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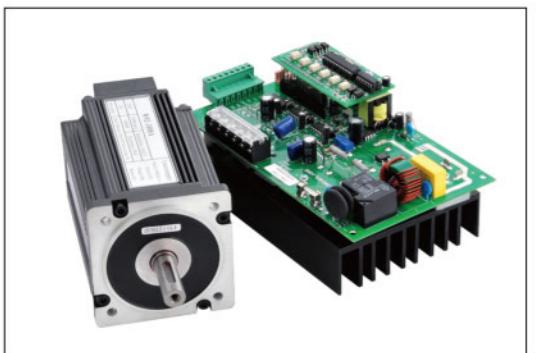
Shanghai SIEG Machinery Co.,Ltd.

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SHANGHAI SIEG MACHINERY CO.,LTD.



SIEG technology: Brushless DC motor control system



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

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

Choose high performance, choose SIEG HiTorque



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

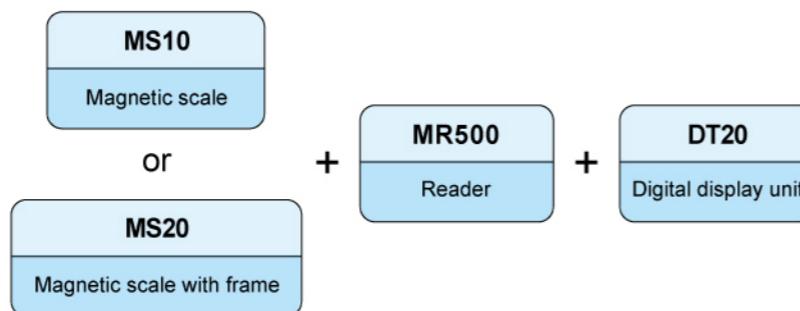
elegant
powerful
care for you



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 easily see the moving quantity on the display.



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

ROTARY TABLE WITH DRO.

What you see is what you get!



Show in 1.66° Show in 1°40'

S/N10094A Rotary table with DRO.**Feature:**

- 4" (100 mm) diameter
- Use in horizontal or vertical position
- Two types digital mode, for example 1.66° or 1°40'
- Zero setting function
- Worm ratio is 72 to 1



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



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

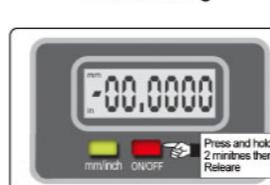
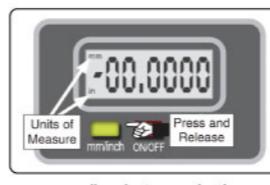
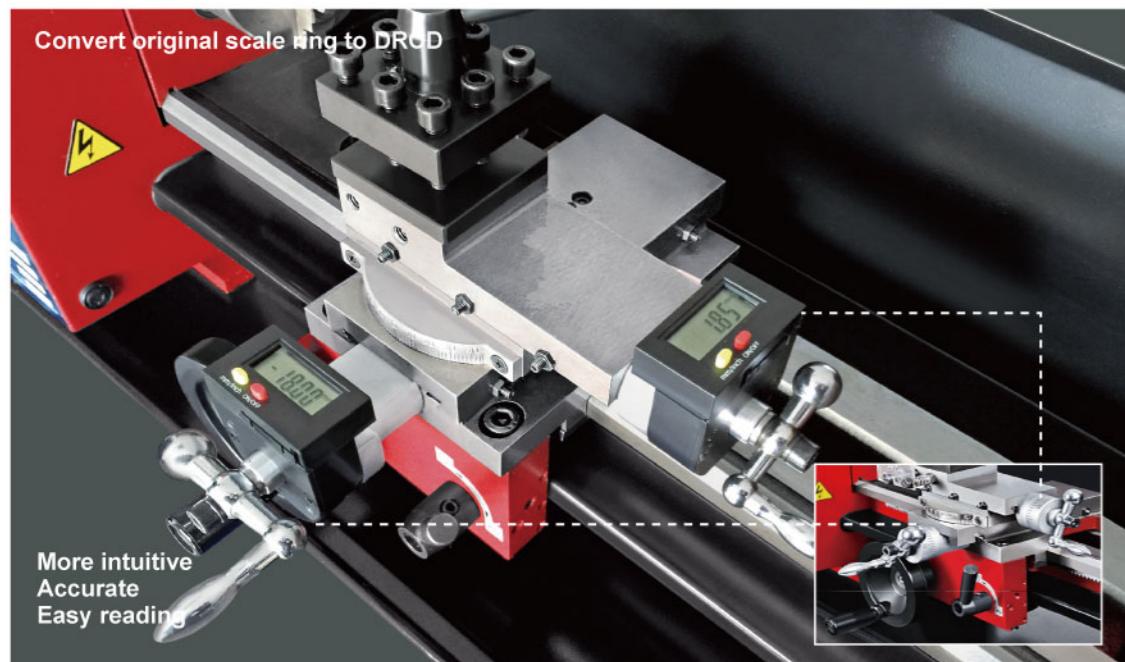
TAILSTOCK WITH DRO

C2 Tailstock



C4 Tailstock

Digital Readout for Cutting Depth (DRCD) for SIEG lathes



S/N10292 for C2/C3 series

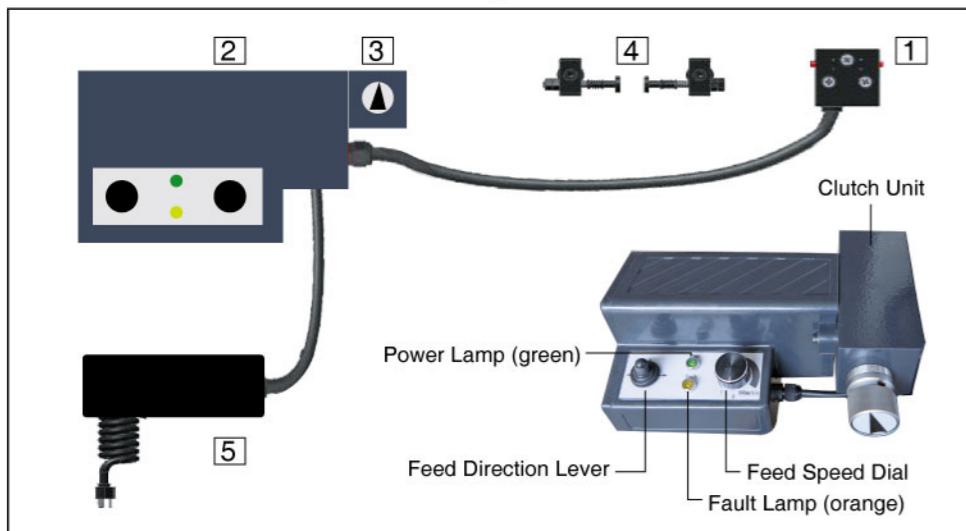


S/N10293 for C4 series



S/N10294 for C6 series

Power feeder for SIEG Milling machines

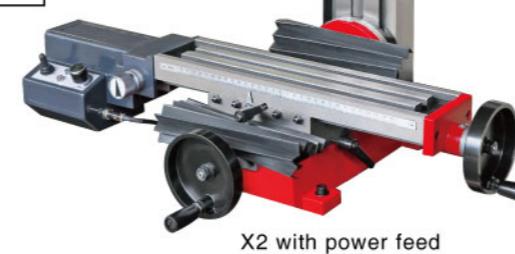


Contents

- 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



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

New stands



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

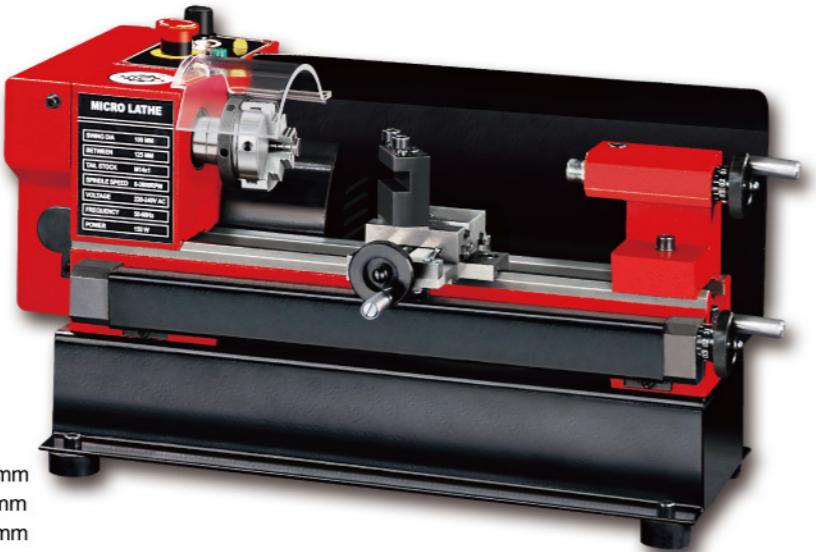


Serial No.	Suitable models	Overall dimension
S/N:10238	C4 lathe	1010 x 505 x 780 mm
S/N:10239	C6 lathe	1040 x 425 x 770 mm
S/N:10209	C10 lathe	1500 x 560 x 770 mm

