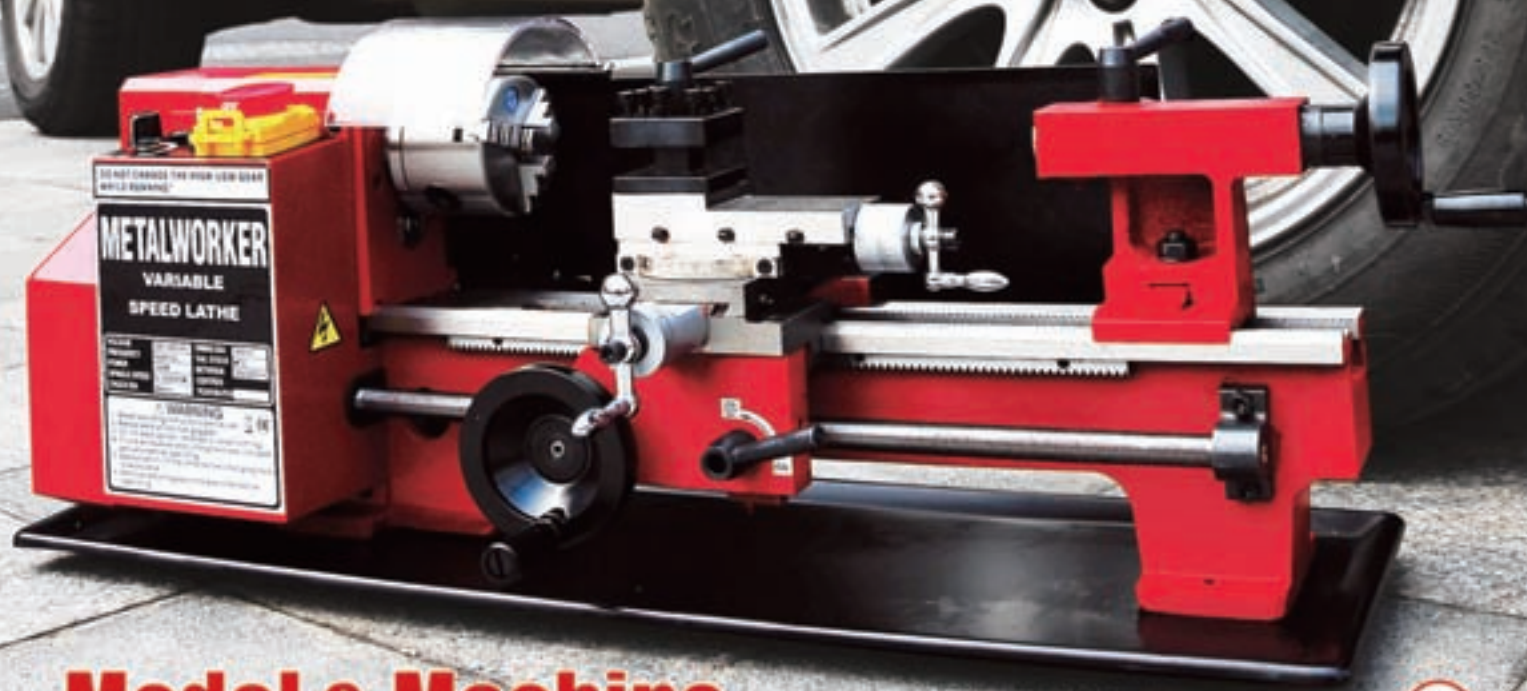




1988-2009/10



Model & Machine

V2

More than a machine

It's a **LIFESTYLE**

Metal working machine



Stirling engine kit HAE 03



Stirling engine kit HAE 01



Tools



LETTER FROM THE GENERAL MANAGER

Hello Fellow Machine Lovers,

Thank you very much for choosing SIEG... one of the main export-oriented machine factories in China. Shanghai SIEG Machinery Co., Ltd was founded in 1988. As we have grown, we have gained extensive knowledge and experience to meet your requirements. We know exactly "What you want" and "How you want it".

With over 35000 pieces of annual output, SIEG's sales network has extended to more than 30 countries throughout the world. Whilst the largest proportion of our machines has been shipped to North America and Europe, we are actively exploring new opportunities, whilst maintaining our existing customer base.

