

# PRECISION MACHINE & MODEL

[www.siegind.com](http://www.siegind.com)



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

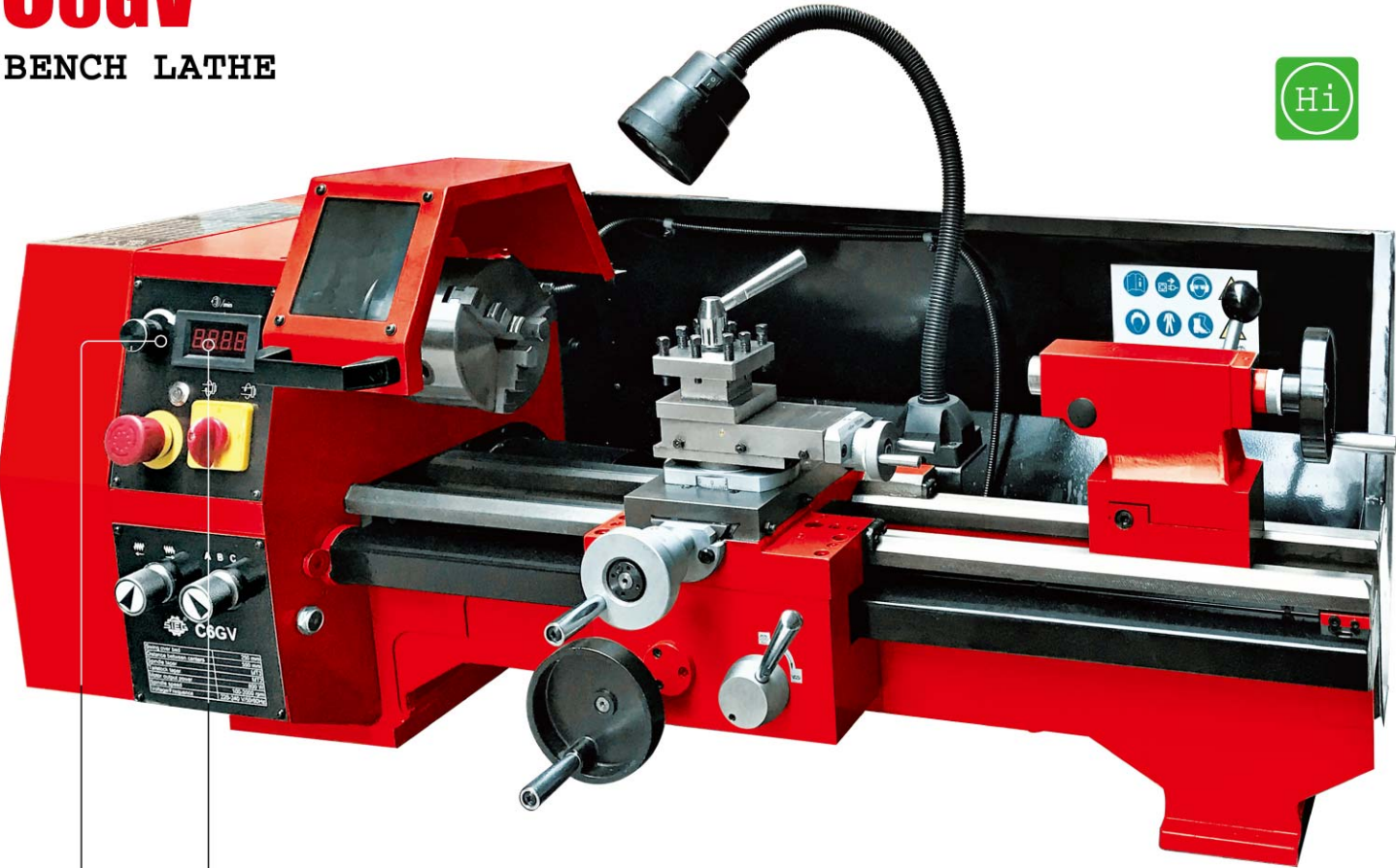
	Brushless Motor	Motor with brush	Ordinary AC Motor
Size	Small	Medium	Big
Weight	Light	Medium	Heavy
Maintenance	None	Often	None
Efficiency	High	Low	Low
Mechanism Speciality	Hard (Stable in Speed)	Soft	Hard
Durability	Long	Short	Long
Stability	Good	Normal	Good
Speed control	Good	Good	None
Low speed torque	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

Choose high performance, choose SIEG HiTorque



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

C6GV  
BENCH LATHE



Bench Lathe  
C6GV (Page17)

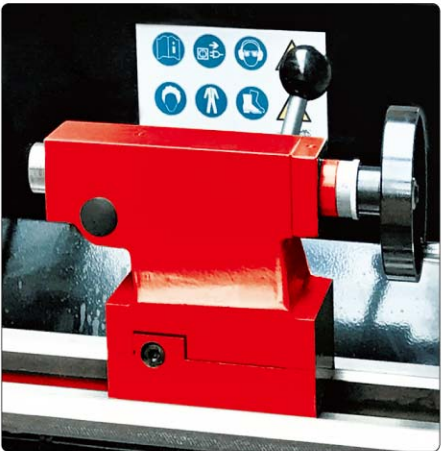
Spindle speed readout  
Variable speed control



Spindle speed readout



With gear box



Quickly lock tailstock



## 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)

OPTIONAL ACCESSORIES

3-jaw chuck  
(Self-centered)



ø80 mm  
S/N:10190

Dividing plate  
(for S/N:10094A)



S/N:10094-1

4-jaw chuck  
(Independent)



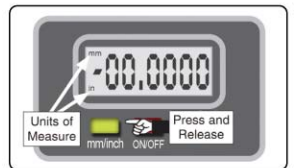
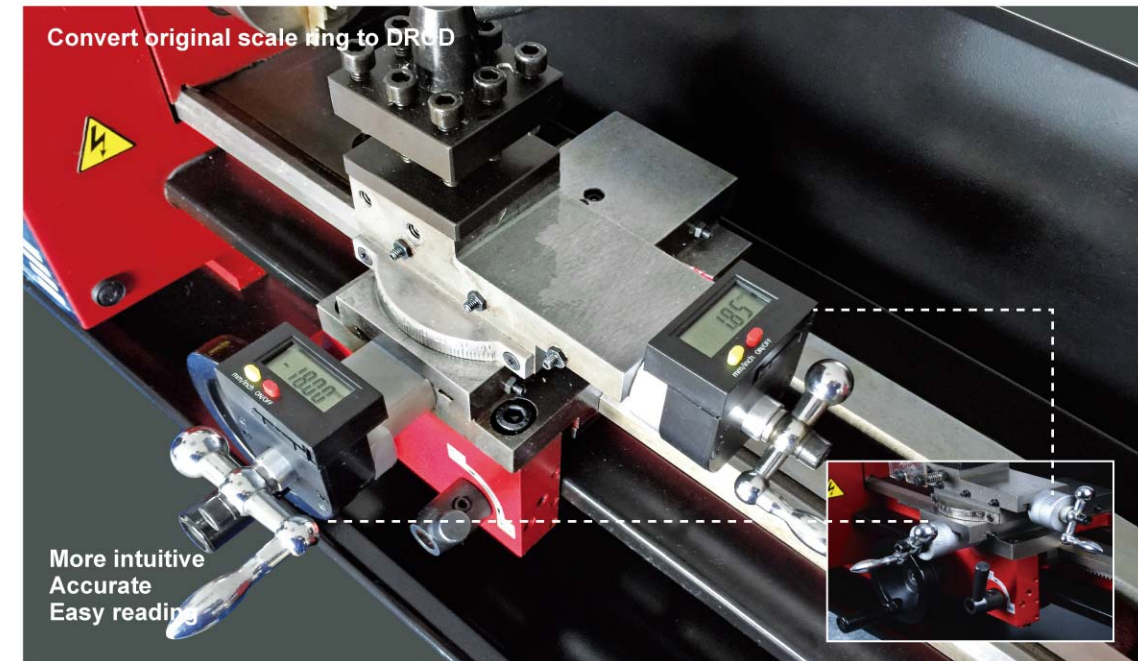
ø80 mm  
S/N:10010

Tailstock  
(for S/N:10094A)

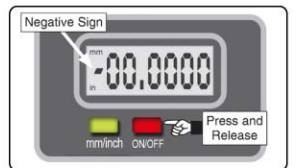


S/N:10094-2

## Digital Readout for Cutting Depth (DRCD) for SIEG lathes



mm/inch translation



zero setting



On/Off button



S/N10292 for C2/C3 series

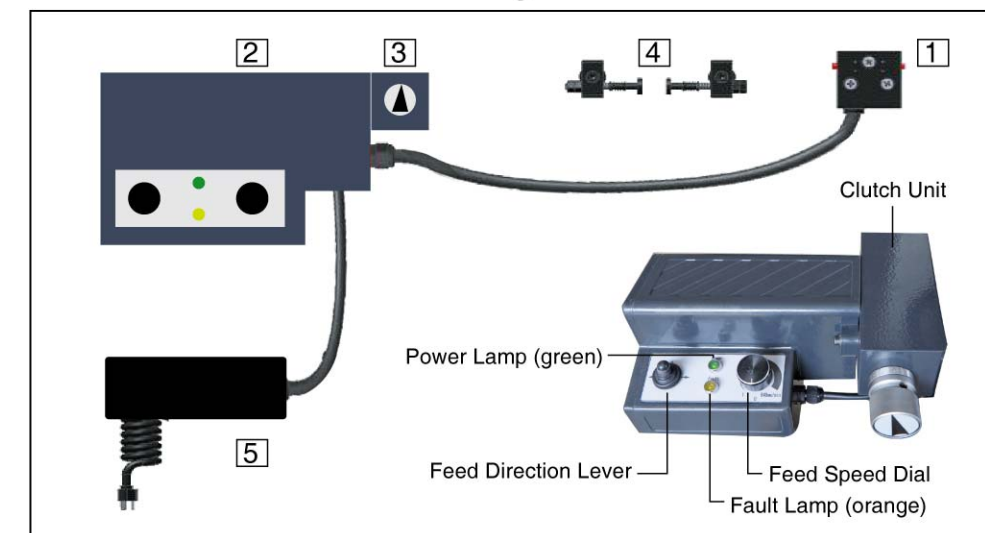


S/N10293 for C4 series



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/N10302 for X2.3, SX2.3
- S/N10303 for X2.7, SX2.7
- S/N10304 for X3, X3L, SX3, SX3L
- S/N10305 for SX4
- S/N10306 for X2.7L, SX2.7L