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

OPTIONAL ACCESSORIES

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



S/N:10153



S/N:10154



S/N:10157



Φ10mm
S/N:10156



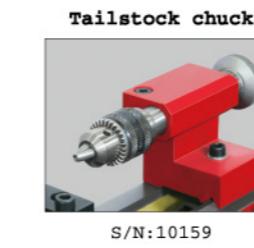
Dia.Φ70mm
Slot size 8mm
S/N:10158



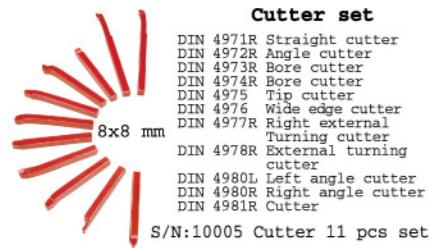
S/N:10155



S/N:10152

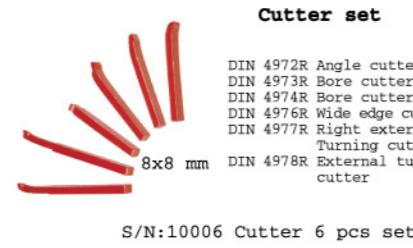


S/N:10159



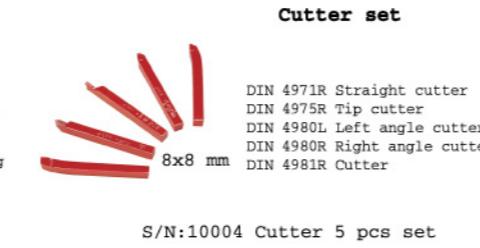
Cutter set
DIN 4971R Straight cutter
DIN 4972R Angle cutter
DIN 4973R Bore cutter
DIN 4974R Bore cutter
DIN 4975 Tip cutter
DIN 4976 Wide edge cutter
DIN 4977R Right external turning cutter
DIN 4978R External turning cutter
DIN 4980L Left angle cutter
DIN 4980R Right angle cutter
DIN 4981R Cutter

8x8 mm
S/N:10005 Cutter 11 pcs set



Cutter set
DIN 4972R Angle cutter
DIN 4973R Bore cutter
DIN 4974R Bore cutter
DIN 4976 Tip 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

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

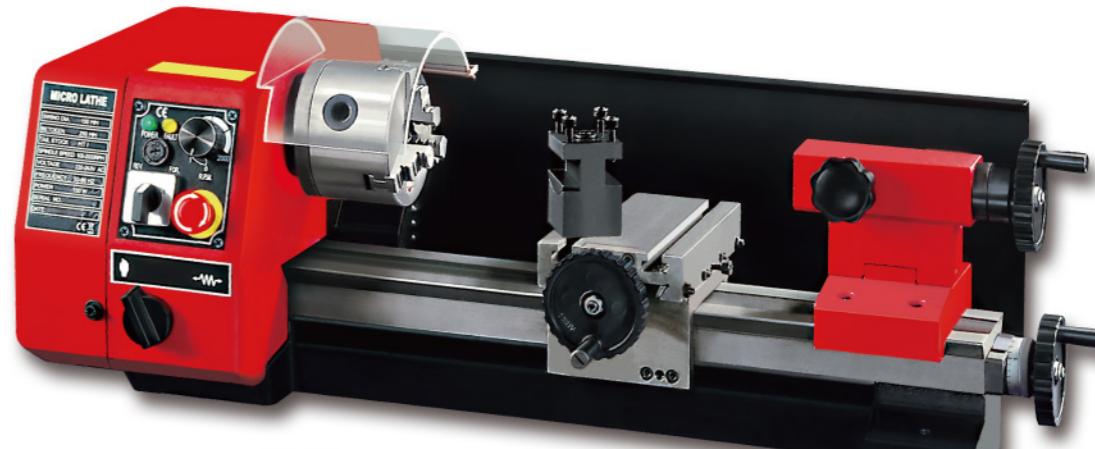


Cutter set
DIN 4971R Straight cutter
DIN 4975R Tip cutter
DIN 4976R Wide edge cutter
DIN 4977R Right external turning cutter
DIN 4978R External turning cutter
DIN 4980L Left angle cutter
DIN 4980R Right angle cutter
DIN 4981R Cutter

8x8 mm
S/N:10004 Cutter 5 pcs set

C1

MICRO LATHE

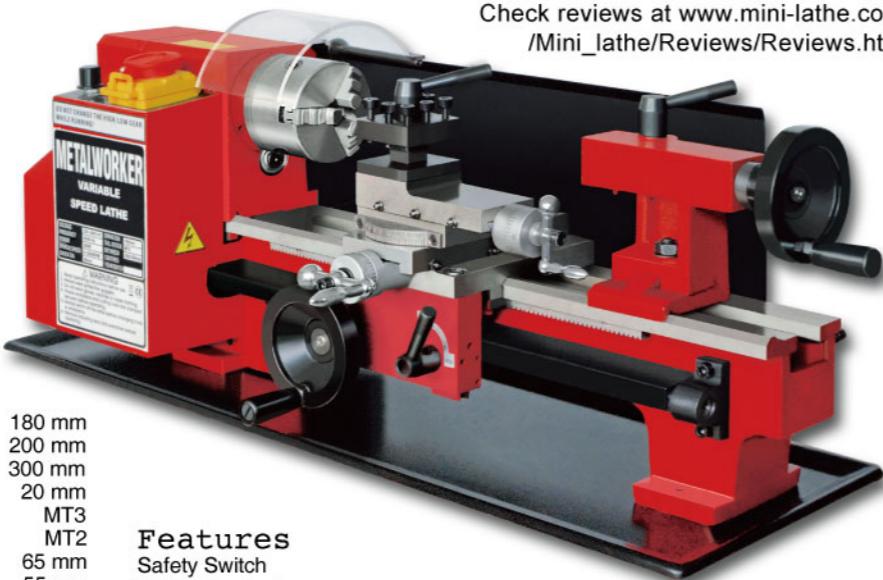
**Specifications**

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 Imperial version
Motor output power	0.5-1.25 mm (5 thread pitches) 16-24 TPI (5 thread pitches)
Spindle speed (variable speed)	100-2000 ±10% rpm
Overall dimension (LxWxH)	620x330x220 mm
Packing size (LxWxH)	690x350x330 mm
Weight (Net/Gross)	150 W 23/32 kg

Features
Variable speed
Over-load protection
Inside leadscrew

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



C2**MINI LATHE**
Model 200/300

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

Specifications

Swing over bed
Distance between centers Model 200
200 mm
Model 300
300 mm

20 mm
MT3
MT2

65 mm
55 mm

Metric version 0.4-2.0 mm (10 thread pitches)
Imperial version 12-52 TPI (18 thread pitches)

Range of threads 250 W

Motor output power

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

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
SC2/300
S/N: 10253D For SC2/350

OPTIONAL ACCESSORIES

C2 or C3 owner, replace to DRCD by yourself.

Digital readout for cutting depth kit (DRCD kit)



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

Face plate
Slot size 12mm



ø160mm
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: 10010 ø80mm
S/N: 10100A ø100mm S/N: 10029A ø100mm
with flange with flange

Spindle center

S/N: 10013

4-jaw chuck (independent)

S/N: 10100 ø100mm S/N: 10010 ø80mm
S/N: 10100A ø100mm S/N: 10029A ø100mm
with flange with flange

Rolling center

S/N: 10014

Lathe dog

S/N: 10015

Holding capacity

50mm

S/N: 10061

Mill attachment

50mm

S/N: 10061

SC2**MINI LATHE**
Model 300/350

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

Specifications

Swing over bed
Distance between centers Model 300
300 mm
Model 350

350 mm
20 mm
MT3
MT2

65 mm
55 mm

Metric version 0.4-2.0 mm (10 thread pitches)
Imperial version 12-52 TPI (18 thread pitches)

Range of threads 500 W

Motor output power(brushless motor)

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

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

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

8x8 mm
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
S/N: 10016
S/N: 10016-1
S/N: 10016-2

Cutter set (tips replaceable)

8x8 mm
S/N: 10200 Tin coated 7pcs



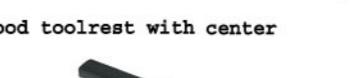
S/N: 10200-1
Tip replacement (set)

