm
S/N:10060



Cutter set (tips replaceable)
DIN 4977R Right external turning cutter
DIN 4980L Left cutter
DIN 4980R Right cutter
DIN 4975 Tip cutter
DIN 4978R External turning cutter
DIN 4975R Thread cutter
DIN 4981R Cutter
10x10 mm
S/N:10201
Tin coated 7pcs
S/N:10201-1
Tip replacement(set)



Face plate
Slot size 16mm
Ø220mm
S/N:10023
S/N:10023A
Clamping Kit for face plate



4-jaw chuck (independent)
Ø125mm
S/N:10025
S/N:10025A with flange



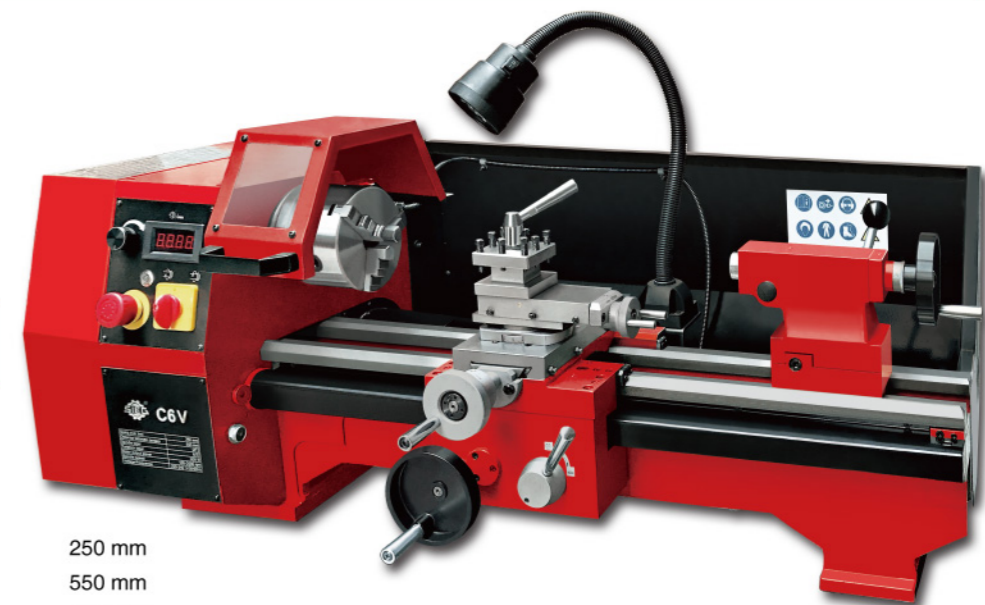
Steady rest Follow rest
S/N:10019 S/N:10020



Rolling center Tailstock chuck
MT#2 S/N:10024
Dia. 13mm+MT#2 S/N:10027

C6V

BENCH LATHE Model 550



NEW

Specifications

Swing over bed	250 mm
Distance between centers	550 mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	100 mm
Compound travel	70 mm
Motor output power	1100 W
Spindle speed (Variable speed)	100-2000 ±10% rpm
Overall dimension	1140x600x450 mm
Packing size (LxWxH)	1200x700x570 mm
Weight(Net&Gross)	145/180 kg

Range of threads

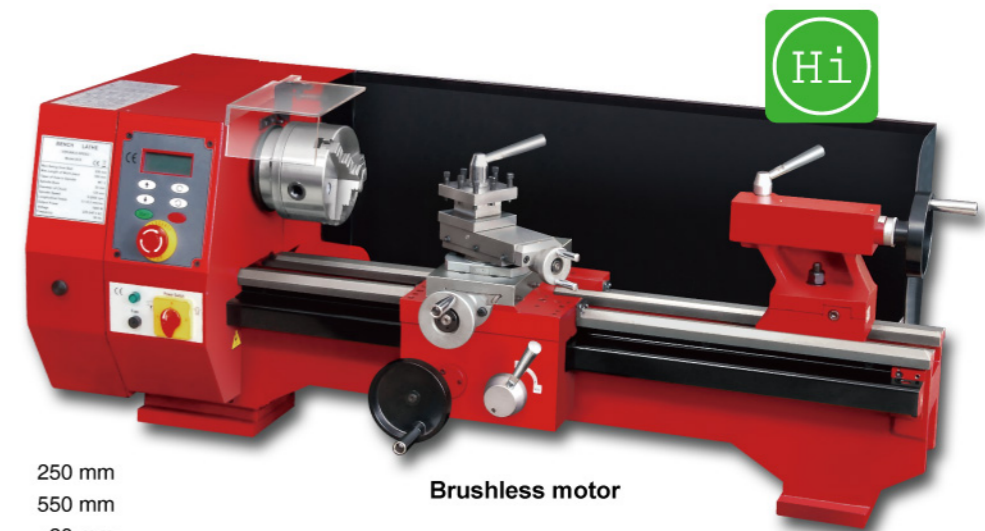
C6V	Metric version	0.4-3.0 mm (12 threads pitches)
	Imperial version	10-44 TPI (8 threads pitches)
C6GV	Metric version	0.2-4.0 mm (18 thread pitches)
	Imperial version	7-80 TPI (24 thread pitches)



C6GV

SC6

BENCH LATHE Model 550



Specifications

Swing over bed	250 mm
Distance between centers	550 mm
Hole through spindle	20 mm
Spindle Taper	MT3
Tailstock Taper	MT2
Cross slide travel	110 mm
Compound travel	75 mm
Range of threads	Metric version 0.4-3.0 mm (12 Thread pitches)
	Imperial version 10-44 TPI (8 Thread pitches)
Motor output power (brushless motor)	1000 W
Voltage	110v/230v/380v
Spindle speed (variable speed)	125-2000 ±10% rpm
Overall dimension (LxWxH)	1140x600x450 mm
Packing Size (LxWxH)	1170x640x580 mm
Weight(Net/Gross)	145/180 kg

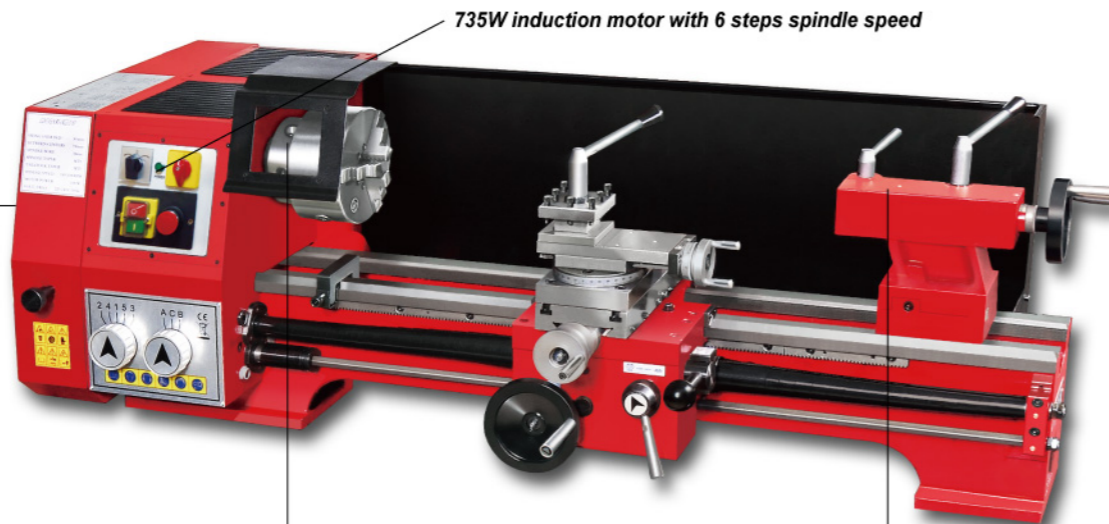
Brushless motor

C10

BENCH LATHE Model 700



38mm spindle hole



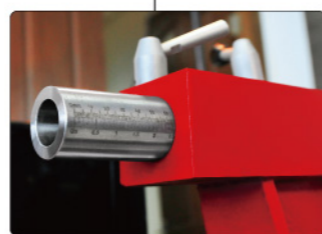
735W induction motor with 6 steps spindle speed

Specifications

Swing over bed	305mm
Distance between centers	700mm
Hole through spindle	38mm
Spindle taper	MT5
Spindle nose	D type
Tailstock taper	MT3
Cross slide travel	155mm
Compound travel	80mm
Metric version	0.25-2.5mm (15 thread pitches)
Imperial version	12-80 TPI (6 thread pitches)
Motor output power	735W
Voltage	110v/230v/380v
Spindle speed	(6 steps) 125-2000 rpm
Overall dimension (LxWxH)	1500x750x730mm
Packing size (LxVxH)	1550x890x670mm
Weight (Net/Gross)	215/255 kg



D type spindle nose



Quill measured both in metric and imperial

Standard Attachment

Ø160 mm 3-jaw chuck MT3 center Wrench set Oil can

SC10

BENCH LATHE Model 700



38mm spindle hole



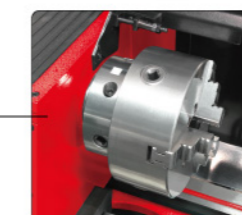
Hi



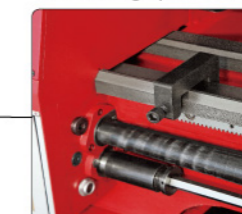
1500W brushless DC motor with variable speed digital readout

Specifications

Swing over bed	305mm
Distance between centers	700mm
Hole through spindle	38mm
Spindle taper	MT5
Spindle nose	D type
Tailstock taper	MT3
Cross slide travel	155mm
Compound travel	80mm
Metric version	0.25-2.5mm (15 thread pitches)
Imperial version	12-80 TPI (6 thread pitches)
Motor output power	(Brushless motor) 1500W
Voltage	110v/230v/380v
Spindle speed	(Variable speed) 100-2000 ±10% rpm
Overall dimension (LxWxH)	1500x750x730mm
Packing size (LxVxH)	1550x890x670mm
Weight (Net/Gross)	215/255 kg