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:10299	X2.3, SX2.3 mill	565 x 448 x 905 mm
S/N:10240A	XN2, SX2.7, SX2.7L, X2.7,X2.7L 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



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	C8, C10 lathe	1500 x 560 x 770 mm

Get your own colour for Min. order of 30 pieces

Movable Tool Cabinet Workbench

S/N 10291

Specifications

Product Description	48 Inches
Main Material	Steel
Surface Treatment	Power Coating
Caster Dimension	6 Inch
Caster Type	2 Swivel Casters & 2 Swivel Casters with brake
Tabletop material	Rubber Wood
Product Dimension	1219x610x38 mm
Product Dimension	1210x610x1828 mm
Package Dimension	1260x640x790 mm
Weight(Net/Gross)	110/120 kg

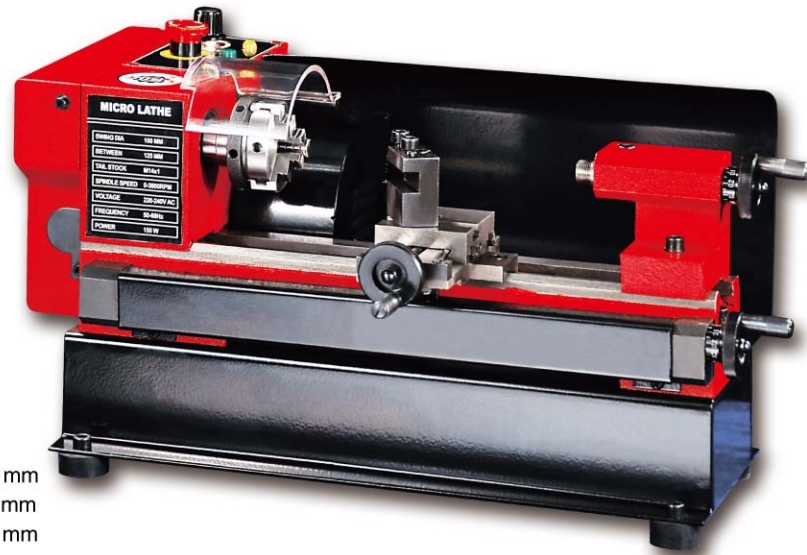
S/N 10290

Specifications

Product Description	30 Inches
Main Material	Steel
Surface Treatment	Power Coating
Caster Dimension	5 Inch
Caster Type	2 Swivel Casters & 2 Swivel Casters with brake
Tabletop material	Rubber Wood
Product Dimension	760x486x32 mm
Product Dimension	760x486x955 mm
Package Dimension	790x495x945 mm
Weight(Net/Gross)	66/73 kg



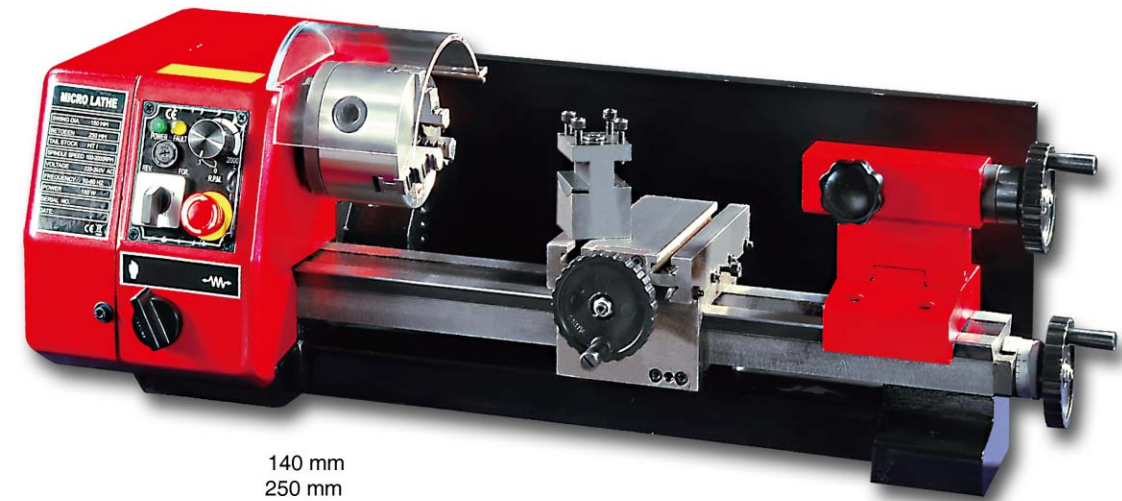


**C0****BABY LATHE****Specifications**

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

**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

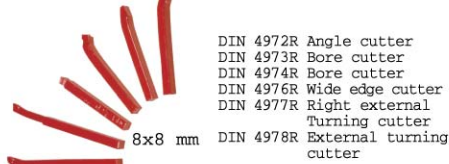
**Tailstock chuck**

S/N:10159

**Cutter set**

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**

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

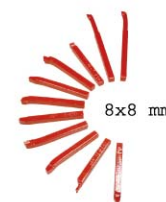
**Cutter set**

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

S/N:10005

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

**Quick change cutter rest**

S/N:10144

**Tool post**

S/N:10144-1

**Cutter holder**

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

**Quick vice**

Width 50mm

S/N:10035

**Mill chuck set**

MT#2

3, 4, 5, 6mm

S/N:10090

**Vertical slider**

T-slot 8mm

S/N:10082

**Horizontal slider**

Rotate angle ±40°

S/N:10083

**Headstock center**

MT#2  
S/N:10088

**Tailstock chuck+shank**

MT#1, 10mm  
S/N:10091

**Thread cutting kits**

Metric z=40, 42, 45, 48, 50, 54, 60

S/N:10084

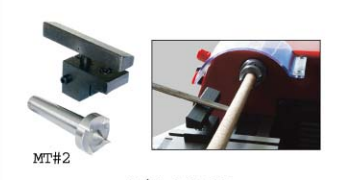
Imperial z=36, 40, 42, 45, 48, 50, 54, 57, 60

S/N:10085

**4-Jaw chuck (independent)**

ø80mm

S/N:10010

**Wood tool rest + center**

S/N:10086

**Tool holder**

Cut-off Blade Holder



Boring Cutter Holder  
S/N:10089

**Tool**

Cut-off Blade



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

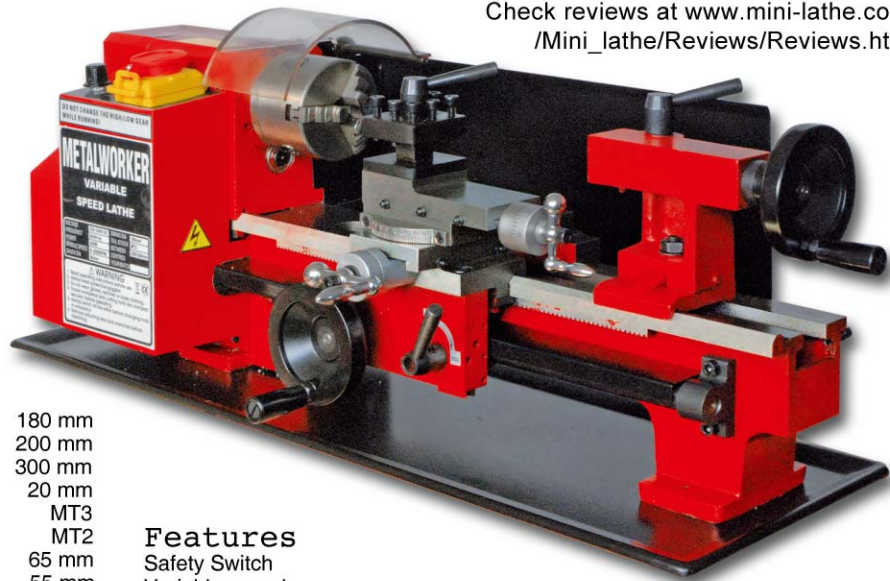
**Steady rest**

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](http://www.mini-lathe.com/Mini_lathe/Reviews/Reviews.htm)**Specifications**

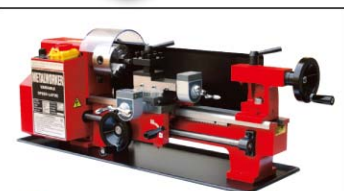
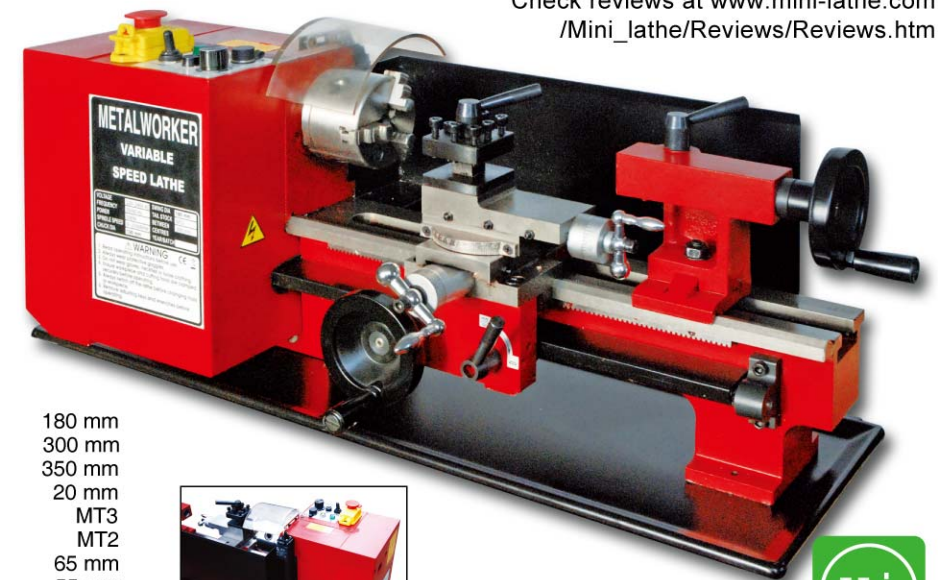
Swing over bed	180 mm
Distance between centers	Model 200 200 mm
	Model 300 300 mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	65 mm
Compound travel	55 mm
Range of threads	Metric version 0.4-2.0 mm (10 thread pitches)
	Imperial version 12-52 TPI (18 thread pitches)
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