Quick change cutter rest

S/N: 10011-1
Cutter holder



S/N: 10011-2



S/N: 10011



S/N: 10016

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



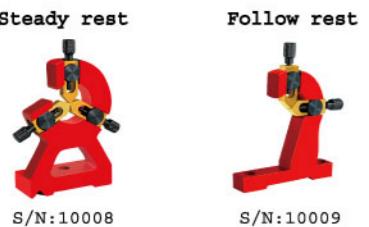
Tailstock chuck
Dia. 13mm+MT#2
S/N: 10012
S/N: 10145

C3**MINI LATHE****Specifications**

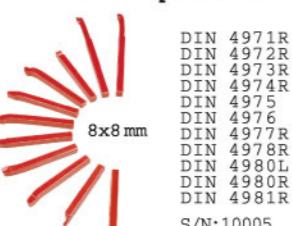
Swing over bed	180 mm
Distance between centers	350 mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Cross slide travel	65 mm
Compound travel	55 mm
Range of thread	Metric version 0.4-2.0 mm (10 thread pitch) Imperial version 12-52 TPI (18 thread pitch)
Motor output power	350 W
Spindle 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

**OPTIONAL ACCESSORIES**

Overall dimension: 860x310x890mm
S/N:10253D

**Cutter set (tips replaceable)**

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

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:10005

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

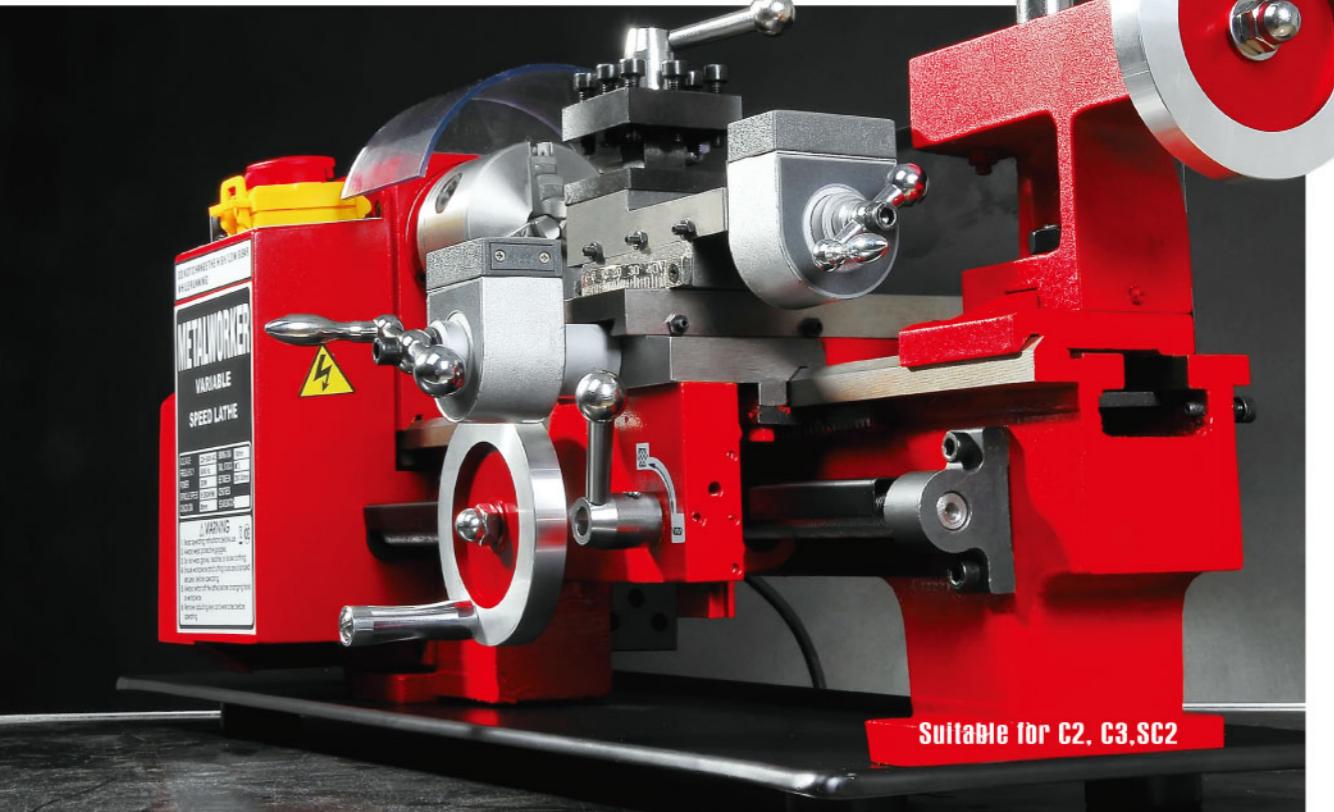
S/N:10014

Spindle center

MT#3

S/N:10013

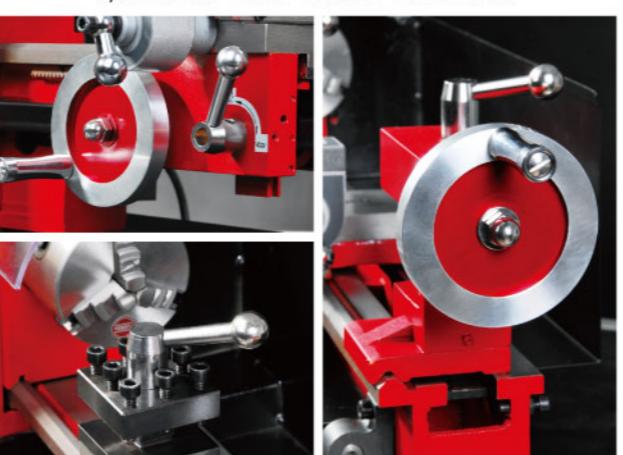
Make your mini lathe more luxury !