160mm chuck with D type connecting spindle nose



2 axis auto feeding

Standard Attachment

Ø160 mm 3-jaw chuck MT3 center Wrench set Oil can

Carriage stop & overrunning clutch

SC10-Pro available

Stand



Overall dimension 1500x560x770mm
S/N:10209

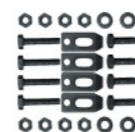
Face plate



Ø255 mm

Slot size 16mm
S/N:10249

Clamping kit for 10207



Bolt size 12mm
S/N:10023A

Quick change cutter rest



S/N:10212

Tool post



S/N:10212-1

Cutter holder



S/N:10212-2

2-axis digital readout



S/N: 20231
Machine originally installed with digital readout available:
C10+20231=Model C10-Digi
SC10+20231=Model SC10-Digi

Rolling Center



MT#3

S/N:10250

Tailstock chuck



Dia. 13mm+MT#3

S/N:10251

2 Flute HSS end mill



Ø4mm S/N:10038
Ø6mm S/N:10039
Ø8mm S/N:10040
Ø10mm S/N:10041
Ø12mm S/N:10042
Ø14mm S/N:10043
Ø16mm S/N:10044
Ø4-16mm set S/N:10045

MT#3 collet



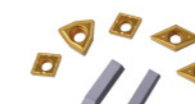
Ø4mm S/N:10119
Ø6mm S/N:10120
Ø8mm S/N:10121
Ø10mm S/N:10122
Ø12mm S/N:10123
Ø14mm S/N:10124
Ø16mm S/N:10125
Ø4-16mm set S/N:10126

Cutter set (tips replaceable)

16x16 mm



S/N:10275 Tin coated 7pcs



S/N:10275-1
Tip replacement (set)

Steady rest



S/N:10247

Follow rest



S/N:10248

Cutter 11 pieces set



16x16mm
S/N:10273

Mill head



S/N:10227

OPTIONAL ACCESSORIES

OPTIONAL ACCESSORIES

C330/C360-1000

Parameter table

Standard Accessories

- Tool Box&Tool Kits
- Center sleeve&2Centers
- Four way tool post&Wrench
- Change gears
- Chip tray&Cabinet Stand
- Motor
- Complete Safety Electrical control System
- Foot operste break
- Ø160mm 3-Jaw Chuck
- LED Lamp24v
- Steady Reat
- Follow Reat
- Complete Coolant Equipment

Optional Accessories

- Ø200mm 4-Jaw Chuck
- D.R.O.
- Face Plate
- Drill Chuck
- Rolling Centres
- Headstock Chuck Guard
- Quick Change Tool Post
- Leadscrew Guard



C400/C400V-1000

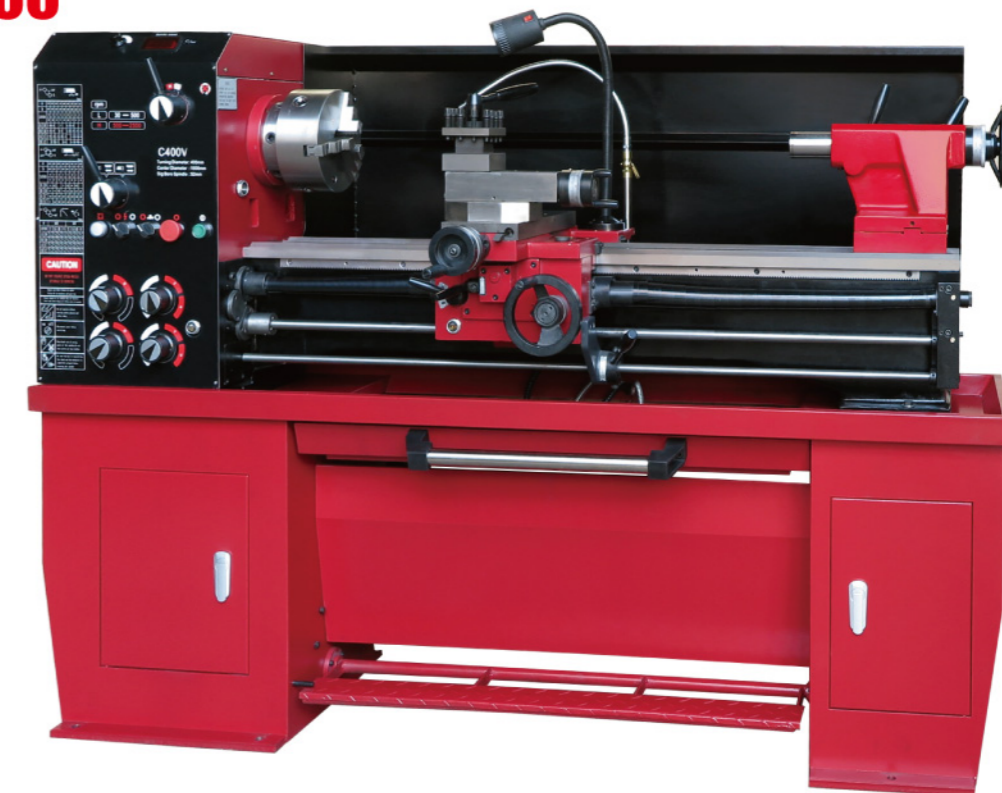
Parameter table

Standard Accessories

- Tool Box&Tool Kits
- Center sleeve&2Centers
- Four way tool post&Wrench
- Change gears
- Chip tray&Cabinet Stand
- Motor
- Complete Safety Electrical control System
- Foot operste break
- Ø200mm 3-Jaw Chuck
- LED Lamp24v
- Steady Reat
- Follow Reat
- Complete Coolant Equipment

Optional Accessories

- Ø200mm/Ø250mm 4-Jaw Chuck
- D.R.O.
- Face Plate
- Drill Chuck
- Rolling Centres
- Headstock Chuck Guard
- Quick Change Tool Post
- Leadscrew Guard



Project Name	Project Content	C330 Parameter	C360 Parameter
CAPACITY	Swing over bed	330 mm	360 mm
	Swing over cross slide	198 mm	215 mm
	Center height	165 mm	180 mm
	Admits between	1000 mm	
	Bed width	205 mm	
	Bed length	1655 mm	
HEADSTOCK	Spindle bore	41 mm	
	Spindle nose	D1-4	
	Spindle bore taper in nose, in sleeve	M.T.#5 / M.T.#4	
	Speeds number	8 or 16 (optional)	
	Speeds range	70-2000R.P.M. or 35-2000R.P.M.(2 speed motor)	
	CARRIAGE & COMPOUND	Cross slide width	140 mm
Cross slide travel		208 mm	
Compound rest width		82 mm	
Compound rest travel		92 mm	
Lead screw diameter		22 mm	
Lead screw thread		8T.P.I. or 2.5 mm pitch	
Feed rod diameter		15 mm	
Cutting tool max. section		16 mm X 16 mm	
THREADS & FEEDS		Threads imperials pitches	34 Nos.4-56 T.P.I.
	Threads metric pitches	26 Nos.0.4-7 mm pitch	
	Threads diametral pitches	36 Nos.8-112 D.P.(optional)	
	Threads module pitches	23 Nos.0.25-3 M.P.(optional)	
	Longitudinal feeds imperial	0.002"-0.548"/Rev. (32Nos)	
	Longitudinal feeds metric	0.052-1.392 mm/ Rev. (32Nos)	
	Cross slide feeds imperial	0.0007"-0.0187"/Rev. (32Nos)	
	Cross slide feeds metric	0.014-0.380 mm/ Rev. (32Nos)	
TAILSTOCK	Quill diameter	42 mm (1 21/32") (NO.4 M.T.)	
	Quill travel	114 mm (4 1/2") (NO.4 M.T.)	
	Quill taper	NO.4 M.T.	
	Set over	10 mm (±3/8")	
MOTOR	For main motor	3HP, 3PH	
	Coolant pump motor	1/8 HP, 3PH	
WEIGHT & MEASURES	Machine dimension (LxWxH)	1930x800x1258 mm	
	Packing dimension (LxWxH) (1set/case)	1940x800x1600 mm	
	NW(Kg) (1set/case)	565 Kgs	655 Kgs
	GW(Kg) (1set/case)	585 Kgs	785 Kgs

Project Name	Project Content	C400 Parameter	C400V Parameter
CAPACITY	Swing over bed	400 mm	400 mm
	Swing over cross slide	248 mm	248 mm
	Center height	200 mm	200 mm
	Admits between	1000 mm	
	Bed width	205 mm	
	Bed length	1655 mm	
HEADSTOCK	Spindle bore	52 mm	
	Spindle nose	D1-5	
	Spindle bore taper in nose, in sleeve	M.T.#6 / M.T.#4	
	Speeds number	8 or 16 (optional)	
	Speeds range	70-2000R.P.M. or 35-2000R.P.M.(2 speed motor)	
	CARRIAGE & COMPOUND	Cross slide width	140 mm
Cross slide travel		208 mm	
Compound rest width		82 mm	
Compound rest travel		92 mm	
Lead screw diameter		22 mm	
Lead screw thread		2.5 mm	
Feed rod diameter		15 mm	
Cutting tool max. section		16 mm X 16 mm	
THREADS & FEEDS		Threads imperials pitches	34 Nos.4-56 T.P.I.
	Threads metric pitches	26 Nos.0.4-7mm	
	Threads diametral pitches	36 Nos.8-112 D.P.	
	Threads module pitches	23 Nos.0.25-3 M.P.	
	Longitudinal feeds imperial	0.002"-0.548"/Rev. (32Nos)	
	Longitudinal feeds metric	0.052-1.392 mm/ Rev. (32Nos)	
	Cross slide feeds imperial	0.0007"-0.0187"/Rev. (32Nos)	
	Cross slide feeds metric	0.014-0.380 mm/ Rev. (32Nos)	
TAILSTOCK	Quill diameter	42 mm (1 21/32") (NO.4 M.T.)	
	Quill travel	114 mm (4 1/2") (NO.4 M.T.)	
	Quill taper	NO.4 M.T.	
	Set over	10 mm (±3/8")	
MOTOR	For main motor	3HP,3PH	
	Coolant pump motor	1/8 HP,3PH	
WEIGHT & MEASURES	Machine dimension (LxWxH)	1930x800x1305 mm	
	Packing dimension (LxWxH) (1set/case)	1940x800x1600 mm	
	NW(Kg) (1set/case)	685 Kgs	
	GW(Kg) (1set/case)	815 Kgs	

U1



SU1



Universal milling machine

What's a universal milling machine?