**C2A** is C2 with DRCD**SC2****MINI LATHE**  
**Model 300/350**Check reviews at [www.mini-lathe.com/Mini\\_lathe/Reviews/Reviews.htm](http://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

**Stand**Overall dimension: 800x350x890mm  
S/N: 10000**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 SC2/350C2 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 12mmø160mm  
S/N: 10007**Clamping kit  
for face plate**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**MT#3  
S/N: 10013**Rolling center**MT#2  
S/N: 10014**Lathe dog**

S/N: 10015

**Mill attachment**Holding  
capacity  
50mm

S/N: 10061

**Cutter 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: 10005  
Cutter 11 pcs set

DIN 4972R  
DIN 4973R  
DIN 4974R  
DIN 4976  
DIN 4977R  
DIN 4978R

8x8 mm  
S/N: 10006  
Cutter 6 pcs set

DIN 4971  
DIN 4975  
DIN 4980R  
DIN 4980L  
DIN 4981R

8x8 mm  
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**

MT#3

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



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



OPTIONAL ACCESSORIES



Stand  
Overall dimension:860x310x890mm  
S/N:10253D

Steady rest



S/N:10008

Follow rest



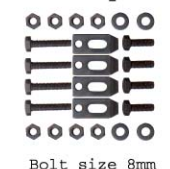
S/N:10009

Face plate



Slot size 12mm  
ø160mm  
S/N:10007

Clamping kit  
for face plate



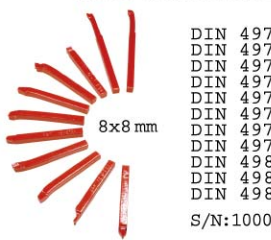
Bolt size 8mm  
S/N:10007A

Cutter set (tips replaceable)



8x8 mm  
S/N:10200 Tin coated 7pcs  
S/N:10200-1  
Tip replacement (set)

Cutter 11 pieces set



8x8 mm  
S/N:10005

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

Digital readout for cutting  
depth kit (DRCD kit)



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

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

Lathe dog



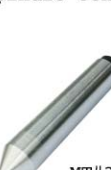
S/N:10015

Rolling center



MT#2  
S/N:10014

Spindle center



MT#3  
S/N:10013

Make your mini lathe more luxury !

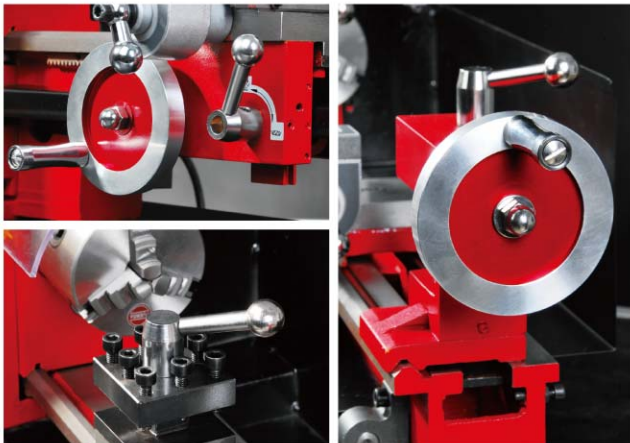


Suitable for C2, C3, SC2

OPTIONAL ACCESSORIES



S/N:10001 Knob & hand wheel kit



Metal gear kit



DRCD kit



S/N:10292



S/N:10002

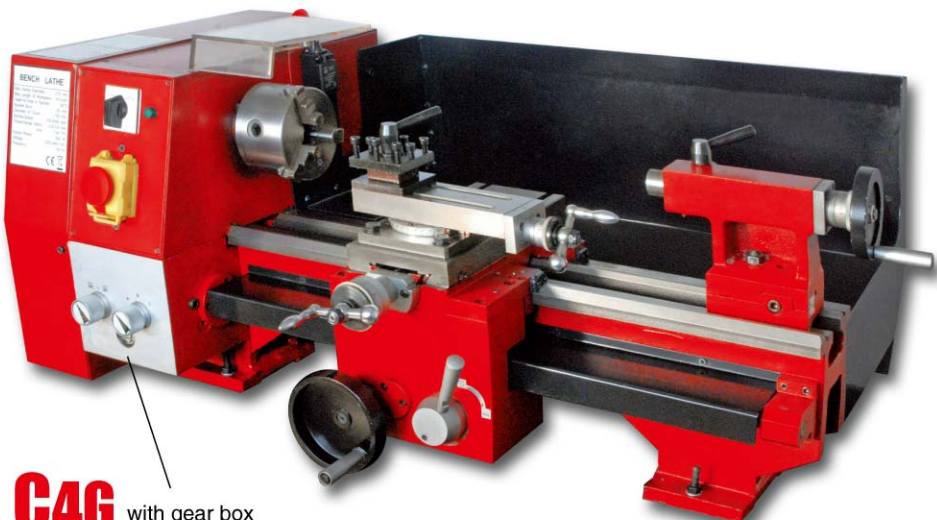


S/N:10003



C4

BENCH LATHE  
Model 410/510



C4G with gear box

Specifications

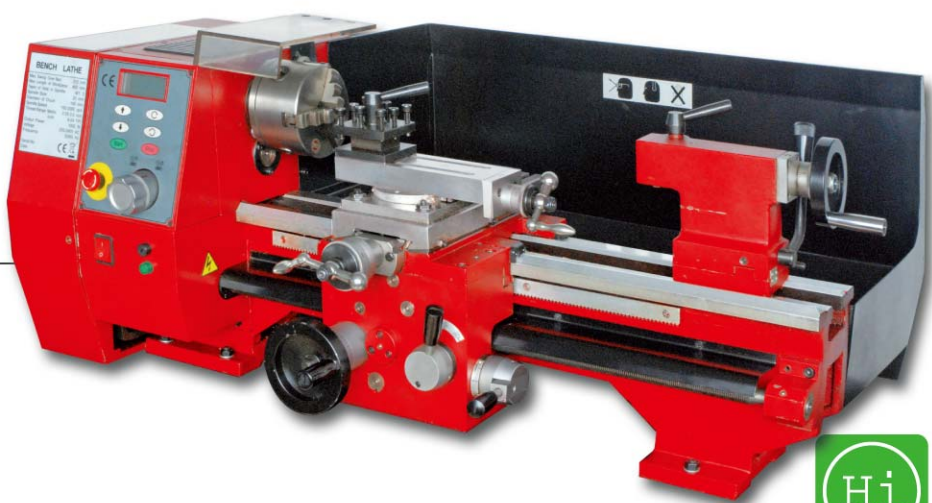
Swing over bed	210 mm	Motor output power	550 W
Distance between centers Model 410	410mm	Spindle speed(6 steps)	100-2000 rpm
Model 510	510mm	Overall dimension(LxWxH)	910x630x400 mm
Hole through spindle	20 mm	Packing size(LxWxH)	1060x710x510 mm
Spindle taper	MT3	Weight(Net/Gross) C4-410	90/117 kg
Tailstock taper	MT2	C4-510	105/132 kg
Cross slide travel	100 mm	C4G-410	94/121 kg
Compound travel	70 mm	C4G-510	109/136 kg
Range of threads C4	Metric version 0.4--3.0 mm (12 Thread pitches)	<b>Standard attachment</b>	
Imperial version	10-44 TPI (8 Thread pitches)	Ø100mm 3-jaw chuck	
C4G	Metric version 0.4--3.5 mm (15 Thread pitches)	MT2 center	
Imperial version	7-44 TPI (12 Thread pitches)	Change gear set	
		Wrench set	
		Oil can	

SC4

BENCH LATHE  
Model 410/510



127T gear enable both metric and imperial thread cutting



Specifications

Swing over bed	210 mm
Distance between centers Model 410	410mm
Model 510	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) Model 410	95/125 kg
Model 510	105/135 kg

Check reviews at  
[www.mini-lathe.com/Mini\\_lathe/Reviews/Reviews.htm](http://www.mini-lathe.com/Mini_lathe/Reviews/Reviews.htm)

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



Overall dimension:1010x505x780mm  
S/N:10238

Rolling center



MT#2  
S/N:10024

Tailstock chuck



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

4-jaw chuck (independent)



Ø100 mm  
S/N:10029

Mill attachment



Make a multi-purpose machine with Mill attachment.  
(Check details on page 25) S/N:10225 (M4MA)

Cutter 11 pieces set



- 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

Steady rest



S/N:10160

Follow rest



S/N:10161

Cutter set (tips replaceable)



S/N:10201  
Tin coated 7pcs



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

Digital readout for cutting depth kit (DRCD kit)



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

Face plate



Slot size 12mm  
180 mm  
S/N:10162

Clamping kit for face plate



Bolt size 12mm  
S/N:10162A

Quick change cutter rest



S/N:10168

Tool post



S/N:10168-1

Cutter holder



S/N:10168-2



OPTIONAL ACCESSORIES



## 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](http://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)

## Steady rest Follow rest



S/N:10019



S/N:10020

## Rolling center

MT#2  
S/N:10024

## Tailstock chuck

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

## 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)



10x10 mm

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

S/N:10201  
Tin coated 7pcsS/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)