Suitable for C2, C3,SC2



S/N:10001 Knob & hand wheel kit



S/N:10100 Ø100mm
S/N:10100A Ø100mm with flange



S/N:10292



Metric 9 pcs
30T/35T/40T
40T/45T/50T
60T/80T/80T

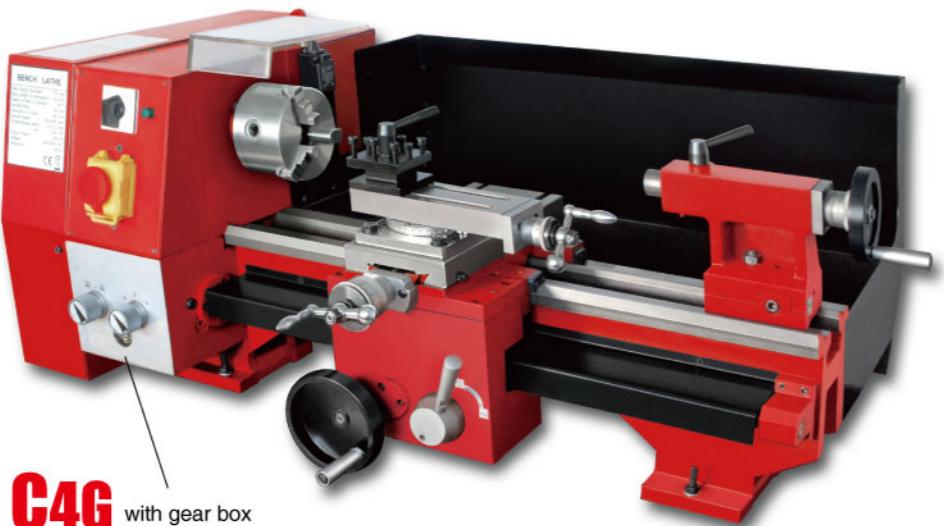


Imperial 13 pcs
30T/35T/40T/40T
45T/45T/50T/55T
57T/60T/65T/80T/80T



S/N:10003

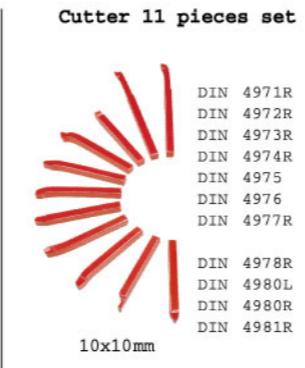
OPTIONAL ACCESSORIES

C4**BENCH LATHE**
Model 510**C4****C4G** with gear box**Specifications**

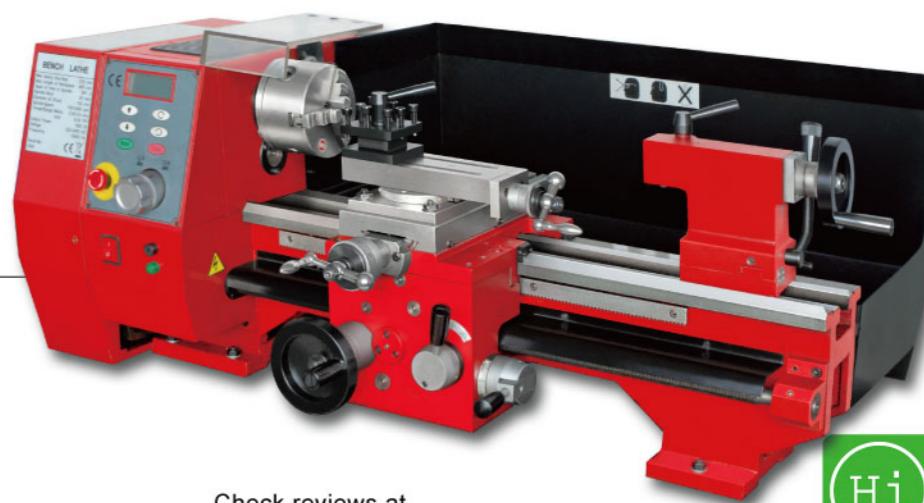
Swing over bed	210 mm	Motor output power	550 W
Distance between centers	510mm	Spindle speed(6 steps)	100-2000 rpm
Hole through spindle	20 mm	Overall dimension(LxWxH)	910x630x400 mm
Spindle taper	MT3	Packing size(LxWxH)	1060x710x510 mm
Tailstock taper	MT2	Weight(Net/Gross)	C4 105/132 kg C4G 109/136 kg
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)		

Standard attachment

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

OPTIONAL ACCESSORIES**SC4****BENCH LATHE**
Model 510

127T gear enable both metric and imperial thread cutting

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



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**

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

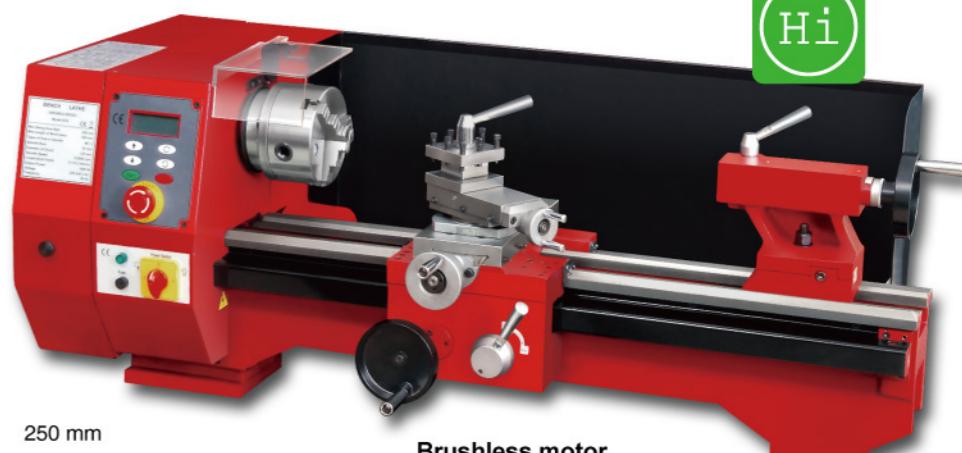
Stand Overall dimension 1040x425x770mm S/N:10239	Quick change cutter rest Tool post S/N:10026-1 Cutter holder S/N:10026 S/N:10026-2 S/N:10063	Wood toolrest with center MT#3	 C2 or C3 owner, replace to DRCD by yourself. Digital readout for cutting depth kit (DRCD kit)
Cutter 11 pieces set 10x10mm DIN 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	 S/N:10294 (Check from SIEG special technology)
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	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	Rolling center MT#2 S/N:10024 Tailstock chuck 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

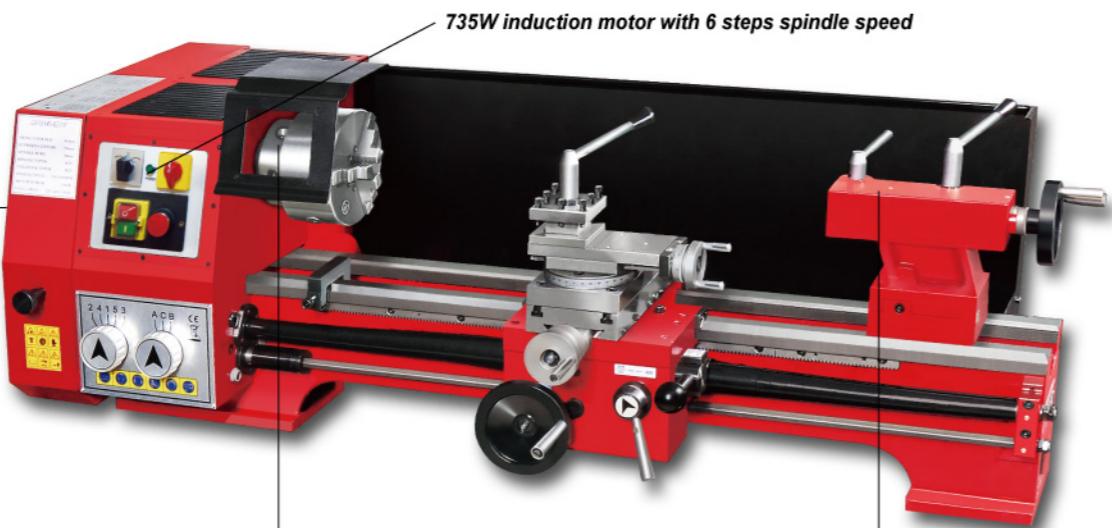
C6V	Metric version 0.4-3.0 mm (12 threads pitches)
Imperial version	10-44 TPI (8 threads pitches)
C6GV	Metric version 0.2-4.0 mm (18 thread pitches)
Imperial version	7-80 TPI (24 thread pitches)

**C6GV****SC6****BENCH LATHE**
Model 550**Hi****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**

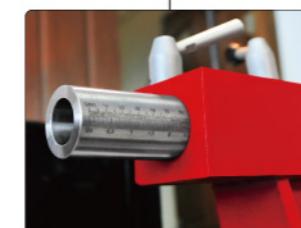
Swing over bed	305mm
Distance between centers	700mm
Hole through spindle	38mm
Spindle taper	MT5
Spindle nose	D type
Tailstock taper	MT3
Cross slide travel	155mm
Compound travel	80mm
Metric version	0.25-2.5mm (15 thread pitches)
Imperial version	12-80 TPI (6 thread pitches)
Motor output power	735W
Voltage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

Standard Attachment

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



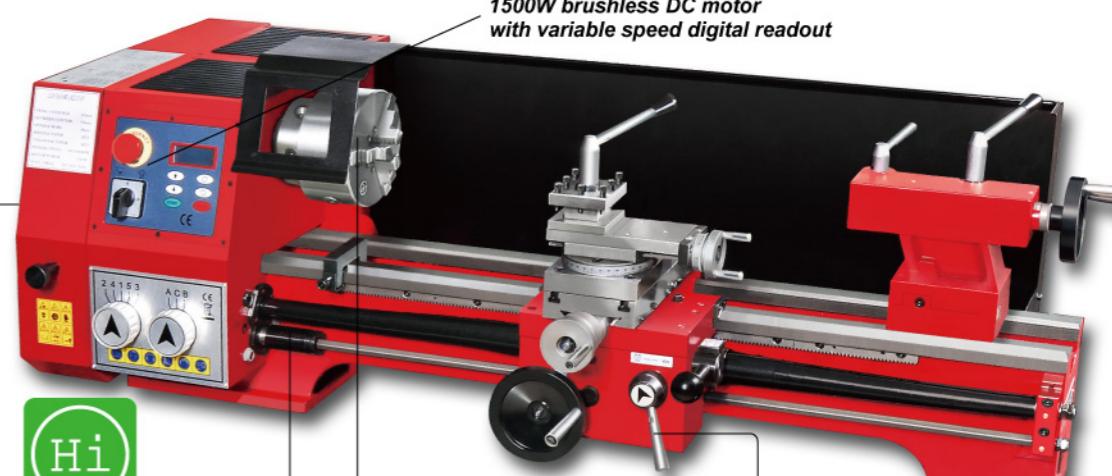
D type spindle nose



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 (LxWxH)	1550x890x670mm
Weight (Net/Gross)	215/255 kg

Standard Attachment

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



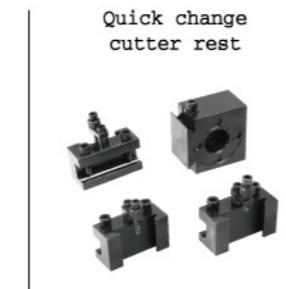
160mm chuck with D type connecting spindle nose