Easy to convert between horizontal mill and vertical mill by changing the position of the headstock.

Check reviews at www.mini-lathe.com/Mini_mill/Reviews/Reviews.htm

Specifications	U1	SU1
End mill capacity	16 mm	16 mm
Face mill capacity	30 mm	30 mm
Table longitudinal travel(X)	300 mm	300 mm
Table cross travel(Y)	90 mm	90 mm
Spindle box travel(Z)	205 mm	205 mm
Longitudinal milling tilting angle	45°L,45°R	45°L,45°R
Spindle taper	MT3 or R8	MT3 or R8
Max. distance spindle to table	265mm	265mm
Motor output power	350 W	500 W
Spindle speed (variable speed)	0-2000 rpm	0-2500 rpm
Max. sawing cutter diameter	Ø63	Ø63
Table effective size	460x120 mm	460x120 mm
T-slot size	12 mm	12 mm
Overall dimension (LxWxH)	590x870x800 mm	590x870x800 mm
Packing size (LxWxH)	860x870x810 mm	860x870x810 mm
Weight (Net/Gross)	105/125 kg	105/125 kg

Standard attachment

- Horizontal milling attachment
- Ø13 mm Drill chuck
- Wrench set
- Oil can



Horizontal Milling



Vertical milling



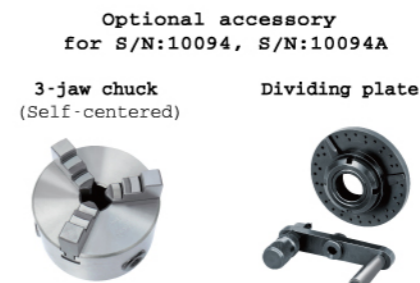
Head tilting

OPTIONAL ACCESSORIES



Rotary table size 100mm

S/N:10094

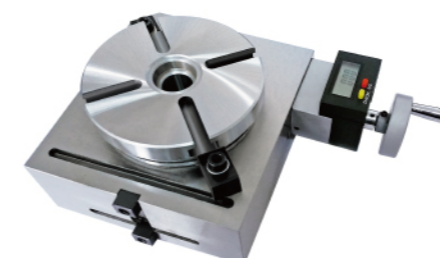


3-jaw chuck (Self-centered)

Ø80 mm S/N:10190

Dividing plate

S/N: 10094-1



4-jaw chuck (Independent)

Ø80 mm S/N:10010



Tailstock

S/N: 10094-2



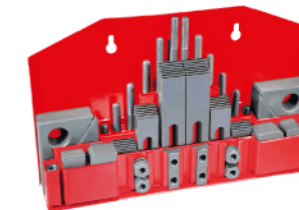
Mill chuck set

MT#3

Chuck dia. 4,6,8,10,12,14,16mm

S/N:10037

Clamping kit



42 pcs.

Bolt size:10mm
include:12 studs, 6 step block pairs, 4 T nuts, 4 flange nuts, 4 coupling nuts, 6 end holdowns

S/N:10047

2 Flute Hss end mill



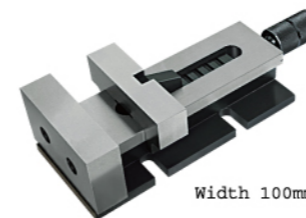
Chuck dia 4.6.8.10.12.14.16mm
S/N:10045

Stand



Overall dimension: 530x650x850mm
S/N:10240C

Quick vice



Width 100mm

S/N:10036

Power feeder



S/N:10301

Indexable carbide end mill



MT#3 Ø50mm

S/N:10113

Indexable carbide end mill



MT#3 Ø30mm

S/N:10046

MT#3 collet set



Ø4.6.8.10.12.14.16mm
S/N:10126

Digital spindle speed readout



S/N:10030 for SU1



X Family

SIEG Milling & Drilling Machine



**X1
SX1
SX1P**

**X2
X2L
SX2
SX2L
SX2P**

X2.7

SX2.7

**X3,X3L
SX3,SX3L**

X3.5

SX3.5

X1 MICRO MILL DRILL Family



X1

Specifications

Drilling capacity	10 mm
End mill capacity	10 mm
Face mill capacity	16 mm
Longitudinal axis (X)	200 mm
Cross axis (Y)	105 mm
Headstock travel (Z)	190 mm
Spindle taper	MT2
Throat	140 mm
Max. distance spindle to table	260 mm
Table effective size	240x145 mm
T-slot size	8 mm
Motor output power	150 W
Spindle speed (variable speed)	Low range 0-1000 ±10% rpm High range 0-2000 ±10% rpm
Overall dimension (LxWxH)	390x360x600 mm
Packing size (LxWxH)	380x420x620 mm
Weight (Net/Gross)	32/44 kg

Standard attachment

Ø10 mm Drill chuck Wrench set Oil can



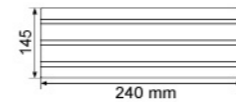
SX1/SX1L

Specifications

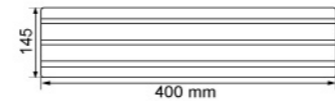
Drilling capacity	10 mm
End mill capacity	10 mm
Face mill capacity	16 mm
Longitudinal axis (X)	200 mm
Cross axis (Y)	105 mm
Headstock travel (Z)	195 mm
Spindle taper	MT2
Throat	140 mm
Max. distance spindle to table	265 mm
Table effective size	240x145 mm
T-slot size	8 mm
Column tilting angle	45°L, 45°R
Motor output power	150 W
Spindle speed (variable speed)	Low range 0-1000 rpm High range 0-2000 rpm
Overall dimension (LxWxH)	480x360x710 mm
Packing size (LxWxH)	380x480x630 mm
Weight (Net/Gross)	44/53 kg

Standard attachment

Ø10 mm Drill chuck Wrench set Oil can



SX1 Table size
Table effective size 240x145 mm



SX1L Bigger table size
Table effective size 400x145 mm
X-axis travel 320 mm
Y-axis travel 140 mm



SX1P

Standard attachment

Drill chuck & Arbor
Drawbar
Wrench set



Spindle Speed Display with Blue Backlight

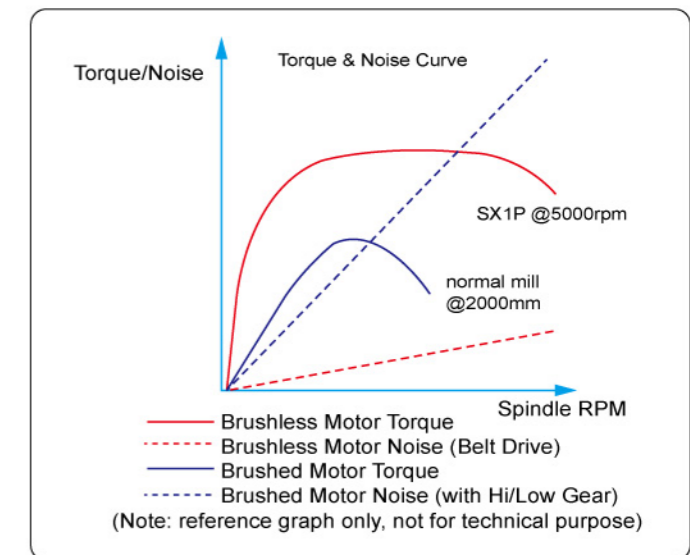
Emergency Button

Variable Speed

Forward/Reverse

Specifications

Drilling capacity	10 mm
End mill capacity	10 mm
Face mill capacity	18 mm
Longitudinal axis (X)	330 mm
Cross axis (Y)	145 mm
Headstock travel (Z)	195 mm
Spindle taper	MT2 or ER16
Throat	140 mm
Max. distance spindle to table	0-265 mm
Spindle Stroke	30mm
Table size	400x145mm
Table effective size	400x145 mm
T-slot size	8 mm
Column tilting angle	Fixed
Motor output power	250W DC
Variable Spindle speed-Hi Torque all the way through	100-5000 rpm
Overall dimension (LxWxH)	515x360x730 mm
Weight (Net/Gross)	48/58 kg



OPTIONAL ACCESSORIES

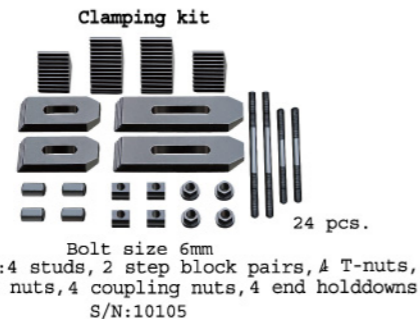


Stand

Overall dimension:
410x490x905mm

S/N:10254
for X1

S/N:10274
for SX1/SX1L/SX1P



Clamping kit

Bolt size 6mm
include: 4 studs, 2 step block pairs, 4 T-nuts,
4 flange nuts, 4 coupling nuts, 4 end holddowns
S/N:10105

Indexable carbide end mill



MT#2 ø16mm
S/N:10071



MT#2 collet

ø3mm S/N:10072
ø4mm S/N:10073
ø5mm S/N:10074
ø6mm S/N:10075
ø8mm S/N:10076
ø10mm S/N:10077
ø3-10mm set S/N:10078

2 Flute HSS end mill



ø3mm S/N:10067
ø4mm S/N:10038
ø5mm S/N:10068
ø6mm S/N:10039
ø8mm S/N:10040
ø10mm S/N:10041
ø3-10mm set S/N:10069



vice

Width 55mm
S/N: 10108



Vice

Width 70mm
S/N: 10133



Quick vice

Width 50mm
S/N:10035



Clamping kit

12pcs. Bolt size 6mm
S/N:10104



ER16 Collets set

S/N10282 Metric set 1,2,3,4,5,6,7,8,9,10mm
S/N10282A Imperial set 1/16", 5/64", 1/8", 3/16",
1/4", 5/16", 3/8"