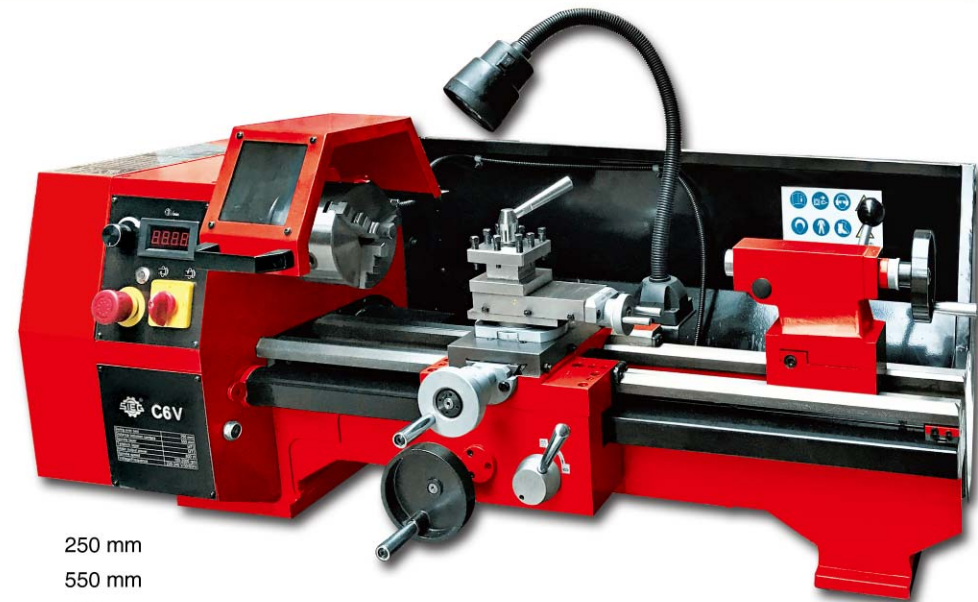
ø125mm

S/N:10025  
S/N:10025A with flange

## C6V

BENCH LATHE  
Model 550

NEW

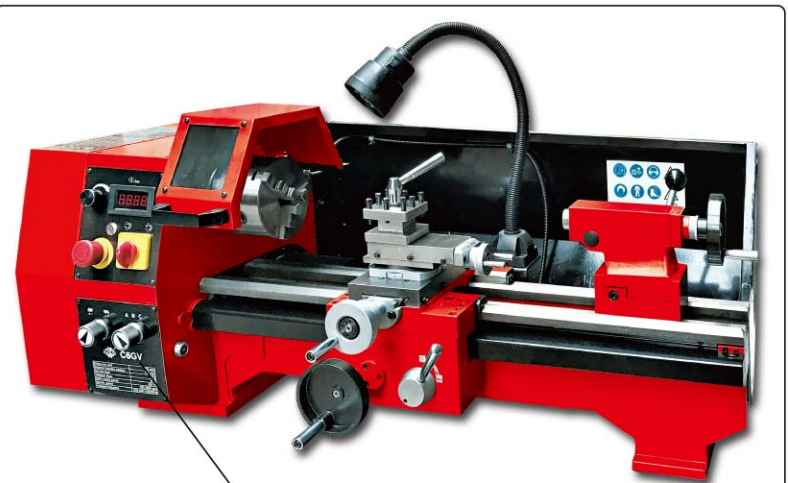


## Specifications

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

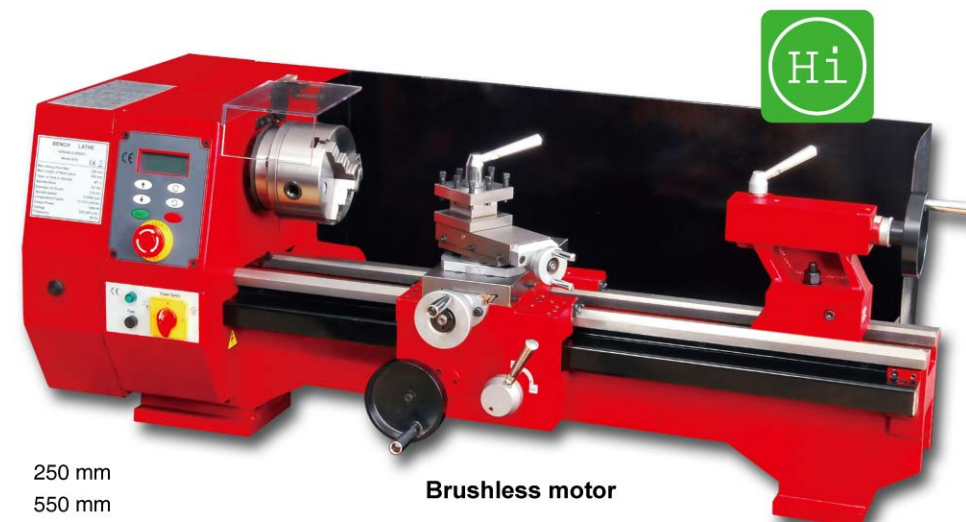
C6V	Metric version	0.4-3.0 mm (12 threads pitches)
	Imperial version	10-44 TPI (8 threads pitches)
C6GV	Metric version	0.2-4.0 mm (18 thread pitches)
	Imperial version	7-80 TPI (24 thread pitches)



C6GV

C6V with gearbox

## SC6

BENCH LATHE  
Model 550

Brushless motor

## 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



C10  
BENCH LATHE  
Model 700



38mm spindle hole

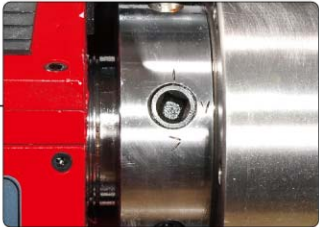
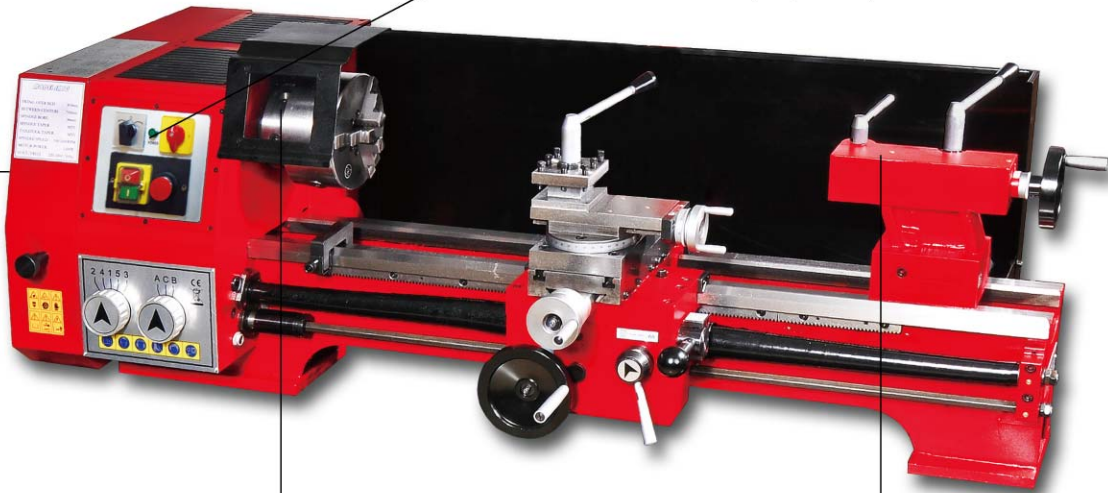
Specifications

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

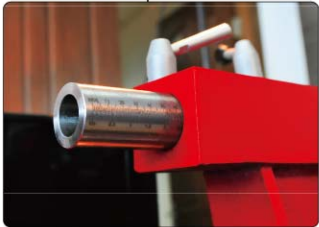
Standard Attachment

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

735W induction motor with 6 steps spindle speed



D type spindle nose



Quill measured both in metric and imperial

SC10  
BENCH LATHE  
Model 700



38mm spindle hole

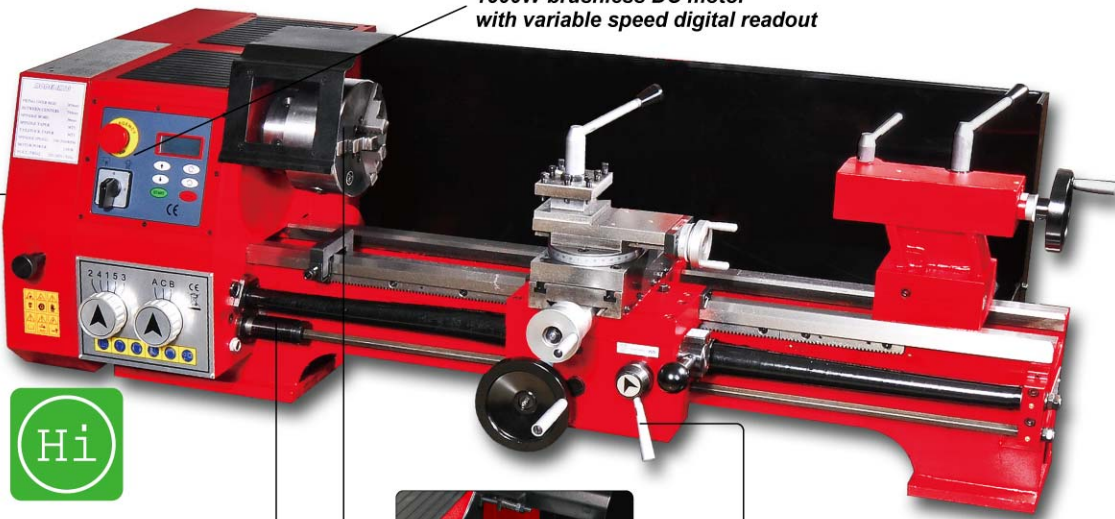
Specifications

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

Standard Attachment

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

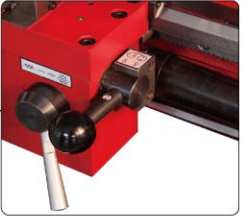
1500W brushless DC motor with variable speed digital readout



160mm chuck with D type connecting spindle nose



Carriage stop & overrunning clutch



2 axis auto feeding

SC10-Pro available

OPTIONAL ACCESSORIES



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

4-jaw chuck  
(self-centering)



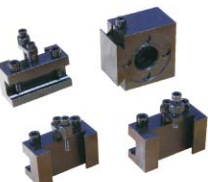
Ø160 mm  
S/N:10252

2-axis digital readout



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

Quick change cutter rest



S/N:10212

Tool post Cutter holder



S/N:10212-1 S/N:10212-2

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

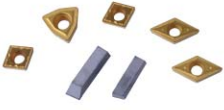


Ø4mm S/N:10119  
Ø6mm S/N:10120  
Ø8mm S/N:10121  
Ø10mm S/N:10122  
Ø12mm S/N:10123  
Ø14mm S/N:10124  
Ø16mm S/N:10125  
Ø4-16mm set S/N:10126

Cutter set (tips replaceable)



16x16 mm  
S/N:10275 Tin coated 7pcs



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

Steady rest



S/N:10247

Cutter 11 pieces set



16x16mm  
S/N:10273

Mill head



S/N:10227

Follow rest



S/N:10248

OPTIONAL ACCESSORIES



U1



SU1



Universal milling machine

What's a universal milling machine?  
Easy to covert 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](http://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



S/N:10094



S/N:10094A

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

3-jaw chuck (Self-centered)