We have a team of well qualified technicians and service personnel, who are well geared to produce some of world's hottest machines, backed up by quality support. We also provide an extensive range of accessories ideally matched for use with our machines. This package provides for an ideal customer experience. Our distributors find us approachable, because all our ideas and decisions are customer-oriented.

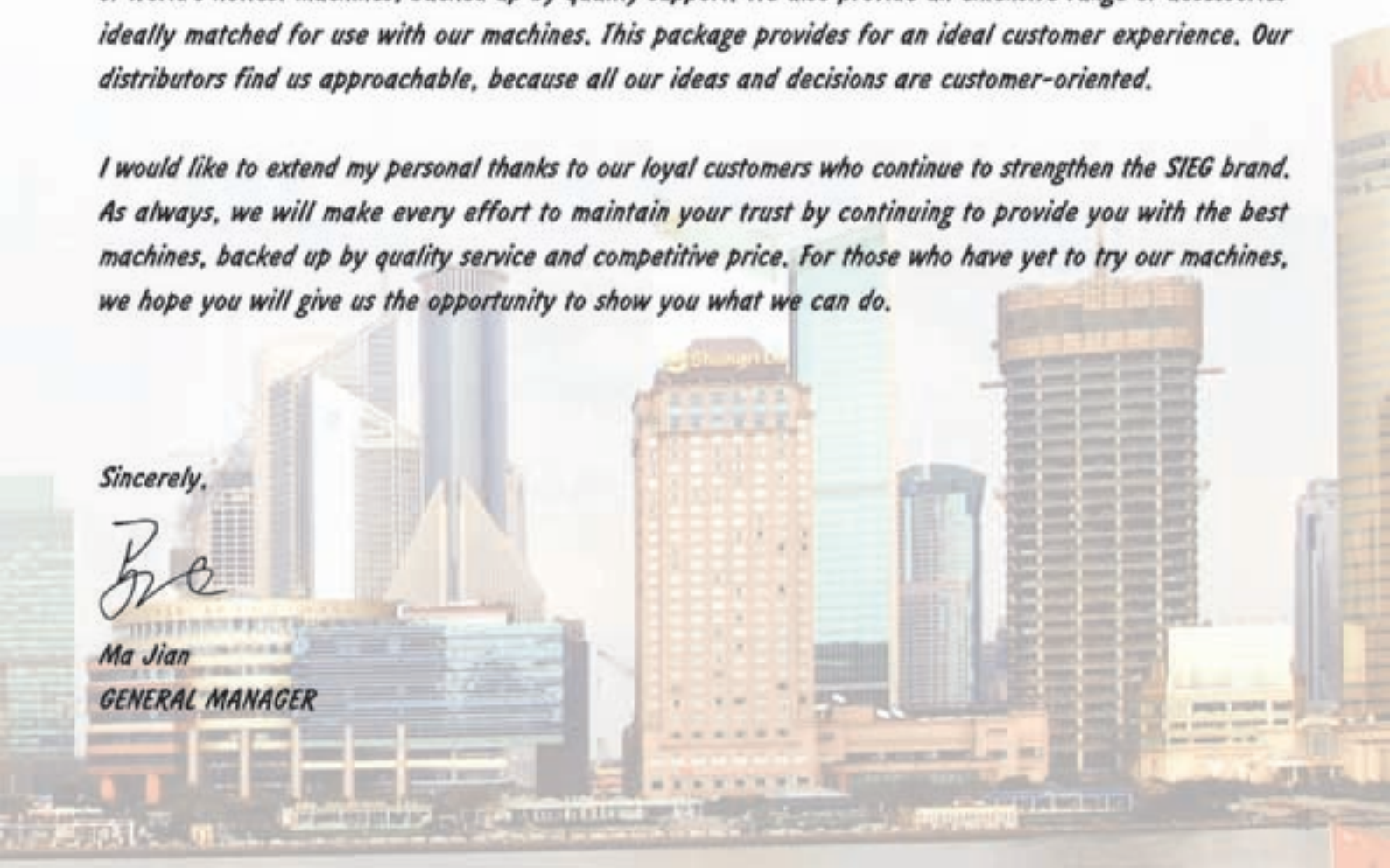
I would like to extend my personal thanks to our loyal customers who continue to strengthen the SIEG brand. As always, we will make every effort to maintain your trust by continuing to provide you with the best machines, backed up by quality service and competitive price. For those who have yet to try our machines, we hope you will give us the opportunity to show you what we can do.