Mill chuck set

MT#2
Chuck dia.
3, 4, 5, 6, 8, 10mm
S/N:10070

OPTIONAL ACCESSORIES

X2 Family

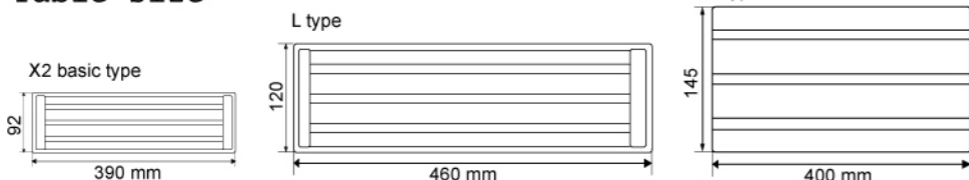
Check reviews at www.mini-lathe.com/Mini_mill/Reviews/Reviews.htm



Family Members:

- X2 Basic model
- X2L X2 with L type table
- SX2 X2 with 500W brushless motor
- SX2L SX2 with L type table
- X2P X2 with fixed column and P type table
- SX2P SX2 with fixed column and P type table
- SX2LF SX2 with fixed column and L type table

Table size



Standard attachment
 Ø13 mm Drill chuck Wrench set Oil can

MINI MILL DRILL

Specifications	X2	SX2	X2L	SX2L	X2P	SX2P	SX2LF
Drilling capacity	13 mm	16 mm	13 mm	16 mm	13 mm	16 mm	16 mm
End mill capacity	16 mm	20 mm	16 mm	20 mm	16 mm	20 mm	20 mm
Face mill capacity	30 mm	35 mm	30 mm	35 mm	30 mm	35 mm	35 mm
Longitudinal axis (X)	220 mm	220 mm	300 mm	300 mm	280 mm	280 mm	300 mm
Cross axis (Y)	100 mm	100 mm	130 mm	130 mm	140 mm	140 mm	130 mm
Headstock travel (Z)	180 mm	180 mm	180 mm	180 mm	260 mm	260 mm	250 mm
Spindle taper	MT3 or R8	MT3 or R8	MT3 or R8	MT3 or R8	MT3 or R8	MT3 or R8	MT3 or R8
Throat	167 mm	167 mm	167 mm	167 mm	167 mm	167 mm	167 mm
Table effective size	390x92 mm	390x92 mm	460x120 mm	460x120 mm	400x145 mm	400x145 mm	460x120 mm
T-slot size	12 mm	12 mm	12 mm	12 mm	8 mm	8 mm	12 mm
Column tilting angle	45°L, 45°R	45°L, 45°R	45°L, 45°R	45°L, 45°R	Fixed	Fixed	Fixed
Motor output power	350 W	500 W	350 W	500 W	350 W	500 W	500 W
Spindle speed Low range	100-1100 rpm	100-2500 rpm	100-1100 rpm	100-2500 rpm	100-1100 rpm	100-2500 rpm	100-2500 rpm
High range	100-2500 rpm		100-2500 rpm		100-2500 rpm		
Overall dimension (LxWxH)	520x510x760 mm	520x510x760 mm	590x580x760 mm	520x580x760 mm	520x580x760 mm	520x580x760 mm	520x580x760 mm
Packing size (LxWxH)	540x480x700 mm	540x540x700 mm	640x600x730 mm	640x600x730 mm	540x540x730 mm	540x540x730 mm	640x600x730 mm
Weight (Net/Gross)	50/65 kg	50/65 kg	60/75kg	60/75 kg	58/70 kg	58/70 kg	58/70 kg

OPTIONAL ACCESSORIES

Rotary table
size 100mm

S/N:10094

Optional accessory for S/N:10094, S/N:10094A

3-jaw chuck (Self-centered)

Ø80 mm
S/N:10190

Dividing plate

S/N: 10094-1

Stand

Overall dimension:410x490x905mm
 S/N:10255A For X2L/SX2L
 S/N:10255B For X2/SX2
 S/N:10274 For X2P/SX2P

4-jaw chuck (Independent)

Ø80 mm
S/N:10010

Tailstock

S/N: 10094-2

Auto feeder

S/N:10300
only for X2,SX2

2 Flute HSS end mill

Ø4mm S/N:10038
 Ø6mm S/N:10039
 Ø8mm S/N:10040
 Ø10mm S/N:10041
 Ø12mm S/N:10042
 Ø14mm S/N:10043
 Ø16mm S/N:10044
 Ø4-16mm set S/N:10045

Quick vice

Width 100mm
S/N:10036

Clamping kit

42 pcs.
 Bolt size:10mm
 include:12 studs, 6 step block pairs, 4 T nuts, 4 flange nuts, 4 coupling nuts, 6 end holddowns
 S/N:10047
 For X2/X2L/SX2/SX2L only

Auto feeder

S/N:10301
only for X2L,SX2L,SX2LF

MT#3 collet

Ø4mm S/N:10119
 Ø6mm S/N:10120
 Ø8mm S/N:10121
 Ø10mm S/N:10122
 Ø12mm S/N:10123
 Ø14mm S/N:10124
 Ø16mm S/N:10125
 Ø4-16mm set S/N:10126

Digital spindle speed readout

S/N:10030
For mini mill SX2

Clamping kit

24 pcs.
 Bolt size 6mm
 S/N:10105
 For X2P/SX2P only

Auto feeder

S/N:10046

Indexable carbide end mill

MT#3 Ø30mm
S/N:10046

Mill chuck set

Chuck dia. 4, 6, 8, 10, 12, 14, 16mm
S/N:10037

vice

Width 80mm
S/N:10109

X2.7

Bench Mill Drill

Specifications

Drilling capacity	20 mm
End milling capacity	16 mm
Face milling capacity	50 mm
Longitudinal travel (X)	400mm
Cross travel (Y)	190mm
Headstock travel(Z)	290 mm
Spindle taper	MT3 or R8
Throat	190 mm
Max. distance spindle to table	370 mm
Table effective size	700x160 mm
T-slot size	12 mm
Power	750 W
Spindle speed	100-2000 rpm± 10%
Overall dimension (LxWxH)	825x620x880mm
Packing size (LxWxH)	940x760x1060mm
Weight(Net&Gross)	111/145kg

Features

- Variable spindle speed
- Feeding depth and spindle speed digital readout
- Fine feeding function
- Long worktable
- Solid column

Standard attachment

Ø13mm drill chuck Wrench set Oil can



SX2.7

Bench Mill Drill

Specifications

Drilling capacity	20 mm
Max. tapping capacity	12 mm
End milling capacity	16 mm
Face milling capacity	50 mm
Longitudinal travel (X)	400mm
Cross travel (Y)	190mm
Headstock travel(Z)	290 mm
Spindle taper	MT3 or R8
Throat	190 mm
Max. distance spindle to table	370 mm
Table effective size	700x160mm
T-slot size	12 mm
Power	750 W
Spindle speed	100-2000 rpm
Overall dimension (LxWxH)	825x620x880mm
Packing size (LxWxH)	960x760x1060mm
Weight(Net&Gross)	111/145kg

Features

- Variable spindle speed
- Feeding depth and spindle speed digital readout
- Touching switch panel
- Tapping function
- Brushless DC motor
- Fine feeding function
- Long worktable
- Solid column

Standard attachment

Ø13mm drill chuck
Wrench set
Oil can



OPTIONAL ACCESSORIES

Rotary table size 100mm S/N:10094	Optional accessory for S/N:10094, S/N:10094A 3-jaw chuck (Self-centered) Ø80 mm S/N:10190 Dividing plate S/N: 10094-1
 S/N:10094A	4-jaw chuck (Independent) Ø80 mm S/N:10010 Tailstock S/N: 10094-2

Work table with angle

Angle range 0-90°
T-slot size 8mm
S/N: 10135

Power feeder

S/N10303 for X2.7, SX2.7
S/N10306 for X2.7L, SX2.7L

Mill chuck set

MT#3
Chuck dia. 4, 6, 8, 10, 12, 14, 16mm
S/N-10037

2 Flute Hss end mill

Chuck dia. 4. 6. 8. 10. 12. 14. 16mm
S/N:10045

MT#3 collet

Ø4mm S/N:10119
Ø6mm S/N:10120
Ø8mm S/N:10121
Ø10mm S/N:10122
Ø12mm S/N:10123
Ø14mm S/N:10124
Ø16mm S/N:10125
Ø4-16mm set S/N:10126

Stand

S/N:10240A
Indexable carbide end mill

MT#3 Ø30mm
S/N:10113

Vice with angle

Width 100mm
S/N: 10142

Vice

Width 80mm
S/N:10109

Quick Vice

Width 100mm
S/N: 10036

Clamping kit

42 pcs.
Bolt size:10mm include:12 studs, 6 step block pairs, 4 T nuts, 4 flange nuts, 4 coupling nuts, 6 end holdowns
S/N:10047

Indexable carbide end mill

MT#3 Ø30mm
S/N:10046

OPTIONAL ACCESSORIES

X2.7D/SX2.7D
X2.7, SX2.7 with 3 axis Display

3 axis Display

X3/X3L

Bench Mill Drill

Specifications

Drilling capacity	25 mm
End mill capacity	16 mm
Face mill capacity	50 mm
Longitudinal axis (X)	400 mm
Cross axis (Y)	145 mm
Headstock travel (Z)	300 mm
Spindle taper	MT3 or R8
Throat	230 mm
Max. distance spindle to table	380 mm
Table effective size	550x160 mm
T-slot size	12 mm
Motor output power	600 W
Spindle speed Low range	100-1000 ±10% rpm
(variable speed) High range	100-2000 ±10% rpm
Overall dimension (LxWxH)	720x760x990 mm
Packing size (LxWxH)	780x800x1050 mm
Weight (Net/Gross)	165/198 kg