Ø80 mm  
S/N:10190

4-jaw chuck (Independent)



Ø80 mm  
S/N:10010

Dividing plate



S/N: 10094-1

Tailstock



S/N: 10094-2

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



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



# **X** SIEG Milling & Drilling Machine **Family**

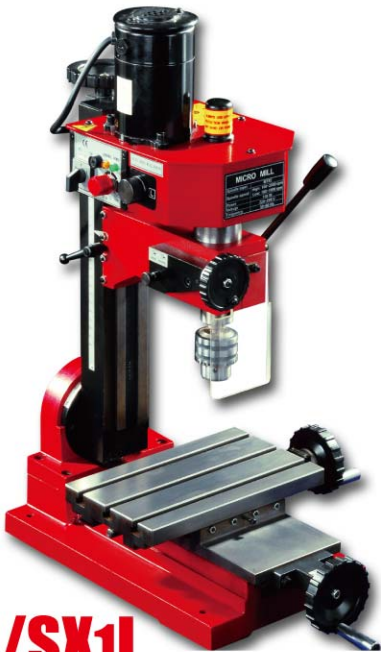




X1 MICRO MILL DRILL Family



X1



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)	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

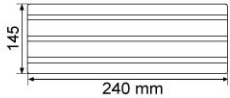
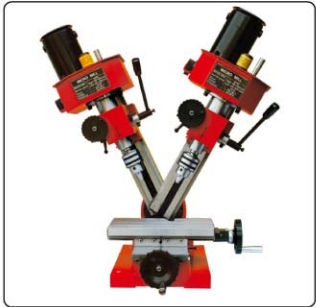
Ø10 mm Drill chuck    Wrench set    Oil can

Specifications

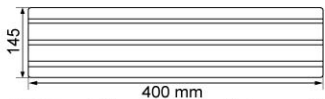
Drilling capacity	10 mm
End mill capacity	10 mm
Face mill capacity	16 mm
Longitudinal axis (X)	200 mm
Cross axis (Y)	105 mm
Headstock travel (Z)	195 mm
Spindle taper	MT2
Throat	140 mm
Max. distance spindle to table	265 mm
Table effective size	240x145 mm
T-slot size	8 mm
Column tilting angle	45°L, 45°R
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

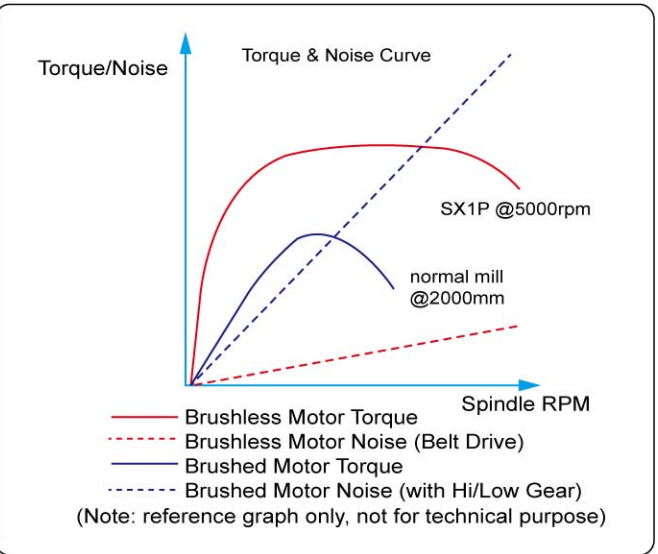
Emergency Button

Variable Speed

Forward/Reverse

Specifications

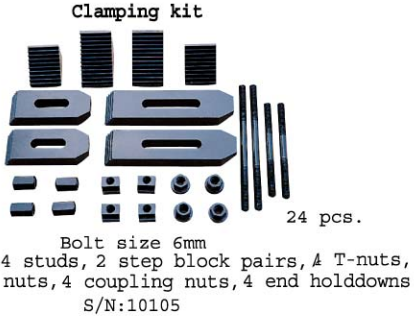
Drilling capacity	10 mm
End mill capacity	10 mm
Face mill capacity	18 mm
Longitudinal axis (X)	330 mm
Cross axis (Y)	145 mm
Headstock travel (Z)	195 mm
Spindle taper	MT2 or ER16
Throat	140 mm
Max. distance spindle to table	0-265 mm
Spindle Stroke	30mm
Table size	400x145mm
Table effective size	400x145 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



Stand

Overall dimension:  
410x490x905mm

S/N:10254  
for X1  
  
S/N:10274  
for SX1/SX1L/SX1P



Clamping kit



Indexable carbide end mill

MT#2 Ø16mm  
S/N:10071



MT#2 collet



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



X2 Family

Check reviews at  
www.mini-lathe.com/Mini\_mill/Reviews/Reviews.htm

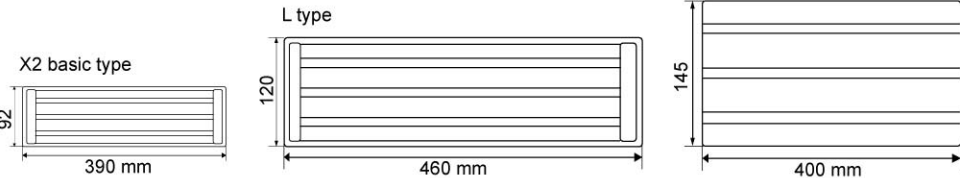


Family Members:

- 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

Standard attachment  
Ø13 mm Drill chuck Wrench set Oil can

Table size



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

**4-jaw chuck**  
(Independent)

Ø80 mm  
S/N:10010

**Tailstock**

S/N: 10094-2

**Stand**

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

**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 holdowns  
S/N:10047  
For X2/X2L/SX2/SX2L only

**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

**Indexable carbide end mill**

MT#3 Ø30mm  
S/N:10046

**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

**Mill chuck set**

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

**vice**

Width 80mm  
S/N:10109



X2.3  
Bench Mill

Specifications

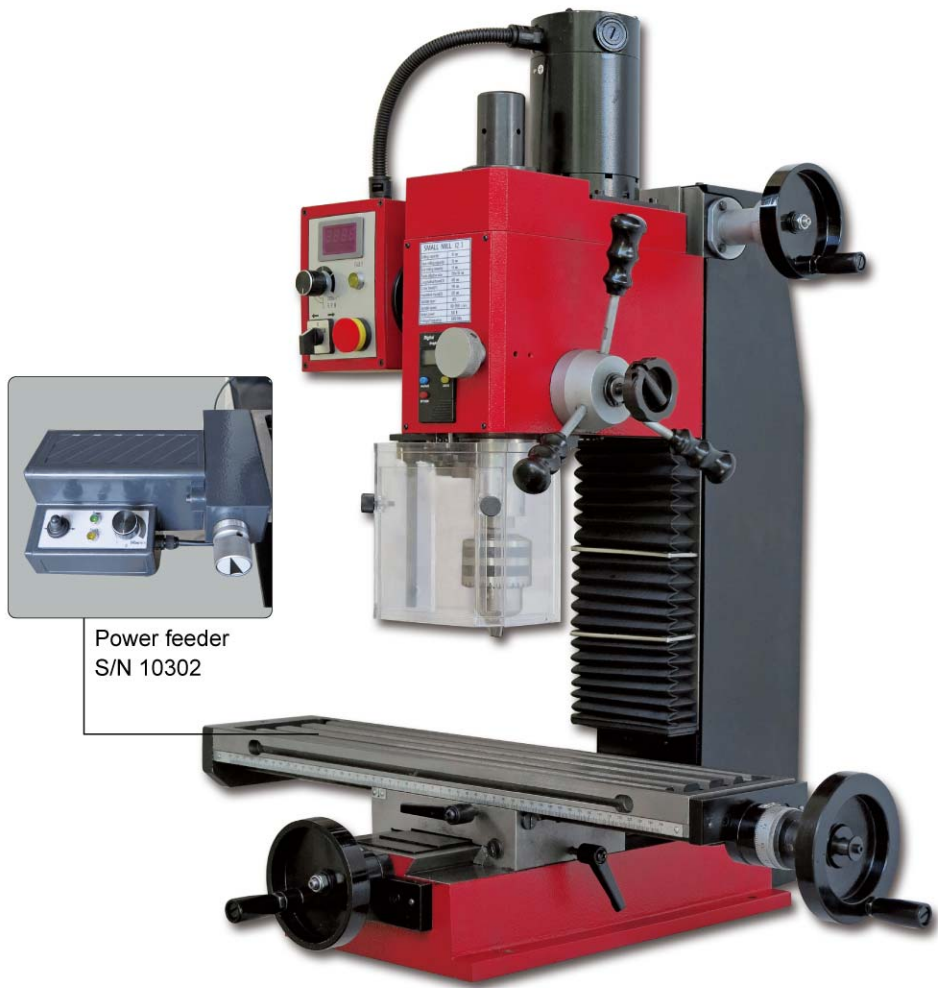
Drilling capacity	20 mm
End milling capacity	16 mm
Face milling capacity	35 mm
Longitudinal travel (X)	400 mm
Cross travel (Y)	190 mm
Headstock travel(Z)	225 mm
Spindle taper	MT3 or R8
Throat	183 mm
Max. distance spindle to table	253 mm
Table effective size	550x130 mm
T-slot size	12 mm
Output power	600 W
Spindle speed	100-2500 rpm
Overall dimension (LxWxH)	750x600x820 mm
Packing size (LxWxH)	820x680x900 mm
Weight (Net/Gross)	82/101 kg

Features

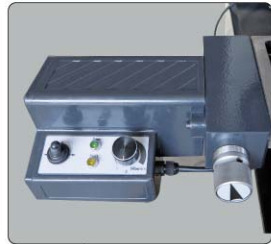
- Variable spindle speed
- Feeding depth and spindle speed
- digital readout
- Fine feeding function
- Long worktable
- Solid column
- Inclined plug iron