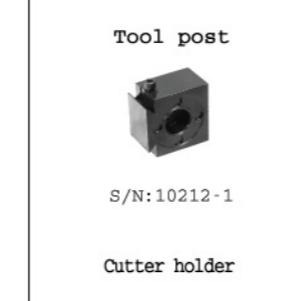
2 axis auto feeding



Carriage stop & overrunning clutch

SC10-Pro available**OPTIONAL ACCESSORIES**Overall dimension 1500x560x770mm
S/N:10209Slot size 16mm
S/N:10249S/N: 20231
Machine originally installed with digital readout available:
C10+20231=Model C10-Digi
SC10+20231=Model SC10-Digi

S/N:10212

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

S/N:10212-3

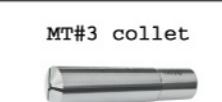


S/N:10250



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

Dia.13mm+MT#3
S/N:10251

MT#3 collet

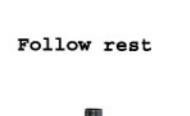
Ø4mm	S/N:10119
Ø6mm	S/N:10120
Ø8mm	S/N:10121
Ø10mm	S/N:10122
Ø12mm	S/N:10123
Ø14mm	S/N:10124
Ø16mm	S/N:10125
Ø4-16mm set	S/N:10126



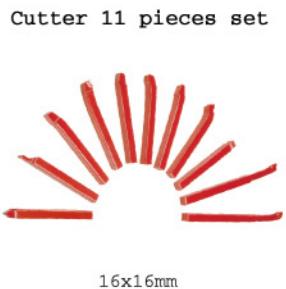
Cutter set (tips replaceable)

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

S/N:10247



S/N:10248

16x16mm
S/N:10273

Mill head



S/N:10227

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 operate break
- Ø160mm 3-Jaw Chuck
- LED Lamp24v
- Steady Rest
- Follow Rest
- 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



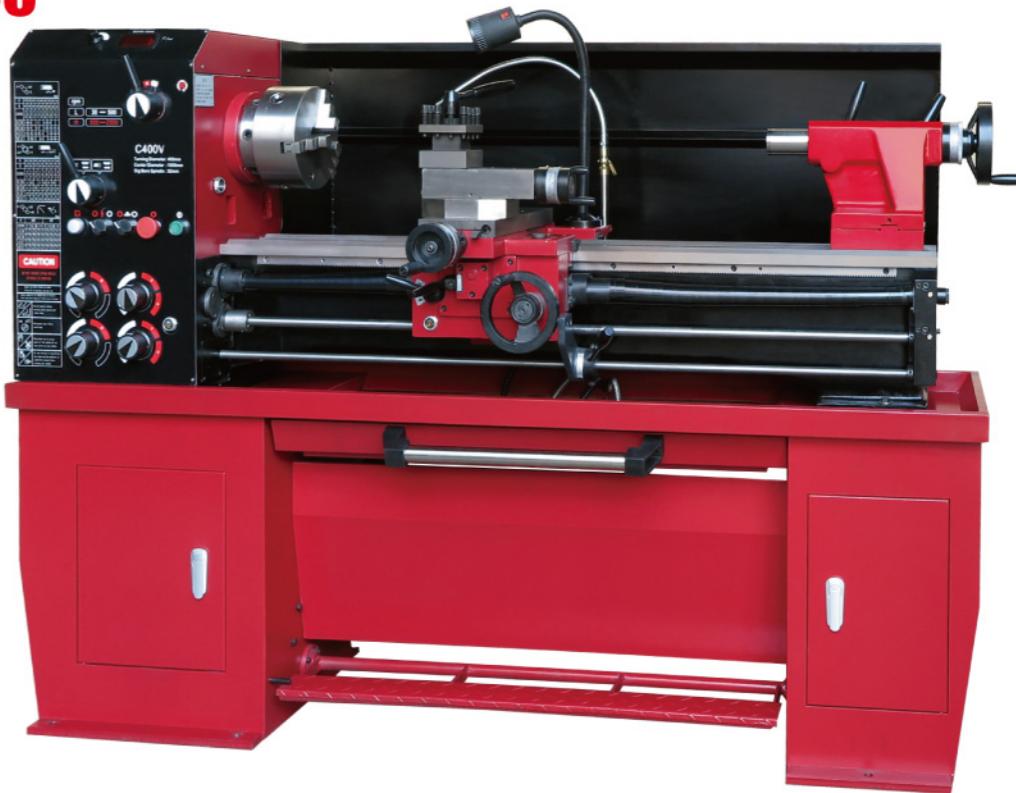
Project Name	Project Content	C330 Parameter	C360 Parameter
CAPACITY	Swing over bed	330 mm	360 mm
	Swing over cross slide	198 mm	215 mm
	Center height	165 mm	180 mm
	Admits between	1000 mm	
	Bed width	205 mm	
	Bed length	1655 mm	
HEADSTOCK	Spindle bore	41 mm	
	Spindle nose	D1-4	
	Spindle bore taper in 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	
THREADS & FEEDS	Cutting tool max. section	16 mm X 16 mm	
	Threads imperial 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)	
TAILSTOCK	Cross slide feeds metric	0.014-0.380 mm/ Rev. (32Nos)	
	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.	
MOTOR	Set over	10 mm ($\pm 3/8"$)	
	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

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 operate break
- Ø200mm 3-Jaw Chuck
- LED Lamp24v
- Steady Rest
- Follow Rest
- 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	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	1000 mm
	Bed width	205 mm	205 mm
	Bed length	1655 mm	1655 mm
HEADSTOCK	Spindle bore	52 mm	52 mm
	Spindle nose	D1-5	D1-5
	Spindle bore taper in nose, in sleeve	M.T.#6 / M.T.#4	M.T.#6 / M.T.#4
	Speeds number	8 or 16 (optional)	Variable speed
	Speeds range	70-2000R.P.M. or 35-2000R.P.M.(2 speed motor)	30-2500R.P.M.
CARRIAGE & COMPOUND	Cross slide width	140 mm	140 mm
	Cross slide travel	208 mm	208 mm
	Compound rest width	82 mm	82 mm
	Compound rest travel	92 mm	92 mm
	Lead screw diameter	22 mm	22 mm
	Lead screw thread	2.5 mm	2.5 mm
	Feed rod diameter	15 mm	15 mm
THREADS & FEEDS	Cutting tool max. section	16 mm X 16 mm	16 mm X 16 mm
	Threads imperial pitches	34 Nos.4-56 T.P.I.	34 Nos.4-56 T.P.I.
	Threads metric pitches	26 Nos.0.4-7 mm	26 Nos.0.4-7 mm
	Threads diametral pitches	36 Nos.8-112 D.P.	36 Nos.8-112 D.P.
	Threads module pitches	23 Nos.0.25-3 M.P.	23 Nos.0.25-3 M.P.
	Longitudinal feeds imperial	0.002"-0.548"/Rev. (32Nos)	0.002"-0.548"/Rev. (32Nos)
	Longitudinal feeds metric	0.052-1.392 mm/ Rev. (32Nos)	0.052-1.392 mm/ Rev. (32Nos)
	Cross slide feeds imperial	0.0007"-0.0187"/Rev. (32Nos)	0.0007"-0.0187"/Rev. (32Nos)
TAILSTOCK	Cross slide feeds metric	0.014-0.380 mm/ Rev. (32Nos)	0.014-0.380 mm/ Rev. (32Nos)
	Quill diameter	42 mm (1 21/32") (NO.4 M.T.)	42 mm (1 21/32") (NO.4 M.T.)
	Quill travel	114 mm (4 1/2") (NO.4 M.T.)	114 mm (4 1/2") (NO.4 M.T.)
	Quill taper	NO.4 M.T.	NO.4 M.T.
MOTOR	Set over	10 mm ($\pm 3/8"$)	10 mm ($\pm 3/8"$)
	For main motor	3HP,3PH	3HP,3PH
WEIGHT & MEASURES	Coolant pump motor	1/8 HP,3PH	1/8 HP,3PH
	Machine dimension (LxWxH)	1930x800x1305 mm	1930x800x1305 mm
	Packing dimension (LxWxH) (1set/case)	1940x800x1600 mm	1940x800x1600 mm
	NW(Kg) (1set/case)	685 Kgs	685 Kgs
	GW(Kg) (1set/case)	815 Kgs	815 Kgs

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

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

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

3-jaw chuck
(Self-centered)

Dividing plate



Ø80 mm
S/N:10190



S/N: 10094-1

4-jaw chuck
(Independent)



Ø80 mm
S/N:10010



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

Digital spindle speed readout



S/N:10030 for SU1



Mill chuck set



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 Family

SIEG Milling & Drilling Machine



X1**MICRO MILL DRILL Family****X1****Specifications**

Drilling capacity
End mill capacity
Face mill capacity
Longitudinal axis (X)
Cross axis (Y)
Headstock travel (Z)
Spindle taper
Throat
Max. distance spindle to table
Table effective size
T-slot size
Motor output power
Spindle speed (variable speed)
Overall dimension (LxWxH)
Packing size (LxWxH)
Weight (Net/Gross)