Sincerely,



Ma Jian

GENERAL MANAGER



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WOODWORKING MACHINE

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It's time BRUSHLESS DC MOTORS in action!

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



SIEG machines with BRUSHLESS MOTOR:

- SC2 mini lathe*
- SX2 mini mill*
- C4 lathe*
- SX3 mill*
- Z2-Z4 drill*
- U2 multi-purpose
machine*

*Please Look for
machines with*

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 Specialty	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



Hot invention for beginners
 Little in size & delicate in design
 Only 10 kilograms in weight
 Wide range of working capacity

Try it and you'll be amazed what this little guy can do!!!



Parts Made by Transformers Machine



Nano Lathe

Specifications

Swing over bed	100 mm
Distance between centers	100 mm
Hole through spindle	8 mm
Cross slide travel	40 mm
Spindle speed	100-4500 rpm ±10%
Motor output power	150 W
Machine overall dimension (LxWxH)	360x250x230 mm
Packing size (LxWxH)	410x310x290 mm
Weight(Net/Gross)	9.2/10.3 kg

Standard Attachment

50mm 3-jaw chuck
 Wrench set



Nano Mill

Specifications

Milling capacity	6 mm
Longitudinal axis(Y)	45 mm
Cross axis(X)	40 mm
Headstock travel(Z)	80 mm
T-Slot size	8 mm
Worktable Tilt	45°L, 45°R
Cross Slider Rotary	30°L, 30°R
Motor output power	150 W
Spindle speed(Stepless)	100-4500 rpm ±10%
Machine overall dimension (LxWxH)	380x250x430 mm
Packing size (LxWxH)	410x310x290 mm
Weight(Net/Gross)	11/12.1 kg

Standard Attachment

0.6-6MM M14x1 Drill chuck
 Wrench set



Nano Drill

Specifications

Drilling capacity	6 mm
Worktable travel	70 mm
Motor output power	150 W
Spindle speed(Stepless)	100-4500 rpm ±10%
Machine overall dimension (LxWxH)	380x250x430 mm
Packing size (LxWxH)	410x310x290 mm
Weight(Net/Gross)	9.3/10.4 kg

Standard Attachment

0.6-6mm M14x1 Drill chuck
 Wrench set

OPTIONAL ACCESSORIES

Mill chuck set



chuck dia. 1, 2, 4, 5, 6mm

Chuck



B10 0.6-6mm

Cutter HSS 2 pieces set (double end)



6x6x60mm

Face plate



dia. 70mm

Clamping Kit 12 pieces set



2 Flute end mill



1, 2, 4, 5, 6mm

Vice



Width 40mm

Rotary table



70x25mm

Yes! Just transform it!

SIEG's latest hot product in 2009
 Only a few easy steps of transforming with proper kit from Sieg
 Good for machinists of any level especially for beginning machinists



S/N:20101



S/N:20102



S/N:20103



S/N:20104



S/N:20105



S/N:20106



S/N:20107



S/N:20108



Nano Lathe



S/N:20109



S/N:20113



S/N:20110



S/N:20114



S/N:20112



S/N:20111



Nano Mill



Nano Drill



BABY LATHE

Specifications

Swing over bed	110 mm
Distance between centers	125 mm
Hole through spindle	10 mm
Tailstock screw	M14x1 mm
Spindle speed	100-3800 rpm±10%
Cross slide travel	50 mm
Motor output power	150 W
Overall dimension (LxWxH)	440x270x210 mm
Weight (Net/Gross)	14/16 kg
Packing Size (LxWxH)	500x400x310 mm

Standard Attachment

Ø50 mm 3-jaw chuck Wrench set
Oil can

OPTIONAL ACCESSORIES

4-Jaw chuck Ø50mm
independent self-centering



S/N:10180



S/N:10181

Auto feeder



S/N:10153

Angle cut rest



S/N:10154

Wood tool rest with center



S/N:10157

Rolling center



S/N:10156

Face plate



S/N:10158

2 Way tool rest



S/N:10155



8x8 mm

Cutter 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:10004 Cutter 5 pcs set
S/N:10005 Cutter 11 pcs set
S/N:10006 Cutter 6 pcs set