Standard attachment

Ø13mm drill chuck    Wrench set



Power feeder  
S/N 10302



SX2.3  
Bench Mill

Specifications

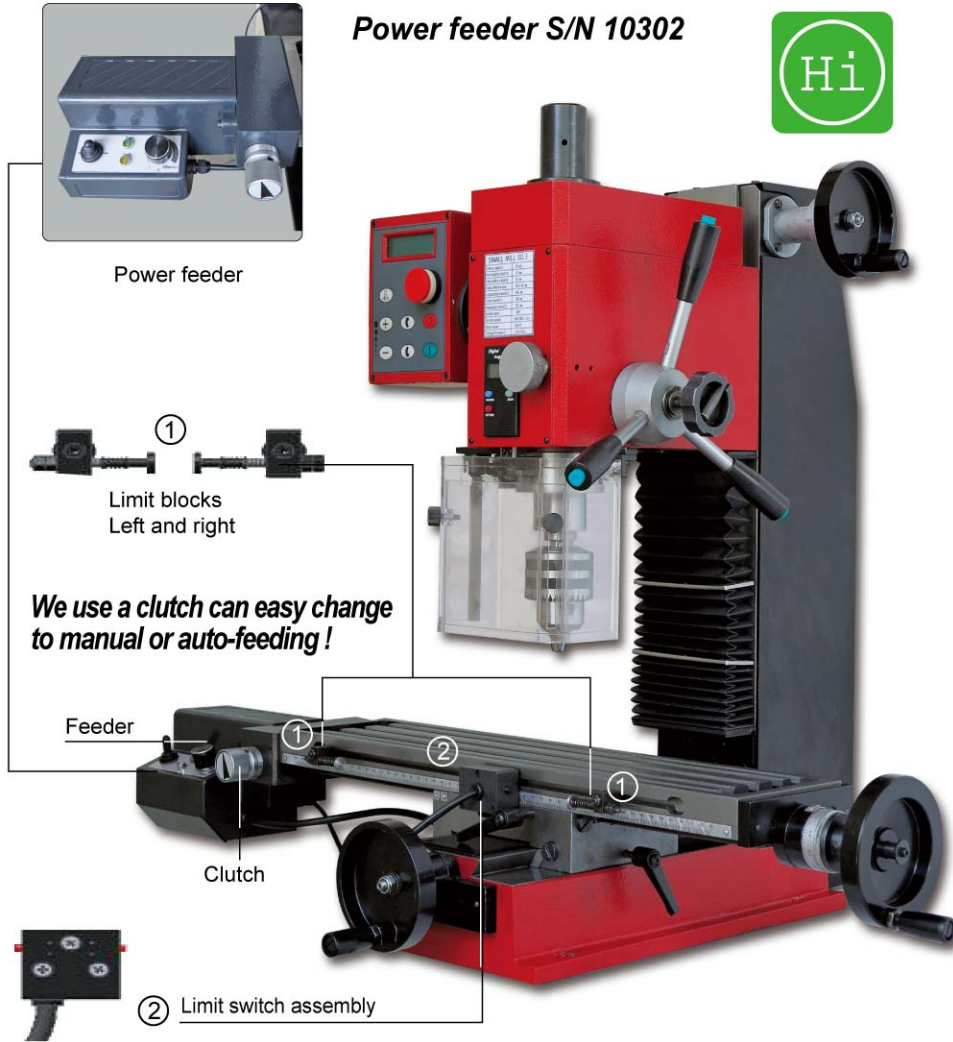
Drilling capacity	20 mm
Max. Tapping capacity	12 mm
End milling capacity	16 mm
Face milling capacity	35 mm
Longitudinal travel (X)	400 mm
Cross travel (Y)	190 mm
Headstock travel(Z)	225 mm
Spindle taper	MT3 or R8
Throat	183 mm
Max. distance spindle to table	253 mm
Table effective size	550x130 mm
T-slot size	12 mm
Output power	600 W
Spindle speed	100-2500 rpm
Overall dimension (LxWxH)	750x600x730 mm
Packing size (LxWxH)	820x680x860 mm
Weight (Net/Gross)	88/106 kg

Features

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

Standard attachment

Ø13mm drill chuck    Wrench set    Oil can



Power feeder S/N 10302

Power feeder

Limit blocks  
Left and right

Feeder

Clutch

Limit switch assembly

We use a clutch can easy change  
to manual or auto-feeding !

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

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

Feeder with clutch



S/N:10302

Vice with angle



Width 100mm  
S/N: 10142

Vice



Width 80mm  
S/N: 10109

Mill chuck set



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

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

Quick Vice



Width 100mm  
S/N: 10036

Indexable carbide  
end mill



S/N:10046

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:10299

OPTIONAL ACCESSORIES



X2.7  
Bench Mill

Specifications	X2.7	X2.7L
Drilling capacity	20 mm	20 mm
End milling capacity	16 mm	16 mm
Face milling capacity	50 mm	50 mm
Longitudinal travel (X)	400mm	500mm
Cross travel (Y)	190mm	170mm
Headstock travel(Z)	290 mm	290 mm
Spindle taper	MT3 or R8	MT3 or R8
Throat	190 mm	190 mm
Max. distance spindle to table	370 mm	370 mm
Table effective size	600x140 mm	700x160 mm
T-slot size	12 mm	12 mm
Power	750 W	750 W
Spindle speed	100-2000 rpm± 10%	100-2000 rpm± 10%
Overall dimension (LxWxH)	725x620x880mm	825x620x880mm
Packing size (LxWxH)	840x760x1060mm	940x760x1060mm
Weight(Net&Gross)	101/135kg	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   3 Axis DRO

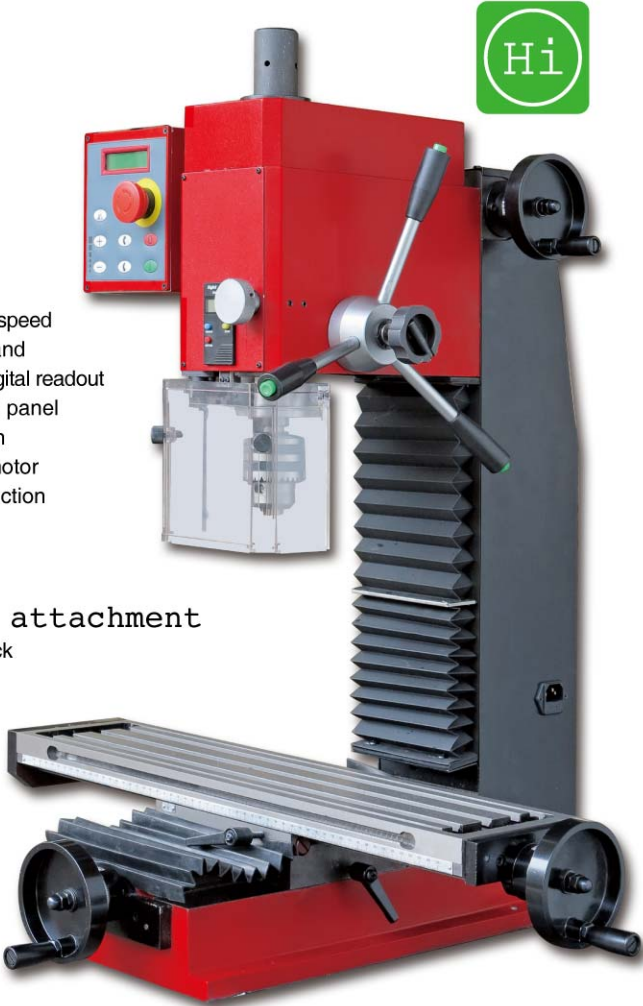


SX2.7  
Bench Mill

Specifications	SX2.7	SX2.7L
Drilling capacity	20 mm	20 mm
Max. tapping capacity	12 mm	12 mm
End milling capacity	16 mm	16 mm
Face milling capacity	50 mm	50 mm
Longitudinal travel (X)	400mm	500mm
Cross travel (Y)	190mm	170mm
Headstock travel(Z)	290 mm	290 mm
Spindle taper	MT3 or R8	MT3 or R8
Throat	190 mm	190 mm
Max. distance spindle to table	370 mm	370 mm
Table effective size	600x140mm	700x160mm
T-slot size	12 mm	12 mm
Power	750 W	750 W
Spindle speed	100-2000 rpm	100-2000 rpm
Overall dimension (LxWxH)	725x620x880mm	825x620x880mm
Packing size (LxWxH)	840x760x1060mm	960x760x1060mm
Weight(Net&Gross)	101/135kg	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

**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/N:10303  
for X2.7, SX2.7  
S/N:10306  
for X2.7L, SX2.7L

**Mill chuck set**

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

**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

**Vice with angle**

Width 100mm  
S/N: 10142

**Vice**

Width 80mm  
S/N:10109

**Quick Vice**

Width 100mm  
S/N: 10036

**Indexable carbide end mill**

MT#3  
ø30mm  
S/N:10046

**Indexable carbide end mill**

MT#3  
ø50mm  
S/N:10113

**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

OPTIONAL ACCESSORIES

**SX2.7** with stand,  
power feeder and 3 Axis  
Digital Readout

Power feeder  
S/N 10306

Stand  
Overall dimension:  
460x730x880mm  
S/N:10240A





# X3/X3L

## SMALL 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

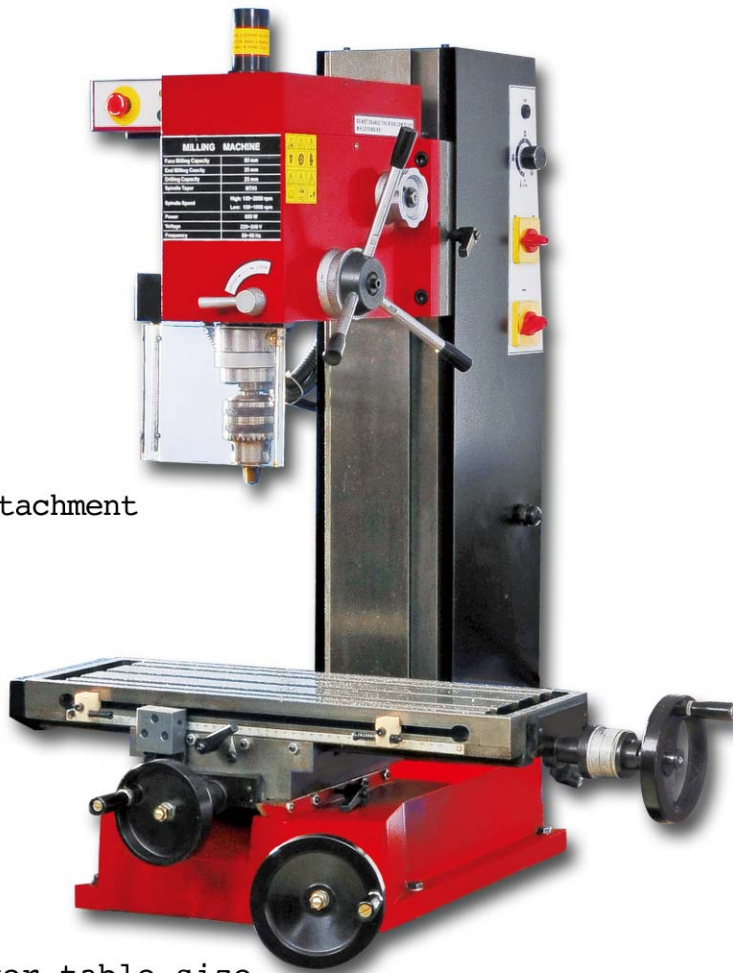
### X3/SX3 table size

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](http://www.mini-lathe.com/Mini_mill/Reviews/Reviews.htm)