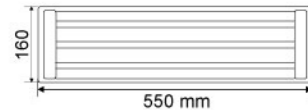
Standard attachment

- Ø13 mm Drill chuck
- Wrench set
- Oil can



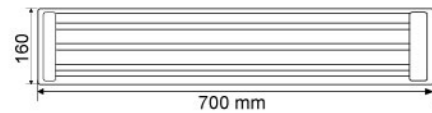
X3/SX3 table size

Table effective size	550x160 mm
X-axis travel	400 mm
Y-axis travel	145 mm



X3L/SX3L Bigger table size

Table effective size	700x160 mm
X-axis travel	490 mm
Y-axis travel	145 mm



Check reviews at www.mini-lathe.com/Mini_mill/Reviews/Reviews.htm

SX3/SX3L

Bench Mill Drill

Specifications

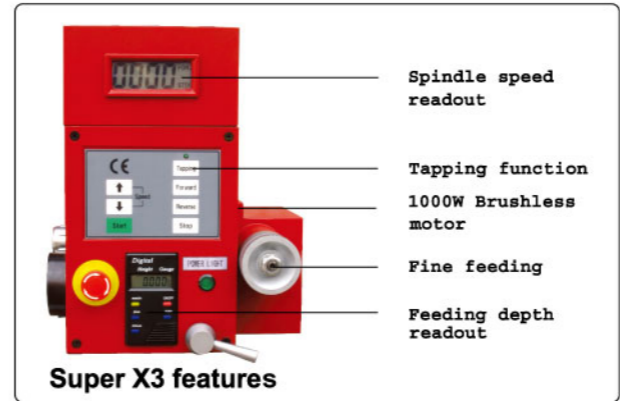
Drilling capacity	25 mm
Max. tapping capacity	12 mm
End mill capacity	16 mm
Face mill capacity	50 mm
Longitudinal axis (X)	400 mm
Cross axis (Y)	145 mm
Headstock travel (Z)	300 mm
Spindle taper	MT3 or R8
Throat	230 mm
Max distance spindle to table	380 mm
Table effective size	550x160 mm
T-slot size	12 mm
Column tilting angle	45°L, 90°R
Motor output power (brushless motor)	1000 W
Spindle speed (variable speed)	100-1800 ±10% rpm
Overall dimension (LxWxH)	720x760x990 mm
Packing size (LxWxH)	780x800x1050 mm
Weight (Net/Gross)	165/198 kg

Features

- Variable spindle speed
- Feeding depth and spindle speed digital readout
- Touching switch panel
- Tapping function
- Brushless DC motor
- Fine feeding function
- Horizontal milling
- Rotatory spindle box

Standard attachment

- Ø13 mm Drill chuck
- Wrench set
- Oil can



Check reviews at www.mini-lathe.com/Mini_mill/Reviews/Reviews.htm

OPTIONAL ACCESSORIES

Rotary table size 100mm



Optional accessory for S/N:10094, S/N:10094A

3-jaw chuck (Self-centered)



Dividing plate



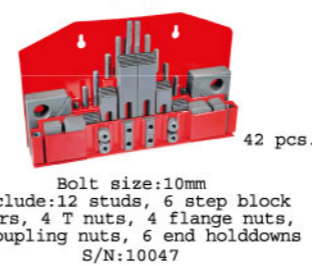
Work table with angle



Power feeder



Clamping kit



Vice with angle



Stand



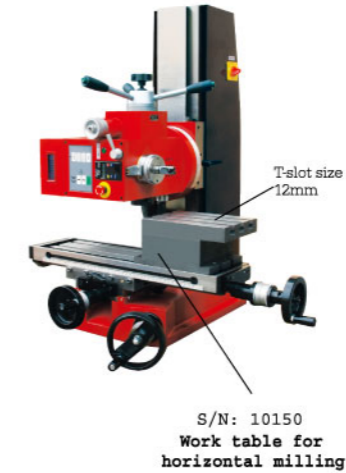
Indexable carbide end mill



MT#3 collet



SX3-Digi/ SX3L-Digi (SX3/SX3L small mill with 3-axis Digital readout)



Indexable carbide end mill



3-axis digital readout

S/N: 10229 for X3/SX3 mill
S/N: 10229A for X3L/SX3L mill

DRO also available for X3/X3L mill

X3.5 Bench Mill Drill

Specifications

Drilling capacity	25 mm
Spindle taper	MT3 or R8
Longitudinal travel (X)	500 mm
Cross travel (Y)	210 mm
Headstock travel(Z)	250 mm with chuck guard
Throat	230 mm
Spindle stroke	78 mm
Max. distance spindle to table	370 mm / MT3
Table effective size	740*180 mm
T-slot size	12 mm
Power	1100 W
Spindle speed	Low range 100-2000 r/min High range 100-5000 r/min
Overall dimension (L*W*H)	950*770*920 mm
Packing size (L*W*H)	1100*920*990 mm
Weight(Net&Gross)	145 / 175 KG

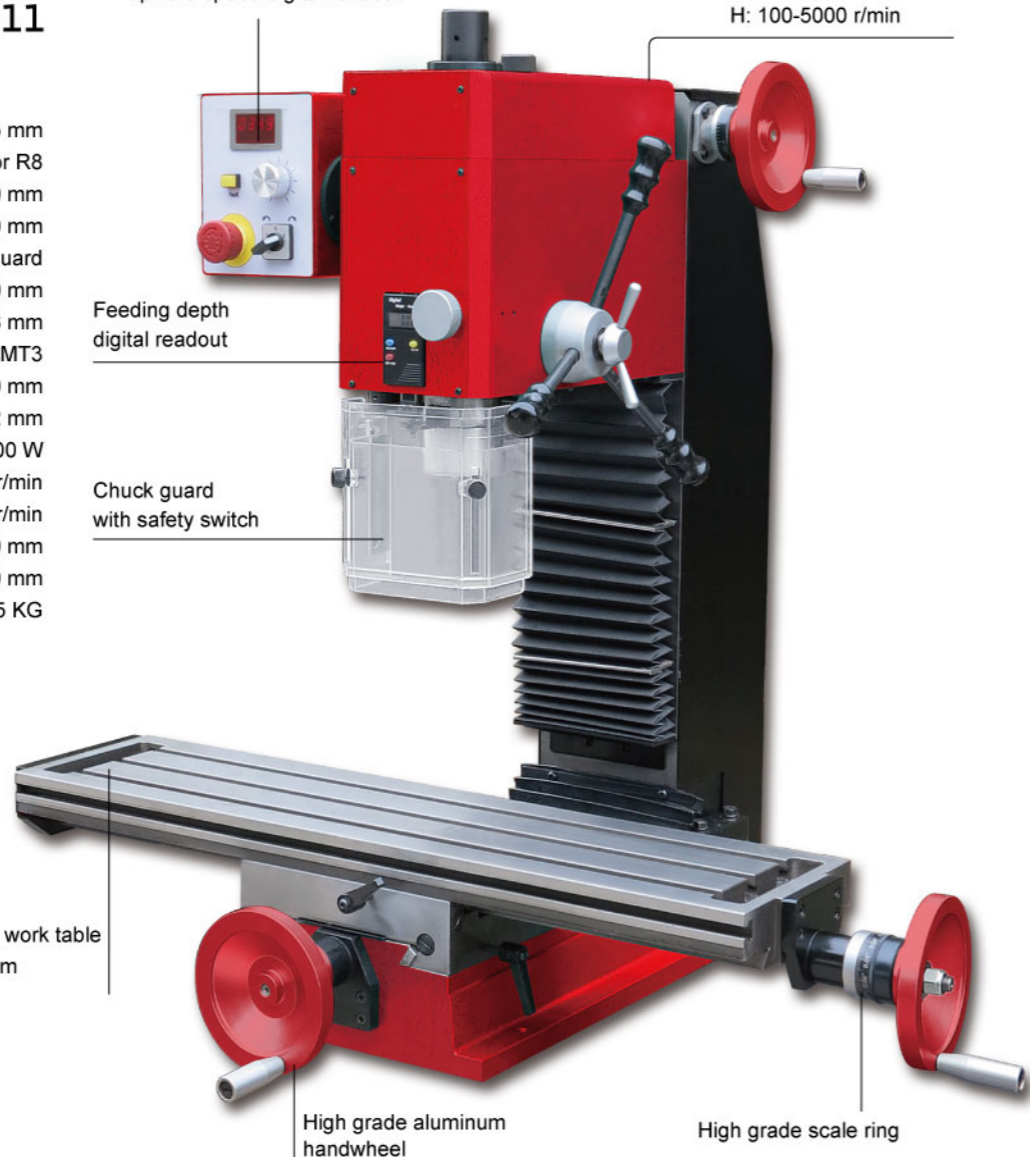
Features

- Variable spindle speed
- Feeding depth and spindle speed digital readout
- Fine feeding

Standard attachment

- Φ13 mm drill chuck
- Wrench set
- Oil can

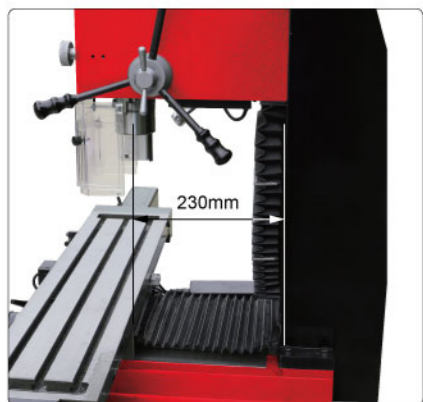
Spindle speed digital readout
2 Spindle speed ranges
L: 100-2000 r/min
H: 100-5000 r/min