Steady rest



S/N:10152

Tailstock chuck



S/N:10159



MICRO LATHE

Specifications

Swing over bed	140 mm
Distance between centers	250 mm
Hole through spindle	10 mm
Spindle taper	MT2
Tailstock taper	MT1
Spindle speed	100-2000 rpm±10%
Cross slide travel	50 mm
Motor output power	150 W
Range of threads	Metric version 0.5-1.25 mm (5 thread pitches)
	Imperial version 16-24 TPI (5 thread pitches)
Overall dimension (LxWxH)	620x300x220 mm
Weight (Net/Gross)	23/32 kg
Packing size (LxWxH)	680x350x390 mm

Feature

- Variable speed
- Over-load protection
- Inside leadscrew

Standard Attachment

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

Stand



For C0, C1, C2, C3, X1, X0, X1, SUPER X1, X2, M1,

S/N:10000

Cutter 11 pieces set

- DIN 4971R DIN 4972R
- DIN 4973R DIN 4974R
- DIN 4975 DIN 4976
- DIN 4977R
- DIN 4978R 8XØmm
- DIN 4980L
- DIN 4980R
- DIN 4981R

S/N:10005

Quick change cutter rest



S/N:10144

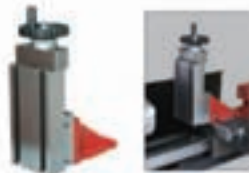
Quick vice



Width 50mm

S/N:10035

Vertical slider



S/N:10082

Horizontal slider



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

Mill chuck set



3, 4, 5, 6mm

S/N:10090

Wood tool rest + center



S/N:10086

Tool holder



Cut-off Blade Holder



Boring Cutter Holder
S/N:10089

Tool



Cut-off Blade size: 70x2x10mm



Boring Cutter Ø10mm
S/N:10089A

Face plate



Ø112mm

T-slot 8mm

S/N:10079

Clamping kit for face plate



S/N:10079A

Lathe dog



S/N:10015

Rolling center



MT#1
S/N:10093

Ball head cutting set



S/N:10087

Steady rest



S/N:10080

Follow rest



S/N:10081

OPTIONAL ACCESSORIES



MINI LATHE Model 200/300

Specifications

Swing over bed		180 mm
Swing over saddle		110 mm
Distance between centers	Model 200	200 mm
	Model 300	300 mm
Hole through spindle		20 mm
Cross slide travel		65 mm
Spindle taper		MT3
Tailstock taper		MT2
Spindle speed	Low range	100-1100 rpm ± 10%
	High range	100-2500 rpm ± 10%
Motor output power		250 W
Range of threads	Metric version	0.4-2.0 mm (10 thread pitches)
	Imperial version	12-52 TPI (8 thread pitches)
Overall dimension (LxWxH)	Model 200	620x300x290 mm
	Model 300	720x300x290 mm
Weight(Net/Gross)	Model 200	33/36 kg
	Model 300	37/40 kg
Packing size (LxWxH)	Model 200	670x330x330 mm
	Model 300	770x330x330 mm

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

Now

C2 →

UPGRADE

to →

Super C2



G2A is C2 with DRCD

OPTIONAL ACCESSORIES

Grinding attachment



S/N:10131

Carriage Stop



S/N:10182

Face plate



ø160mm

S/N:10007

Clamping kit for face plate



S/N:10007A



C2 or C3 owner, replace to DRCD by yourself.

Digital readout for cutting depth kit (DRCD kit)



S/N:10140

Steady rest



S/N:10008

Follow rest



S/N:10009

3-jaw chuck



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

4-jaw chuck (independent)



S/N:10010 ø80mm
S/N:10029 ø100mm
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

Rolling tailstock chuck



Dia. 13mm+MT#2

S/N:10147



Mill attachment



S/N: 10061



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



MINI LATHE Model 300

Specifications

Swing over bed	180 mm
Swing over saddle	110 mm
Distance between centers	300 mm
Hole through spindle	20 mm
Cross slide travel	65 mm
Spindle taper	MT3
Tailstock taper	MT2
Spindle speed	100-2500 rpm \pm 10%
Motor output power (Brushless motor)	500 W
Range of threads	Metric version 0.4-2.0 mm (10 thread pitches)
	Imperial version 12-52 TPI (8 thread pitches)
Overall dimension (LxWxH)	720x300x290 mm
Weight (Net/Gross)	50/60 kg
Packing size (LxWxH)	870x360x380 mm