# SX3/SX3L

## SMALL 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



### Super X3 features

Spindle speed readout

Tapping function  
1000W Brushless motor

Fine feeding

Feeding depth readout



Check reviews at  
[www.mini-lathe.com/Mini\\_mill/Reviews/Reviews.htm](http://www.mini-lathe.com/Mini_mill/Reviews/Reviews.htm)

### Rotary table size 100mm



S/N:10094



S/N:10094A

### 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

#### 4-jaw chuck (Independent)



Ø80 mm  
S/N:10010

#### Tailstock



S/N: 10094-2

### Mill chuck set



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

### Quick Vice



Width 100mm  
S/N: 10036

### Work table with angle



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

### Vice with angle



S/N: 10142

### Vice



S/N:10109 Width 80mm

### Power feeder



S/N:10304

### Stand



S/N:10240B  
Overall dimension:  
460x730x880mm

### 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  
ø50mm  
S/N:10113

### 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

### Indexable carbide end mill



MT#3  
ø30mm  
S/N:10046



S/N: 10150  
Work table for horizontal milling

### 3-axis digital readout

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

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



DRO also available for X3/X3L mill



# 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](http://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



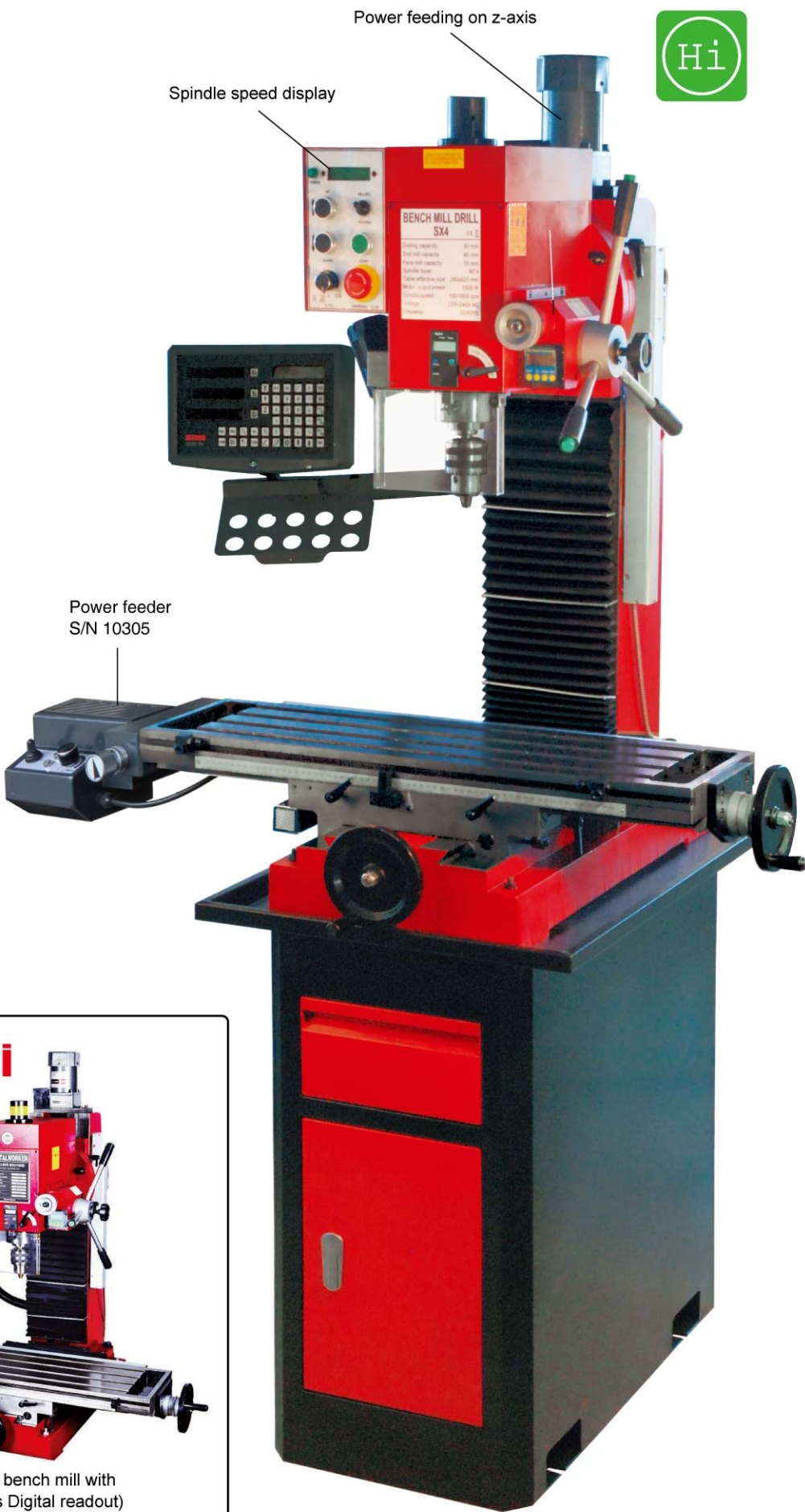
LED working lamp



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



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

SM4

MULTI - PURPOSE MACHINE  
Model 410/510

Specifications

Lathe

Swing over bed	210 mm
Distance between centers	Model 410 410mm
	Model 510 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

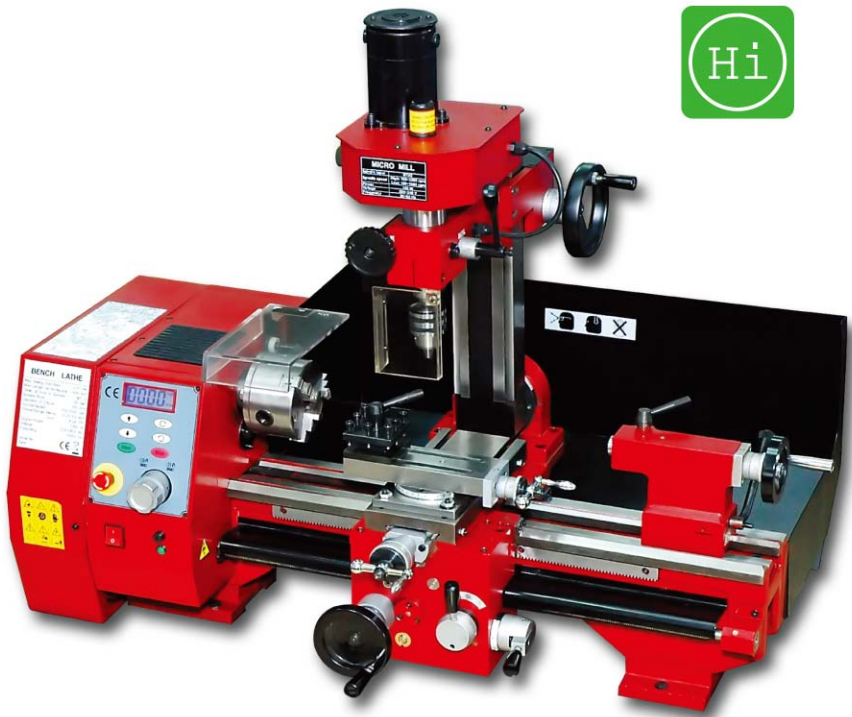
Drilling capacity	10 mm
Headstock travel (Z)	230 mm
Spindle taper	MT2
Column tilting angle	30°L, 45°R
Motor output power	150 W
Spindle speed (variable speed)	Low range 100-1000 ±10% rpm
	High range 100-2000 ±10% rpm
Overall dimension (LxWxH)	400x320x600 mm
Packing size (LxWxH)	480x400x630 mm
Weight (Net/Gross)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



+



M4=C4



+

M4G=C4G



+

Mill Attachment  
S/N:10225

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 7 & 24)	

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.

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



MT#2  
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
(Check details on page 12)	

OPTIONAL ACCESSORIES



# M6

## MULTI - PURPOSE MACHINE Model 400/550

### Specifications

#### Lathe

Swing over bed	250 mm
Distance between centers	Model 400 400 mm
	Model 550 550 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)	
Model 400	1040x600x450 mm
Model 550	1140x600x450 mm
Packing Size (LxWxH)	
Model 400	1040x640x570 mm
Model 550	1200x640x570 mm
Weight (Net/Gross)	Model 400 125/160 kg
	Model 550 145/180 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