Standard attachment
Ø10 mm Drill chuck
Wrench set

Oil can

**SX1/SX1L****Specifications**

10 mm	10 mm
10 mm	10 mm
16 mm	16 mm
200 mm	200 mm
105 mm	105 mm
190 mm	195 mm
MT2	MT2
140 mm	140 mm
260 mm	265 mm
240x145 mm	240x145 mm
8 mm	8 mm
150 W	150 W
Low range 0-1000 ±10% rpm	Low range 0-1000 ±10% rpm
High range 0-2000 ±10% rpm	High range 0-2000 ±10% rpm
390x360x600 mm	480x360x710 mm
380x420x620 mm	380x480x630 mm
32/44 kg	44/53 kg

10 mm	10 mm
10 mm	16 mm
Face mill capacity	Face mill capacity
Longitudinal axis (X)	Longitudinal axis (X)
Cross axis (Y)	Cross axis (Y)
Headstock travel (Z)	Headstock travel (Z)
Spindle taper	Spindle taper
Throat	Throat
Max. distance spindle to table	Max. distance spindle to table
Table effective size	Table effective size
T-slot size	T-slot size
Column tilting angle	Column tilting angle
Motor output power	Motor output power
Spindle speed (variable speed)	Spindle speed (variable speed)
Overall dimension (LxWxH)	Overall dimension (LxWxH)
Packing size (LxWxH)	Packing size (LxWxH)
Weight (Net/Gross)	Weight (Net/Gross)

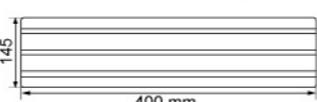
Standard attachment

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

**Standard attachment**

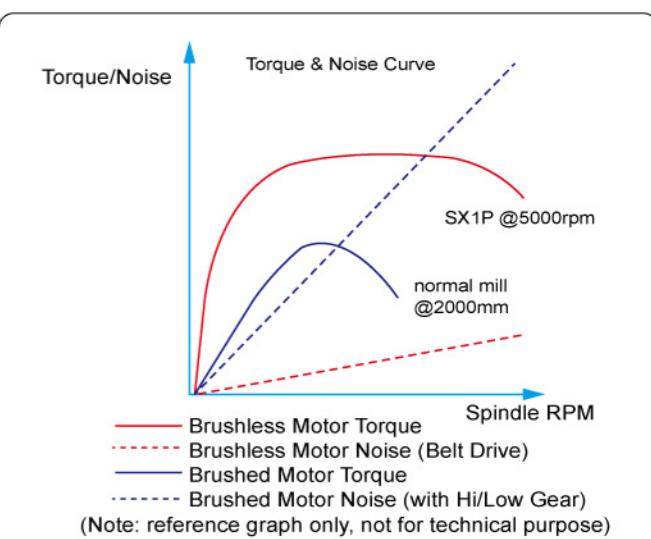
Drill chuck & Arbor
Drawbar
Wrench set

SX1P

- 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



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



MT#2 Ø16mm
S/N:10071



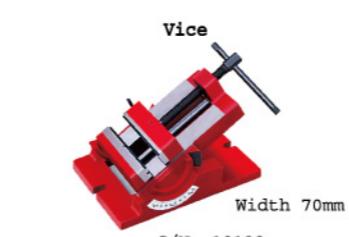
Ø3mm S/N:10072
Ø4mm S/N:10073
Ø5mm S/N:10074
Ø6mm S/N:10075
Ø8mm S/N:10076
Ø10mm S/N:10077
Ø3-10mm set S/N:10078

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



Width 55mm
S/N: 10108



Width 70mm
S/N: 10133



Width 50mm
S/N:10035



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



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"



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

OPTIONAL ACCESSORIES

X2 Family



X2



SX2



SX2P

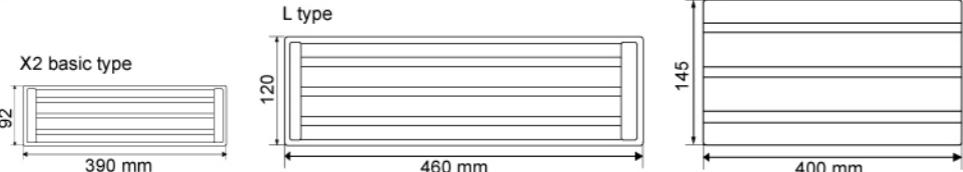
Family Members:

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	
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 High range 100-2500 rpm	100-1100 rpm 100-2500 rpm	100-1100 rpm 100-2500 rpm	100-2500 rpm 100-2500 rpm	100-1100 rpm 100-2500 rpm	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	540x480x700 mm	640x600x730 mm	640x600x730 mm	540x540x730 mm	540x540x730 mm	640x600x730 mm
Weight (Net/Gross)	50/65 kg	50/65 kg	60/75 kg	60/75 kg	58/70 kg	58/70 kg	58/70 kg

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

OPTIONAL ACCESSORIES

Rotary table
size 100mm



S/N:10094

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

3-jaw chuck
(Self-centered)

Dividing plate



S/N: 10094-1

4-jaw chuck
(Independent)

Ø80 mm
S/N:10010

S/N: 10094-2



Tailstock



Auto feeder



S/N:10300
only for X2, SX2

2 Flute HSS end mill



Quick vice



Width 100mm
S/N:10036

Stand



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



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



X2 back of table,
power feed blocks



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



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

Indexable carbide
end mill



S/N:10046



24 pcs.

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



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

**OPTIONAL ACCESSORIES**

Rotary table
size 100mm



S/N:10094A

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



Ø80 mm
S/N:10190
S/N: 10094-1

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



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
ø6mm
ø8mm
ø10mm
ø12mm
ø14mm
ø16mm
ø4-16mm set S/N:10126



S/N:10119
S/N:10120
S/N:10121
S/N:10122
S/N:10123
S/N:10124
S/N:10125
S/N:10126

OPTIONAL ACCESSORIES

X2.7D/SX2.7D

X2.7,SX2.7 with 3 axis Display

**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



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 (variable speed)	100-1000 ±10% rpm
High range	100-2000 ±10% rpm
Overall dimension (LxWxH)	720x760x990 mm
Packing size (LxWxH)	780x800x1050 mm
Weight (Net/Gross)	165/198 kg



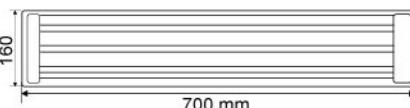
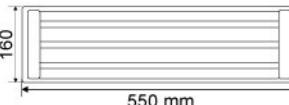
Standard attachment

- Ø13 mm Drill chuck
- Wrench set
- Oil can



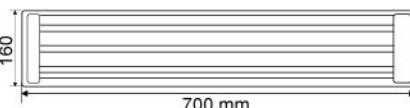
X3/SX3 table size

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

OPTIONAL ACCESSORIES



Rotary table
size 100mm

S/N:10094

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

3-jaw chuck
(Self-centered)

S/N:10190

Dividing plate

S/N: 10094-1



Ø80 mm
S/N:10010

4-jaw chuck
(Independent)

S/N: 10094-2

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:10304

Vice with angle



Width 100mm
S/N: 10142

Stand



S/N:10240B
Overall dimension:
460x730x880mm

Mill chuck set

MT#3

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

2 Flute Hss end mill

MT#3

Chuck dia.
4.6.8.10.12.14.16mm
S/N:10045

Quick Vice

MT#3

Width 100mm
S/N: 10036

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

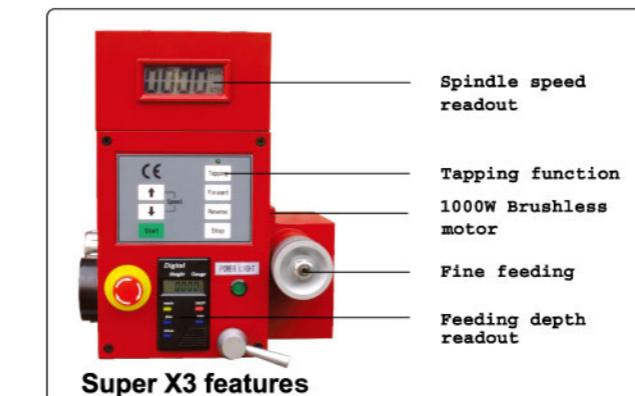


Standard attachment

- Ø13 mm Drill chuck
- Wrench set
- Oil can



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



Super X3 features

- Spindle speed readout
- Tapping function
- 1000W Brushless motor
- Fine feeding
- Feeding depth readout