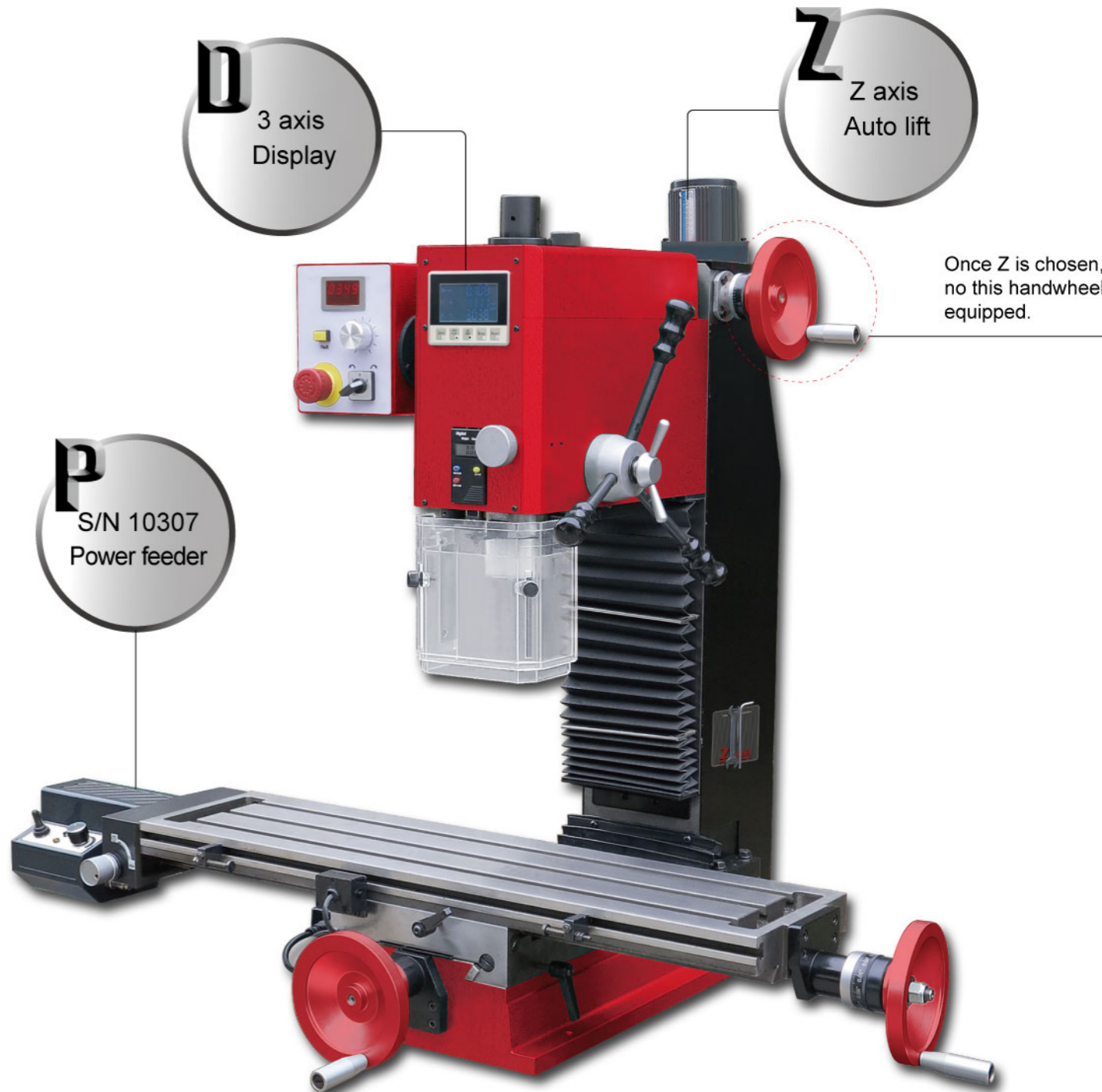
OPTIONAL ACCESSORIES	S/N:10094	Rotary table, size 100mm
	S/N:10094A	Rotary table, size 100mm
	S/N:10094-1	Dividing plate
	S/N:10094-2	Tailstock
	S/N:10037	Mill chuck set(MT#3), Chuck dia.4,6,8,10,12,14,16mm
	S/N:10045	2 Flute Hss end mill, Chuck dia.4,6,8,10,12,14,16mm
	S/N:10036	Quick Vice, width 100mm
	S/N:10142	Vice with angle, width 100mm
	S/N:10109	Vice, width 80mm
	S/N:10047	Clamping kit(42pcs), Bolt size:100mm, include:12 studs 6 step block pairs, 4 T nuts, 4 flange nuts 4 coupling nuts, 6 end holddowns
	S/N:10113	Indexable carbide end mill (MT#3, Ø50mm)
	S/N:10046	Indexable carbide end mill (MT#3, Ø30mm)
	S/N:10119	MT#3 collet, Ø4mm
	S/N:10120	MT#3 collet, Ø6mm
	S/N:10121	MT#3 collet, Ø8mm
	S/N:10122	MT#3 collet, Ø10mm
S/N:10123	MT#3 collet, Ø12mm	
S/N:10124	MT#3 collet, Ø14mm	
S/N:10125	MT#3 collet, Ø16mm	
S/N:10126	MT#3 collet, Ø4-16mm set	



S/N10231 USB Working light



Large throat 230 mm



Model selections chart

Model	D	P	Z
X3.5			
X3.5D	✓		
X3.5P		✓	
X3.5Z			✓
X3.5DP	✓	✓	
X3.5DZ	✓		✓
X3.5DZP	✓	✓	✓



Stand
S/N:10320

SX3.5 Bench Mill Drill

Specifications

Drilling capacity	25 mm
Max. tapping capacity	12 mm
Spindle taper	MT3 or R8
Longitudinal travel (X)	500 mm
Cross travel (Y)	210 mm
Headstock travel(Z)	250 mm with chuck guard
Throat	230 mm
Spindle stroke	78 mm
Max. distance spindle to table	370 mm / MT3
Table effective size	740*180 mm
T-slot size	12 mm
Power (Brushless DC motor)	1000 W
Spindle speed	Low range 100-1800 r/min High range 100-5000 r/min
Overall dimension (L*W*H)	950*770*920 mm
Packing size (L*W*H)	1100*920*990 mm
Weight(Net&Gross)	145 / 175 KG

Features

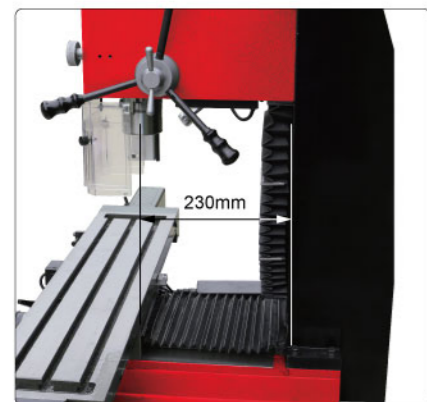
- Variable spindle speed
- Feeding depth and spindle speed digital readout
- Tapping function
- Brushless DC motor
- Fine feeding function
- Large worktable

Standard attachment

- Φ13 mm drill chuck
- Wrench set
- Oil can



S/N10231 USB Working light



Large throat 230 mm

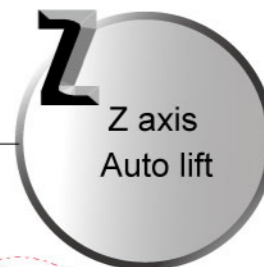
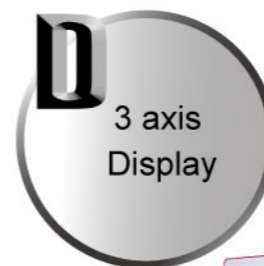


2 Spindle speed ranges
L: 100-1800 r/min
H: 100-5000 r/min

Large size work table
740x180mm

OPTIONAL ACCESSORIES

S/N:10094	Rotary table, size 100mm
S/N:10094A	Rotary table, size 100mm
S/N:10094-1	Dividing plate
S/N:10094-2	Tailstock
S/N:10037	Mill chuck set(MT#3), Chuck dia.4,6,8,10,12,14,16mm
S/N:10045	2 Flute Hss end mill, Chuck dia.4,6,8,10,12,14,16mm
S/N:10036	Quick Vice, width 100mm
S/N:10142	Vice with angle, width 100mm
S/N:10109	Vice, width 80mm
S/N:10047	Clamping kit(42pcs), Bolt size:100mm, include:12 studs 6 step block pairs, 4 T nuts, 4 flange nuts 4 coupling nuts, 6 end holddowns
S/N:10113	Indexable carbide end mill (MT#3, Ø50mm)
S/N:10046	Indexable carbide end mill (MT#3, Ø30mm)
S/N:10119	MT#3 collet, Ø4mm
S/N:10120	MT#3 collet, Ø6mm
S/N:10121	MT#3 collet, Ø8mm
S/N:10122	MT#3 collet, Ø10mm
S/N:10123	MT#3 collet, Ø12mm
S/N:10124	MT#3 collet, Ø14mm
S/N:10125	MT#3 collet, Ø16mm
S/N:10126	MT#3 collet, Ø4-16mm set



Model selections chart

Model	D	P	Z
SX3.5			
SX3.5D	✓		
SX3.5P		✓	
SX3.5Z			✓
SX3.5DP	✓	✓	
SX3.5DZ	✓		✓
SX3.5DZP	✓	✓	✓

Stand
S/N:10320



SX4

BENCH MILL DRILL

Specifications

Drilling capacity	30 mm
Max. tapping capacity	16 mm
End mill capacity	40 mm
Face mill capacity	55 mm
Longitudinal axis (X)	450 mm
Cross axis (Y)	245 mm
Headstock travel (Z)	335 mm
Spindle taper	MT4 or R8
Throat	290 mm
Max distance spindle to table	430 mm
Table effective size	240x820 mm
T-slot size	14 mm
Head tilt	45°L, 45°R
Motor output power (brushless motor)	1500 W
Spindle speed (variable speed)	100-1600 ±10% rpm
Overall dimension (LxWxH)	1060x840x1160 mm
Packing size (LxWxH)	1040x920x1300 mm
Weight (Net/Gross)	230/260 kg

Standard attachment

- Ø16 mm Drill chuck
- Wrench set
- Oil can

Features

- 1500W Brushless DC motor
- Tapping function
- Fine feeding function
- Tilting headstock ,angle digital readout
- Digital readout for drilling depth
- Spindle speed readout



Check reviews at www.mini-lathe.com/Mini_mill/Reviews/Reviews.htm

SX4-pro

BENCH MILL DRILL

With 3-axis Digital readout , power feeder , stand



Tilting angle display



LED working lamp



Drilling depth display



Tapping button



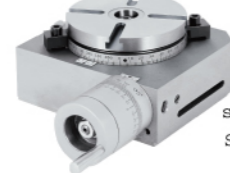
OPTIONAL ACCESSORIES

Stand



S/N:10244
Overall dimension:
550x835x850mm

Rotary table



size 150mm
S/N:10143

Optional accessory for S/N:10143

3-jaw chuck (Self-centering)



Ø125mm
S/N:10101

4-jaw chuck (Independent)



Ø125mm
S/N:10025

Dividing plate (for S/N:10143)



S/N:10143-1

Tailstock (for S/N:10143)