No more High/Low Gear
 Trouble Free



Digital Spindle Speed Readout
 Available (Optional) S/N: 10030



Standard attachment

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

Features

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

Cutter 11 pieces set

- DIN 4971R DIN 4972R
- DIN 4973R DIN 4974R
- DIN 4975R DIN 4976R
- DIN 4977R
- DIN 4978R
- DIN 4980L
- DIN 4980R
- DIN 4981R
- 8X8mm



S/N:10005

Quick change cutter rest



S/N:10011

Mill chuck set



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

S/N:10148

Cutter 6 pieces set

- DIN 4972R DIN 4973R
- DIN 4974R DIN 4976R
- DIN 4977R
- DIN 4978R
- 8X8mm



S/N:10006

Tailstock chuck



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

Digital spindle speed readout



S/N:10030
 For mini lathe SC2

Cutter 5 pieces set

- DIN 4971R DIN 4975R
- DIN 4980R
- DIN 4980L
- DIN 4981R
- 8X8mm



S/N:10004

Knurling tool holder



S/N:10130

Wood toolrest with center



S/N: 10064

Digital spindle speed readout (independent using)



S/N: 10062
 For mini Lathe C2

Cutter 2 pieces set



S/N:10016

Cut-off tool



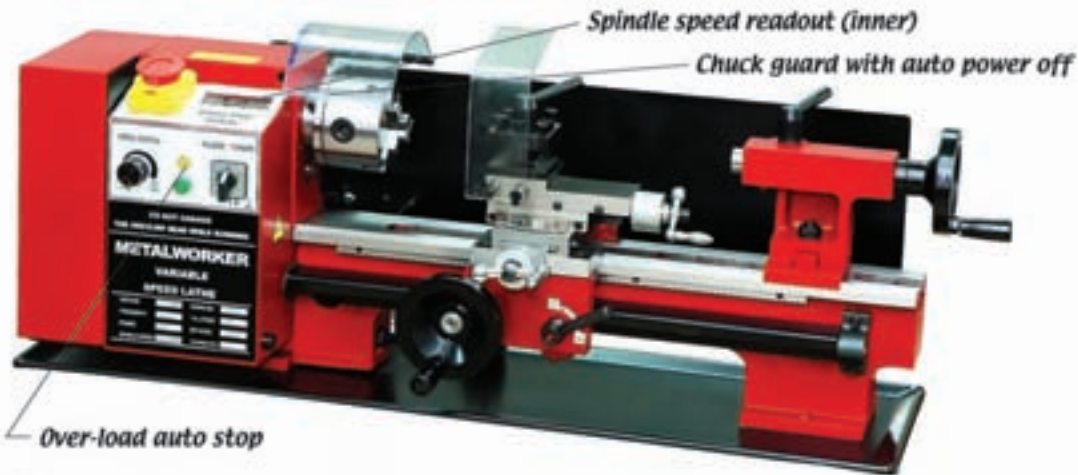
S/N:10145

Rocker tool post



S/N:10136

OPTIONAL ACCESSORIES



MINI LATHE

Specifications

Swing over bed		180 mm
Cross slide travel		65 mm
Motor output power		350 W
Distance between centers		350 mm
Hole through spindle		20 mm
Spindle taper		MT3
Tailstock taper		MT2
Spindle speed	Low range	100-1200 rpm±10%
	High range	100-3000 rpm±10%
Thread range	Metric version	0.4-2.0 mm (5 threads pitches)
	Imperial version	12-52 TPI (5 threads pitches)
Overall dimension (LxWxH)		880x290x290 mm
Weight (Net/Gross)		44/56 kg
Packing Size (LxWxH)		870x360x380 mm

Standard attachment

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



OPTIONAL ACCESSORIES

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



8X8mm S/N:10005



C2 or C3 owner, replace to DRCD by yourself.