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



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

- Ø13 mm drill chuck
- Wrench set
- Oil can



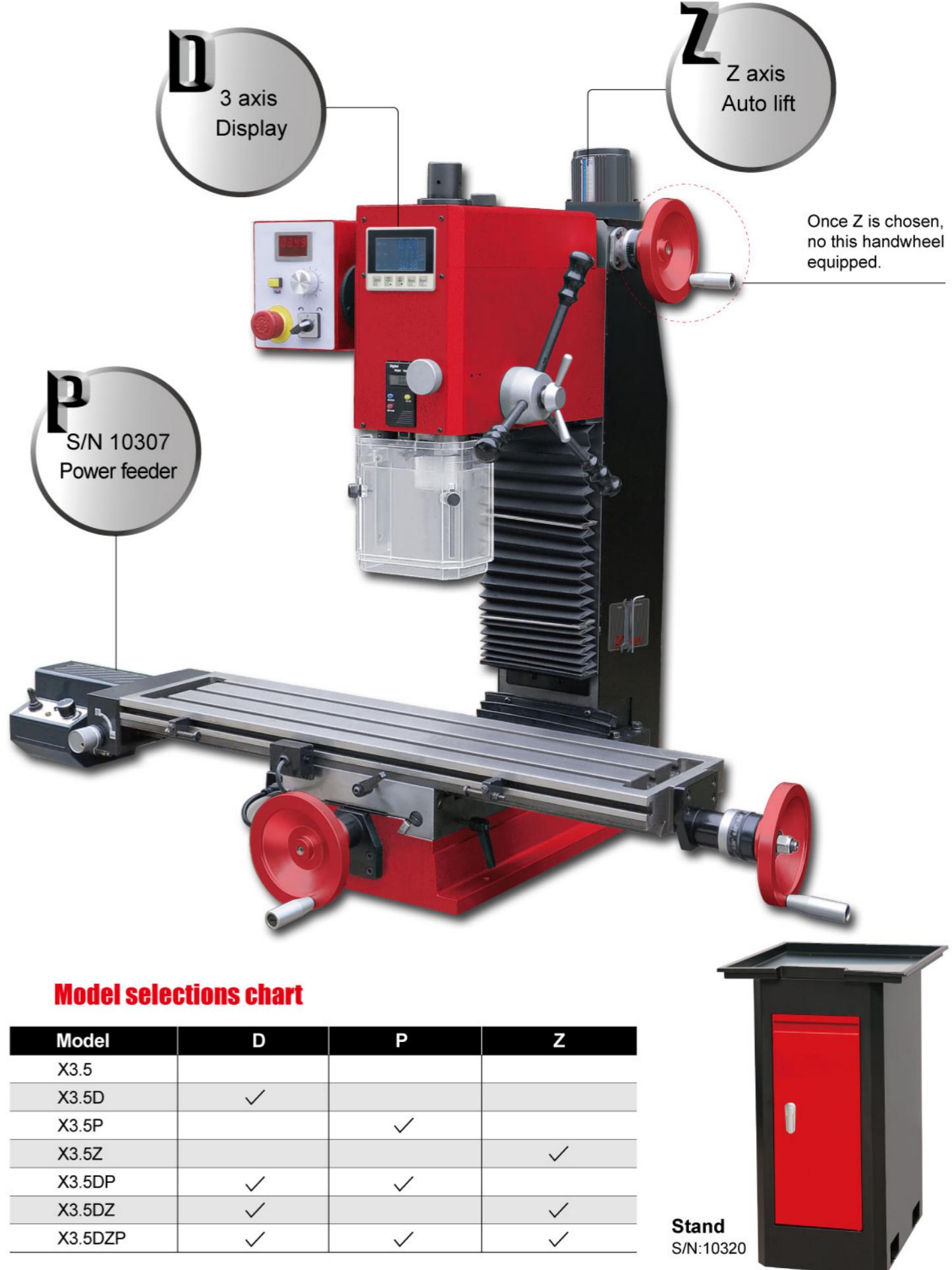
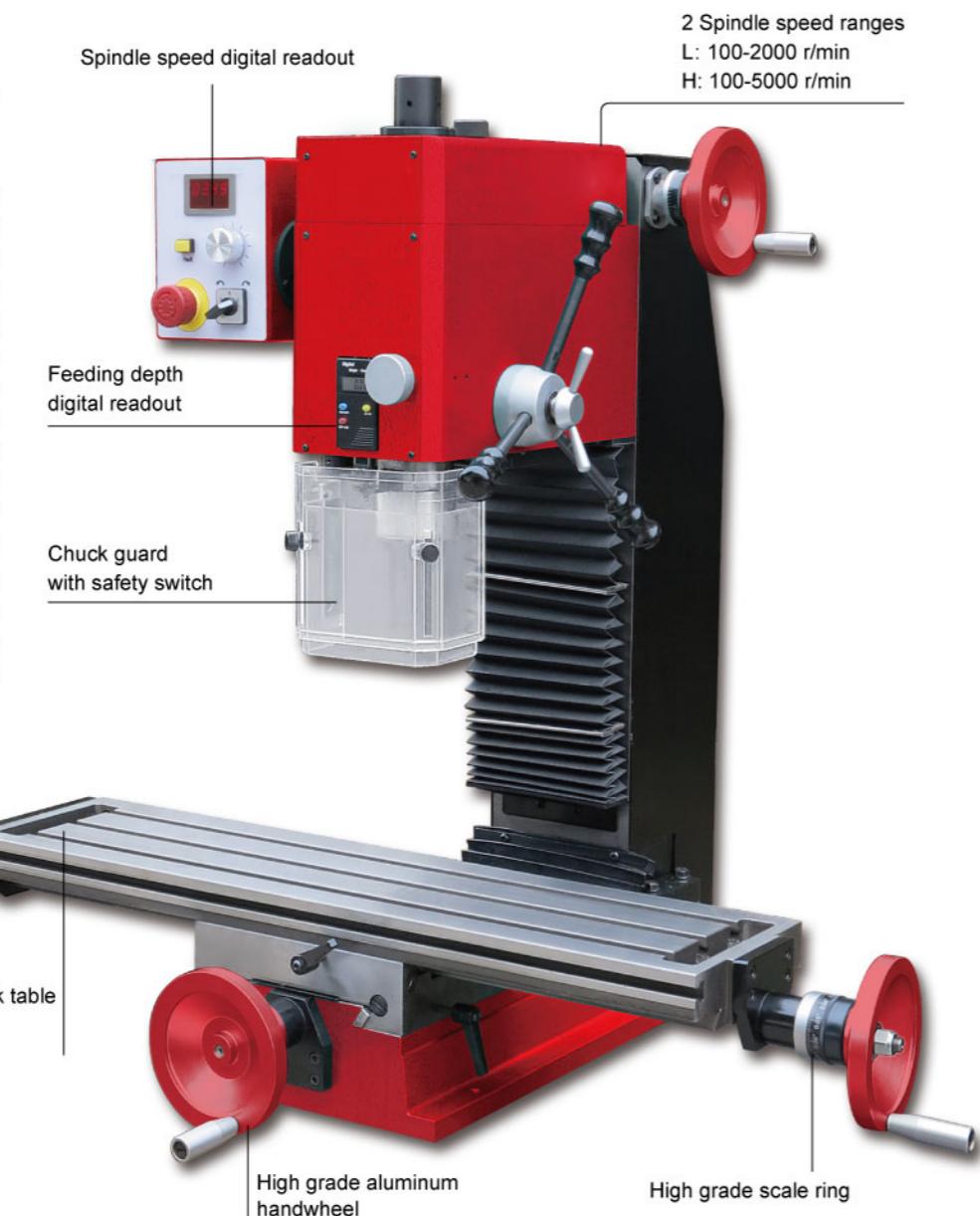
S/N10231 USB Working light



Large throat 230 mm

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 holdowns
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



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

- Ø13 mm drill chuck
- Wrench set
- Oil can



S/N10231 USB Working light



Large throat 230 mm

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 holdowns
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	✓	✓	✓



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



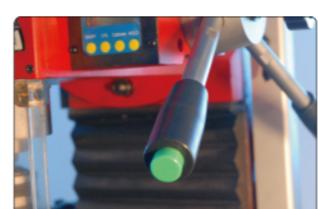
Tilting angle display



LED working lamp



Drilling depth display



Tapping button

**SX4-Digi****OPTIONAL ACCESSORIES**

Stand



Rotary table

size 150mm
S/N:10143

Optional accessory for S/N:10143
3-jaw chuck (Self-centering)



S/N:10101

Ø125mm

4-jaw chuck (Independent)



S/N:10025

Ø125mm



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

Indexable carbide end mill
MT#3
Ø50mm
S/N:10113



Vice (QH type)

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

S/N:10244
Overall dimension:
550x835x850mm

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)
S/N: 10090	Cut-off Cutter Holder Boring Cutter Holder Mill chuck set 3,4,5,6mm