S/N:10143-2

Mill chuck set



MT#3

Chuck dia. 4, 6, 8,
10, 12, 14, 16mm
S/N:10037

3-axis digital readout



S/N: 10230

Indexable carbide end mill



MT#3
Ø50mm

S/N:10113

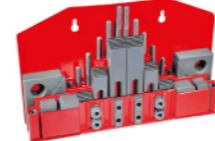
Vice (QH type)



125mm

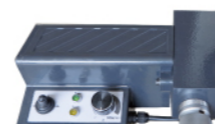
S/N:10048

Clamping kit



58 pcs.
Bolt size:12mm
24 studs, 6 step block pairs,
6 T nuts, 6 flange nuts,
4 coupling nuts, 6 end holdowns
S/N:10049

Power feeder



S/N:10305

SX4-Digi



(SX4 bench mill with
3-axis Digital readout)

M1

MICRO MULTI-PURPOSE MACHINE

Specifications

Cutting

Swing over bed	140 mm
Distance between centers	250 mm
Hole through spindle	10 mm
Spindle taper	MT2
Tailstock taper	MT1
Cross slide travel	50 mm
Range of threads	Metric version 0.5-1.25 mm (5 thread pitches)
	Imperial version 16-24 TPI (5 thread pitches)
Motor output power	150 W
Spindle speed	100-2000 ±10% rpm

Drilling & Milling

Drilling capacity	10 mm
Spindle taper	MT2
Motor output power	150 W
Spindle speed	Low range 100-1000 ±10% rpm
	High range 100-2000 ±10% rpm
Overall dimension (LxWxH)	620x330x570 mm
Packing size (LxWxH)	700x430x620 mm
Weight (Net/Gross)	45/51 kg



Standard attachment

Ø80 mm 3-jaw chuck	Ø10 mm Drill chuck
Wrench set	Oil can

OPTIONAL ACCESSORIES

S/N: 10000	Stand
S/N: 10004	Cutter 5 pieces set DIN 4971R DIN 4980L DIN 4975 DIN 4981R DIN 4980R
S/N: 10010	4-Jaw chuck Ø80mm (independent)
S/N: 10015	Lathe dog
S/N: 10035	Quick vice Width 50mm
S/N: 10069	2 Flute HSS end mill set
S/N: 10070	Mill chuck set
S/N: 10071	Indexable carbide end mill
S/N: 10078	MT#2 collet set
S/N: 10079	Face plate Ø112mm T-slot 8mm
S/N: 10080	Steady rest
S/N: 10081	Follow rest
S/N: 10082	Vertical slider
S/N: 10083	Horizontal slider
S/N: 10084	Thread cutting kits Metric z=40,42,45,48,50,54,60
S/N: 10085	Thread cutting kits Imperial z=36,40,42,45,48,50,54,57,60
S/N: 10086	Wood tool rest wood center
S/N: 10087	Ball cutting set
S/N: 10088	Headstock center MT#2
S/N: 10089	Tool holder (set of 2) Cut-off Cutter Holder Boring Cutter Holder
S/N: 10090	Mill chuck set 3,4,5,6mm

(Check details of M1 optional accessories on page 9 & 26-27)

S/N: 10091	Tailstock chuck+shank MT#1,10mm
S/N: 10093	Rolling center MT#1
S/N: 10108	Vice width 55mm
S/N: 10116	Stub milling machine arbor MT#2,13mm
S/N: 10117	Boring arbor with cutter
S/N: 10118	Stub milling machine arbor MT#2,13mm
S/N: 10144	Quick change cutter rest
S/N: 10145	Cut-off tool



A classroom for training students' working skill established in Shanghai high school.

SM4

MULTI-PURPOSE MACHINE Model 510

Specifications

Lathe

Swing over bed	210 mm
Distance between centers	510mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	100 mm
Compound travel	70 mm
Range of threads	Metric version 0.25-3.0 mm (17 Thread pitches)
	Imperial version 8-24 TPI (10 Thread pitches)
Motor output power (brushless motor)	1000 W
Spindle speed (variable speed)	100-2000 ±10% rpm
Overall dimension (LxWxH)	1000x550x400 mm
Packing Size (LxWxH)	1070x710x530 mm
Weight (Net/Gross)	94/125 kg

Drilling & Milling

Drilling capacity	10 mm
Headstock travel (Z)	230 mm
Spindle taper	MT2
Column tilting angle	30°L, 45°R
Motor output power	150 W
Spindle speed (variable speed)	Low range 100-1000 ±10% rpm
	High range 100-2000 ±10% rpm
Overall dimension (LxWxH)	400x320x600 mm
Packing size (LxWxH)	480x400x630 mm
Weight (Net/Gross)	40/56 kg

Features

Brushless motor	Touching switch panel
Digital spindle speed readout	Cross and longitudinal auto feed
Cut metric and Imperial screw	Quick lock tailstock

Standard attachment

Ø100mm 3-jaw Chuck	MT2 center	Oil can
Change gear set	Wrench set	



SM4=SC4



+



Mill Attachment
S/N:10225

M4=C4



+

M4G=C4G



+

Digital readout for cutting depth kit (DRCD kit)



S/N:10293
(Check from SIEG special technology)

Tailstock chuck



Dia.13mm+MT#2
S/N:10027

Quick vice



Width 50mm
S/N:10035

Quick change cutter rest



S/N:10168
S/N:10168-1 Tool post
S/N:10168-2 Cutter holder

Stand



Overall dimension:
1010x505x780mm
S/N:10238

Steady rest Follow rest



S/N:10160 S/N:10161

Mill chuck set



Chuck dia.4,6,8,10,12,14,16 mm
S/N:10167

Mill chuck set



Chuck dia.3,4,5,6,8,10mm
S/N:10070

S/N: 10162	Face Plate
S/N: 10162A	Clamping Kit for Face Plate
S/N: 10022	Cutter 11 Pieces Set
S/N: 10029	4-jaw chuck (independent)
S/N: 10024	Rolling Center
S/N: 10104	Clamping Kit 12 pcs
S/N: 10071	Indexable Carbide End Mill
S/N: 10117	Boring Arbor with Boring Cutter

OPTIONAL ACCESSORIES

M6

MULTI - PURPOSE MACHINE Model 400/550

Specifications

Lathe

Swing over bed	250 mm
Distance between centers	550 mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	110 mm
Compound travel	75 mm
Range of threads	
Metric version	0.4-3.0 mm (12 threads pitches)
Imperial version	10-44 TPI (8 threads pitches)
Motor output power	550 W
Voltage	110v/230v/380v
Spindle speed(6 step)	125-2000 rpm
Overall dimension (LxWxH)	1140x600x450 mm
Packing Size (LxWxH)	1200x640x570 mm
Weight (Net/Gross)	145/180 kg

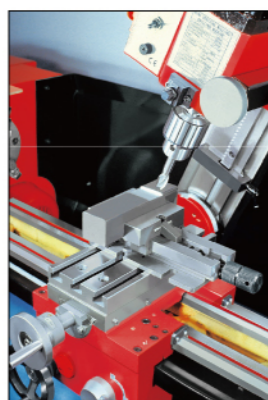
Standard Attachment

- Ø125 mm three jaw chuck
- Ø13 mm drill chuck with taper shank
- MT2 center
- Gear set
- Mill table

Mill table



S/N:10199
240x110 mm
T-slot size 12mm



It's milling now.

M6 = C6



+



M6V = C6V



+

SM6 = SC6



+

Mill Attachment
S/N:10226



Drilling & Milling

Drilling capacity	13 mm
Headstock travel (Z)	180 mm
Spindle taper	MT3 or R8
Column tilting angle	25°L, 45°R
Motor output power	350 W
Spindle speed	
Low range	100-1100 ±10% rpm
High range	100-2500 ±10% rpm
Overall dimension (LxWxH)	380x360x850 mm
Packing size (LxWxH)	760x380x460 mm
Weight (Net/Gross)	30/42 kg
Overall dimension (LxWxH)	1200x680x860 mm

Stand

Overall dimension 1040x425x770mm
S/N:10239

Clamping kit

42 pcs.
Bolt size:10mm
include:12 studs, 6 step block pairs, 4 T nuts, 4 flange nuts, 4 coupling nuts, 6 end holdowns
S/N:10047

Quick change cutter rest

S/N:10026

Mill chuck set

Chuck dia. 4,6,8,10,12,14,16 mm
S/N:10149

Quick vice

Width 100mm
S/N:10036

Cutter 2 pieces set

S/N:10028

Mill chuck set

MT#3

Chuck dia.
4, 6, 8, 10, 12, 14, 16mm
S/N:10037

Cutter 11 pieces set

DIN 4971R Straight cutter
DIN 4972R Angle cutter
DIN 4973R Bore cutter
DIN 4974R Bore cutter
DIN 4975 Tip cutter
DIN 4976 Wide edge cutter
DIN 4977R Right external turning cutter
DIN 4978R External turning cutter
DIN 4980L Left angle cutter
DIN 4980R Right angle cutter
DIN 4981R Cutter
S/N:10022 (10x10mm)

Digital Readout for Cutting Depth (DRCD) for SIEG lathes

S/N:10294
(Check from SIEG special technology)

Tailstock chuck

Dia. 13mm+MT#2
S/N:10027

Rolling center

MT#2
S/N:10024

Indexable carbide end mill

MT#3
ø30mm
S/N:10046

2 Flute Hss end mill

Chuck dia 4.6.8.10.12.14.16mm
S/N:10045

4-jaw chuck with flange (independent)

ø125mm
S/N:10025A

Follow rest Steady rest

S/N:10020 S/N:10019

Face plate

Slot size 16mm
ø220mm
S/N:10023
S/N:10023A
Clamping Kit for face plate

SM6

MULTI - PURPOSE MACHINE Model 550

Specifications

Lathe

Swing over bed	250 mm
Distance between centers	550 mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	110 mm
Compound travel	75 mm
Range of threads	
Metric version	0.4-3.0 mm (12 threads pitches)
Imperial version	10-44 TPI (8 threads pitches)
Motor output power	1000 W
Voltage	110v/230v/380v
Spindle speed(6 step)	125-2000 ±10% rpm
Overall dimension (LxWxH)	1140x600x450 mm
Packing Size (LxWxH)	1200x640x570 mm
Weight (Net/Gross)	145/180 kg