+



Mill Attachment  
 S/N:10226

M6V = C6V

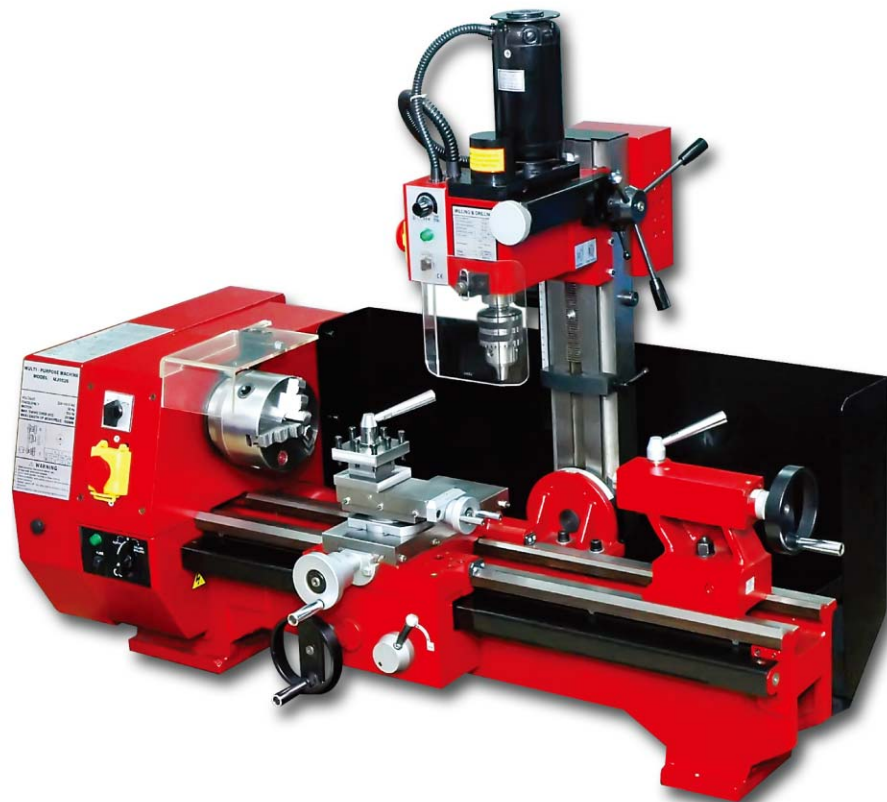


+

SM6 = SC6



+



### 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)	Model 400 1100x680x860 mm
Overall dimension (LxWxH)	Model 550 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



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

#### Cutter 11 pieces set



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



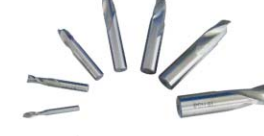
MT#2  
 S/N:10024

#### 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

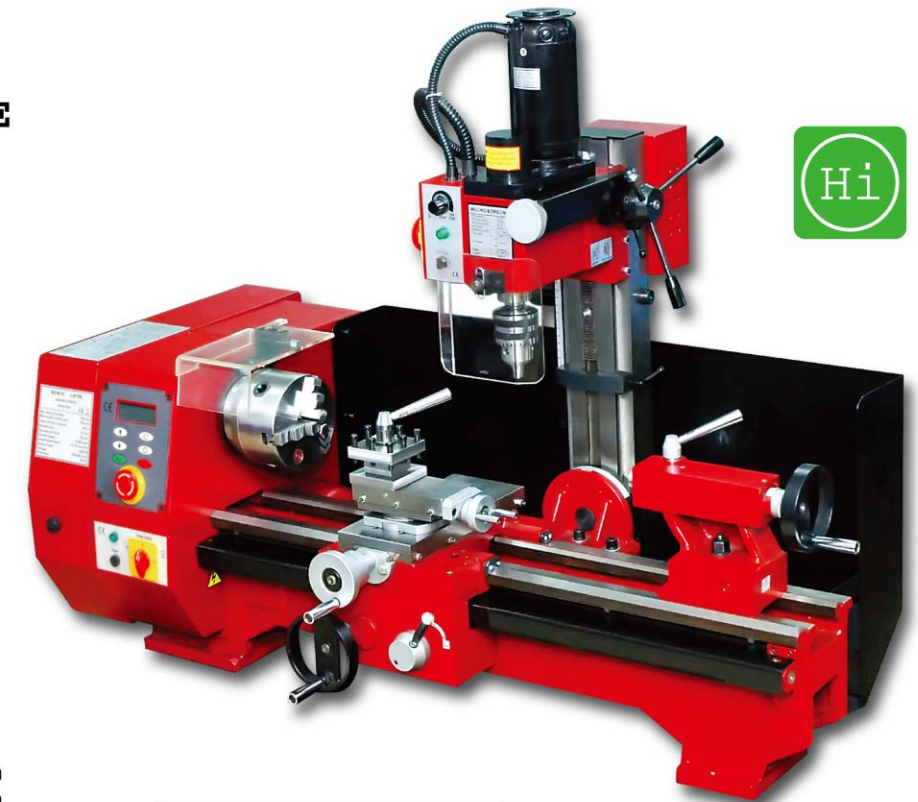
Swing over bed	250 mm
Distance between centers	550 mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	110 mm
Compound travel	75 mm
Range of threads	
Metric version	0.4-3.0 mm (12 threads pitches)
Imperial version	10-44 TPI (8 threads pitches)
Motor output power	1000 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



**EXCEPT U.S. MARKET**

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

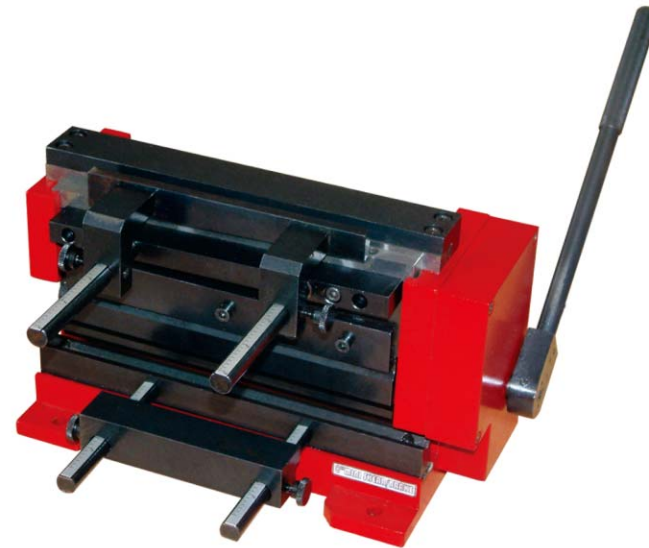
**MINIATURE SHEAR BRAKE**

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

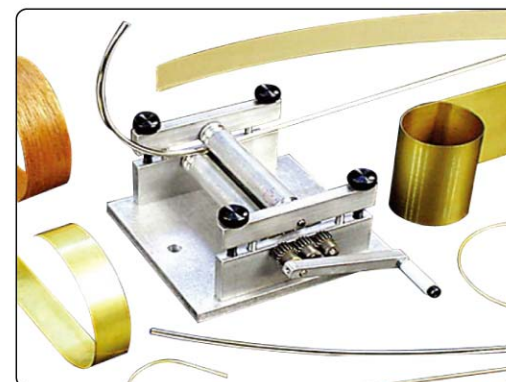
Net weight: 6.3 kg

**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

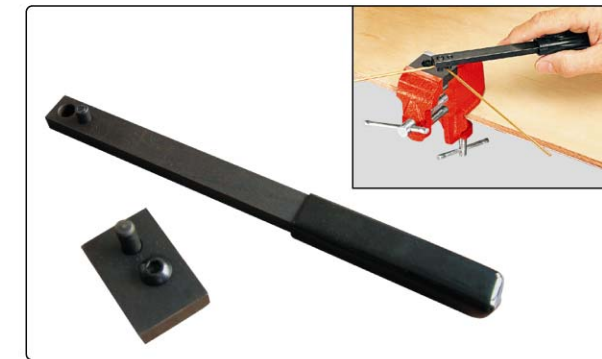
**DISK SANDER**

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)

Packing size: 650x500x300mm

Net weight: 12kg

S/N: 20007(big)

Packing size: 850x500x300mm

Net weight: 18kg

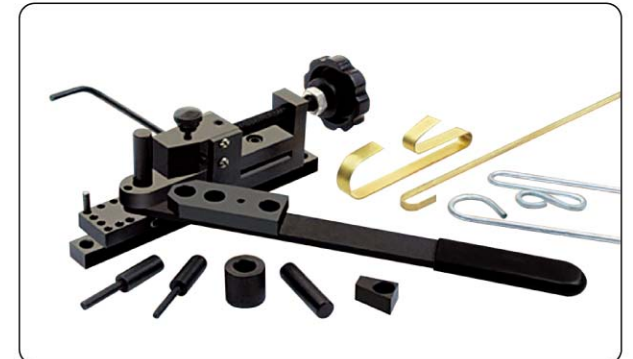
Precision chuck holds taps with shanks 0.8 mm to 6.4 mm diameter. Clearance under chuck: adjustable up to 140 mm. Distance from center of chuck to front of column: 121 mm. Base includes 8 mm T-slots for mounting vises and clamps.

**TAPPING FIXTURE**

S/N: 20008

Packing size: 360x345x120 mm

Net weight: 5.15kg

**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**

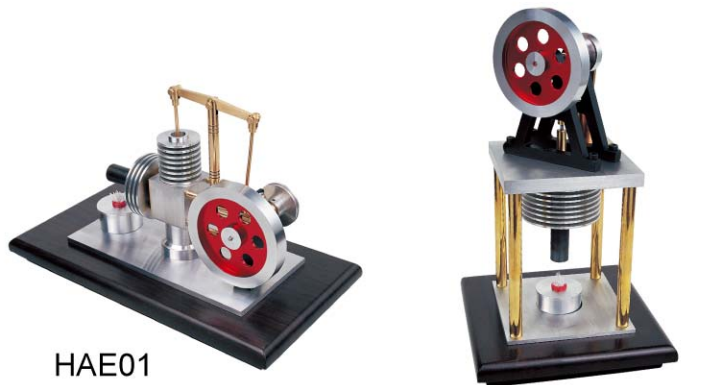
S/N: 20009

Packing size: 225x45x30 mm

Net weight: 0.16kg



Model T Ford:



HAE01

HAE03



HAE02

HAE04



CAN01

CAN02



Hammer Kit

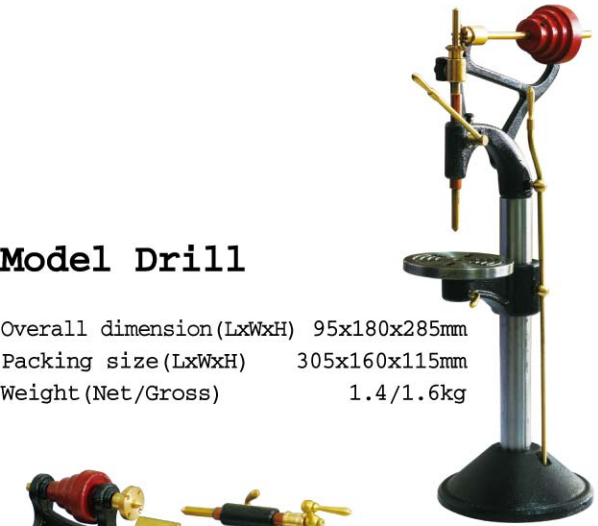
S/N: 20014  
Packing size: 265X130X45mm  
Net weight: 0.58kg

**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, withsome 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 