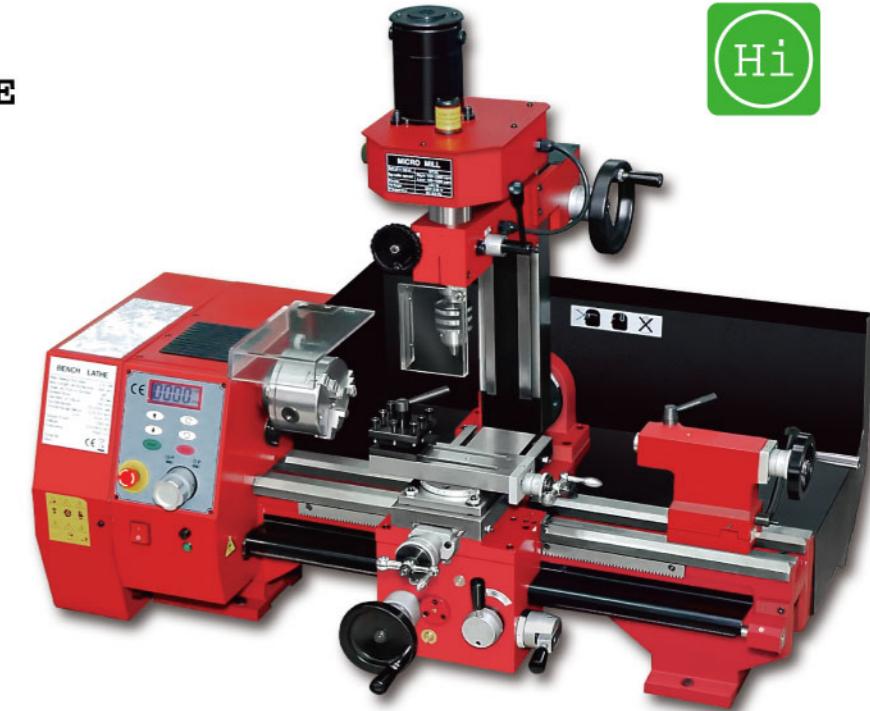
(Check details of M1 optional accessories on page 9 & 26-27)



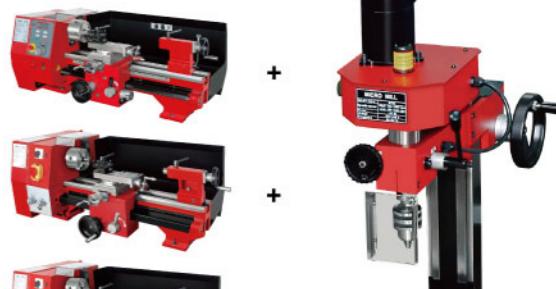
A classroom for training students' working skill established in Shanghai high school.

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

SM4=SC4**M4=C4****M4G=C4G****Mill Attachment**

S/N:10225

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	

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

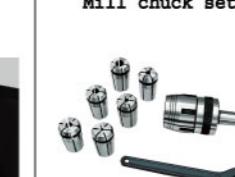
Quick vice

Width 50mm

S/N:10035

Quick change cutter restS/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

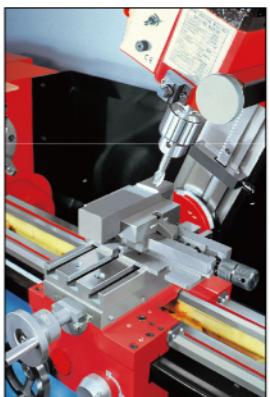
Mill chuck setChuck dia.4,6,8,10,12,14,16 mm
MT#2
S/N:10167**Mill chuck set**Chuck dia.3,4,5,6,8,10mm
S/N:10070**OPTIONAL ACCESSORIES**

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

It's milling now.

M6 = C6**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)	1200x680x860 mm

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

Stand
S/N:10199
240x110 mm
Tslot size 12mm

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

Mill chuck set

Quick vice
Width 100mm
S/N:10036

Cutter 2 pieces set
Chuck dia. 4,6,8,10,12,14,16 mm
S/N:10037

Mill chuck set
Chuck dia. 4,6,8,10,12,14,16 mm
S/N:10022 (10x10mm)

4-jaw chuck with flange (independent)

Follow rest Steady rest

Face plate

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)

Follow rest Steady rest

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

OPTIONAL ACCESSORIES

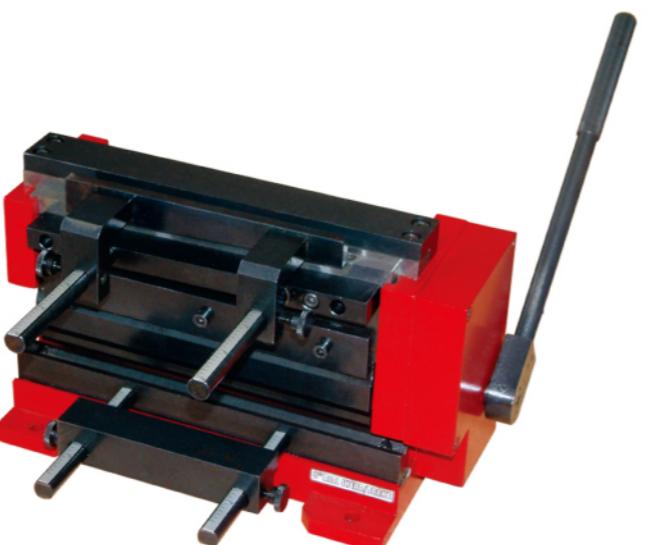
EXCEPT U.S. MARKET

**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**

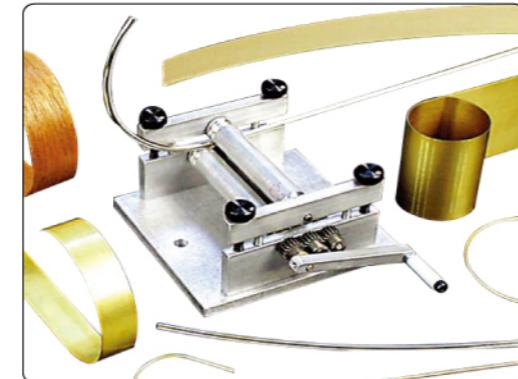
This universal tool set could be used for drilling, tapping, punching, bending, flat pressing or as a vice holder. These function are inter-changeable with one base and different tool sets.

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**

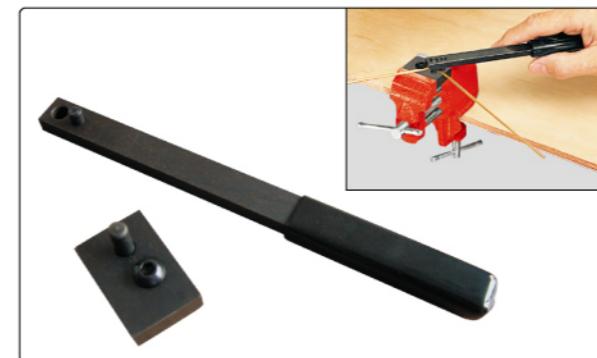
The Disk Sander has a 127 mm dia. Disk.
102 mm x 152 mm slotted aluminum table tilts
from 90 degrees to 40 degrees from vertical.

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

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

**WIRE BENDER**

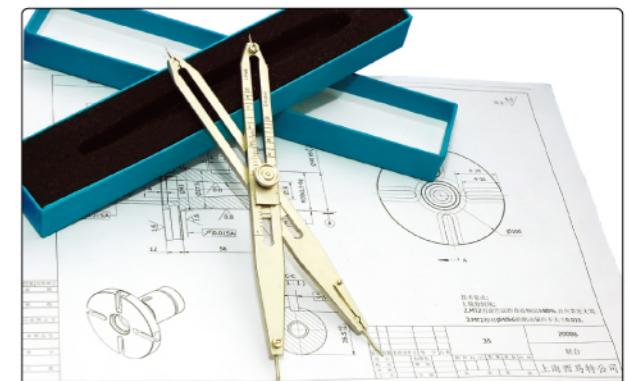
S/N: 20010
Packing size: 305x130x25 mm
Net weight: 0.25kg

**UNIVERSAL BENDER**

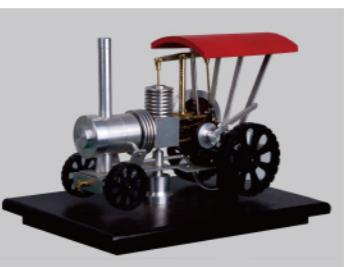
Bend Metal Wire and Strip into Complex
Shapes with Ease
S/N: 20012
Packing size: 330x115x130 mm
Net weight: 3.00kg

**STANDARD SPRAY BOOTH**

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

**PROPORTIONAL DIVIDER**

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

Model T Ford:

HAE01



HAE03



HAE02



HAE04



CAN01



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