Drilling & Milling

Drilling capacity	13 mm
Headstock travel (Z)	180 mm
Spindle taper	MT3 or R8
Column tilting angle	25°L, 45°R
Motor output power	350 W
Spindle speed	
Low range	100-1100 ±10% rpm
High range	100-2500 ±10% rpm
Overall dimension (LxWxH)	380x360x850 mm
Packing size (LxWxH)	760x380x460 mm
Weight (Net/Gross)	30/42 kg
Overall dimension (LxWxH)	1200x680x860 mm

Standard Attachment

- Ø125 mm three jaw chuck
- MT2 center
- Gear set
- Ø13 mm drill chuck with taper shank
- Mill table



S/N: 10227
SM6-Lux available with 500W
brushless motor milling head

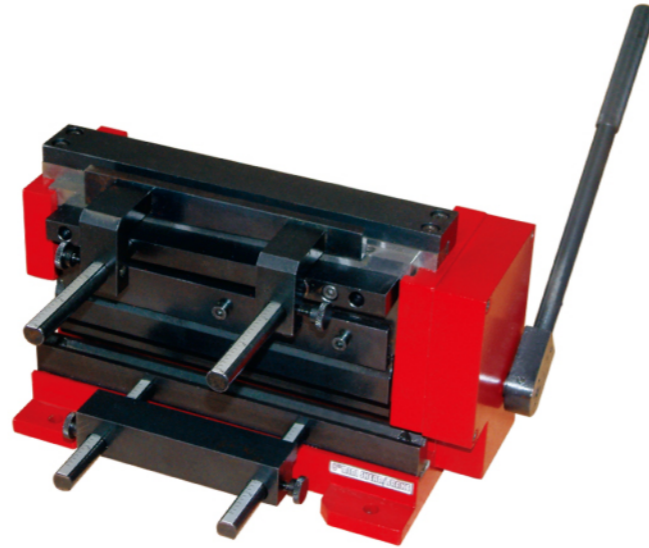
OPTIONAL ACCESSORIES

EXCEPT U.S. MARKET

Combination Shear and
Bending Brake for Precision
Sheet Metal and Circuit
Board Fabrication

MINIATURE SHEAR BRAKE

S/N: 20002
Packing size: 370x215x260 mm
Net weight: 14.55kg



Base dimension	230mm x125mm	
Blade Length	200mm	
Capacity	Aluminum	1.0mm
	Copper	1.0mm
	Circuit Board	1.5mm
	Tinplate Sheet Metal	1.0mm
	brass	1.0mm

**UNIVERSAL TOOL SET**

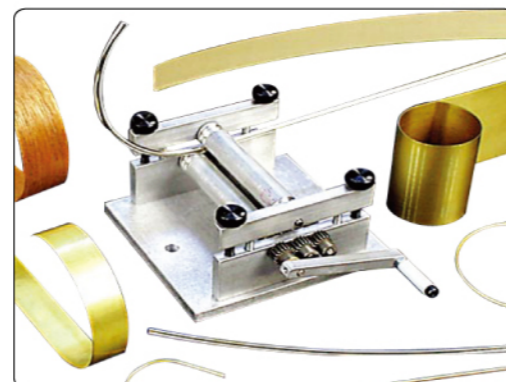
This universal tool set could be used for drilling, tapping, punching, bending, flat pressing or as a vice holder. These function are inter-changeable with one base and different tool sets.

See page 6 for details.

S/N: 20015 Metric set
S/N: 20015A Imperial set
Packing size: 130x110x300 mm
Net weight: 6.3 kg

**MINI BENDING BRAKE**

S/N: 20000
Packing size: 170x75x195 mm
Net weight: 0.38kg

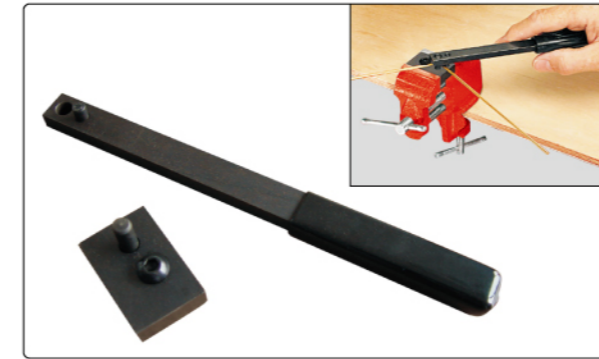
**BENDING MACHINE**

S/N: 20013
Packing size: 120x100x80 mm
Net weight: 1.00kg

**DISK SANDER**

The Disk Sander has a 127 mm dia. Disk. 102 mm x 152 mm slotted aluminum table tilts from 90 degrees to 40 degrees from vertical.

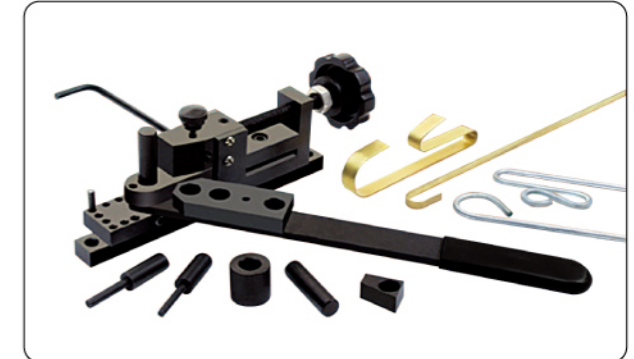
S/N: 20001
Packing size: 360x275x240 mm
Net weight: 5.00kg

**WIRE BENDER**

S/N: 20010
Packing size: 305x130x25 mm
Net weight: 0.25kg

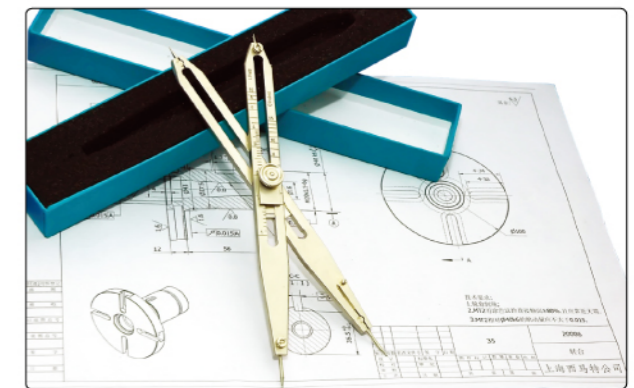
**STANDARD SPRAY BOOTH**

S/N: 20006(small) S/N: 20007(big)
Packing size: 650x500x300mm Packing size: 850x500x300mm
Net weight: 12kg Net weight: 18kg

**UNIVERSAL BENDER**

Bend Metal Wire and Strip into Complex Shapes with Ease

S/N: 20012
Packing size: 330x115x130 mm
Net weight: 3.00kg

**PROPORTIONAL DIVIDER**

S/N: 20009
Packing size: 225x45x30 mm
Net weight: 0.16kg

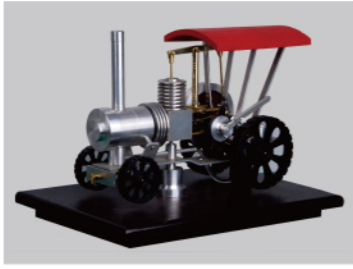
Precision chuck holds taps with shanks 0.8 mm to 6.4 mm diameter. Clearance under chuck: adjustable up to 140 mm. Distance from center of chuck to front of column: 121 mm. Base includes 8 mm T-slots for mounting vises and clamps.

TAPPING FIXTURE

S/N: 20008
Packing size: 360x345x120 mm
Net weight: 5.15kg



Model T Ford:



HAE01



HAE03



HAE02



HAE04



CAN01



CAN02



Hammer Kit

S/N: 20014
Packing size: 265X130X45mm
Net weight: 0.58kg

Stirling Engine kit
(Powered by a clean burning alcohol burner)
The Stirling Engine was invented in 1800's and operates on hot air that alternately expands and contracts to drive two pistons connected to a flywheel. The air is heated by an alcohol burner and the greater the temperature differential, the faster the speed. This walking beam Stirling Engine Kit includes all machined parts and is ready to assemble. It even includes the display base.

CANNON KIT
All brass construction, makes a great display piece itself.


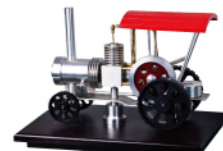
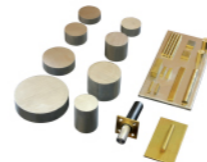


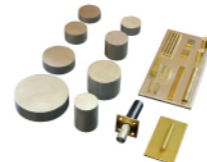


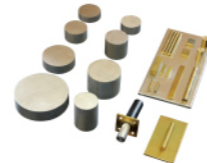


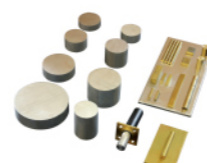

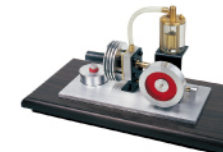



Model Drill

Overall dimension (LxWxH) 95x180x285mm
Packing size (LxWxH) 305x160x115mm
Weight (Net/Gross) 1.4/1.6kg



Model Lathe

Overall dimension (LxWxH) 170x95x180mm
Packing size (LxWxH) 225x195x115mm
Weight (Net/Gross) 1.2/1.5kg

Products Name	Material Kit (Includes all casting and raw parts. Parts must be machined on a lathe and a mill, with some knowledge of tooling to complete)	Machined Kit (Includes all parts necessary for simple tooling and assembly)	Assembled Kit (Provided as a finished product)
T-FORD CAR MODEL	Not available	T-FORD-2  (Available with HAE01)	T-FORD-3 
Stirling Engine Kit	HAE01-1 	HAE01-2 	HAE01-3 
	HAE02-1 	HAE02-2 	HAE02-3 
	HAE03-1 	HAE03-2 	HAE03-3 
	HAE04-1 	HAE04-2 	HAE04-3 
Cannon Kit	CAN01-1  (wood base not included)	Not available	CAN01-3 
	CAN02-1  (wood base not included)	Not available	CAN02-3 