Digital readout for cutting depth kit (DRCD kit)



S/N:10140

3-jaw chuck



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

4-jaw chuck (independent)



S/N:10010 ø80mm
S/N:10029 ø100mm
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

Steady rest



S/N:10008

Follow rest



S/N:10009

Rolling tailstock chuck



Dia.13mm+MT#2

S/N:10147



Face plate



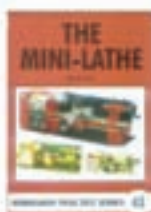
ø160mm

S/N:10007

Clamping kit for face plate



S/N:10007A



S/N:10031

Workshop Practice Series book "The Mini-Lathe" (Or get one free for every purchase of 5 pieces C3)

Mill chuck set



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

S/N:10148



Check C3 for other Optional Accessories



Metric and imperial thread cutting



BENCH LATHE

Specifications

Swing over bed	210 mm
Distance between centers	410 mm
Hole through spindle	20 mm
Spindle taper	MT3
Tailstock taper	MT2
Spindle speed	150-2000 rpm±10%
Compound travel	70 mm
Cross slide travel	100 mm
Motor output power	1000 W
Thread range	Metric and Inch
	0.25-3.0 mm
	8-24 TPI
Overall dimension (LxWxH)	1000x550x400 mm
Weight (Net/Gross)	94/125 kg
Packing Size (LxWxH)	1070x710x530 mm

Feature

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

Standard attachment

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

Steady rest



S/N:10160

Follow rest



S/N:10161

Face plate



S/N:10162

Clamping kit for face plate



S/N:10162A

Mill chuck set



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

Oil tray



S/N:10163

Digital readout for cutting depth kit (DRCD kit)



S/N:10165

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
- 10x10 mm



S/N:10022

Stand



S/N:10164

Quick change cutter rest



S/N:10168

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

OPTIONAL ACCESSORIES



BENCH LATHE Model 400/550

Specifications

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
Spindle speed(6 step)		125-2000 rpm
Compound travel		75 mm
Cross slide travel		110 mm
Motor output power		550 W
Thread range	Metric version	0.4-3.0 mm (12 threads pitches)
	Imperial version	10-44 TPI (8 threads pitches)
Overall dimension (LxWxH)	400	1080x680x450 mm
	550	1230x680x450 mm
Weight (Net/Gross)	Model 400	125/160 kg
	Model 550	145/180 kg
Packing Size (LxWxH)	Model 400	1100x680x610 mm
	Model 550	1200x680x610 mm

C6B



Spindle speed (variable speed) 0~2000 rpm ±10%
 Motor output power 800 W
 Other specifications are the same as C6.

Standard attachment

Ø125mm 3-jaw Chuck Dead center MT3/MT2 Change gear set
 Wrench set Oil can

OPTIONAL ACCESSORIES

Grinding & Milling attachment



S/N:10031
 Spindle speed I 0-3500RPM
 II 0-7000RPM
 Wheel size 80x20x10mm
 Motor output power 250W
 Net/Gross weight 7/10kg



Grinding attachment



S/N:10131
 Spindle speed 0-4000RPM
 Wheel size 80x20x10mm
 Motor output power 250W
 Net/Gross weight 4/5kg



Mill chuck set



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

Use For C6/M2 lathe



Steady rest



S/N:10019

Follow rest



S/N:10020

Wood toolrest with center



S/N:10063

Stand



Model 400 S/N:10017
 Model 550 S/N:10018

Mill attachment



S/N:10060

S/N:10021A Clamping Kit for face plate
 S/N:10028 2 pieces cutter
 (picture ref. S/N 10016)



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
Spindle speed	125-2000 rpm
Compound travel	75 mm
Cross slide travel	110 mm
Motor output power	1000 W (Brushless Motor)
Thread range	Metric version 0.4-3.0 mm
Thread range	Imperial version 10-44 TPI
Overall dimension (LxWxH)	1100x55x42 mm
Weight(Net/Gross)	129/165 kg
Packing Size (LxWxH)	1200x680x610 mm



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
- 10x10mm



S/N:10022

DRCD kit



S/N:10151

Tailstock chuck



Dia.13mm-MT#2

S/N:10027

Quick change cutter rest



S/N:10026

Face plate



ø220mm

S/N:10023

Rolling center



MT#2

S/N:10024

4-jaw chuck (independent)



S/N:10025 ø125mm
S/N:10025A ø125mm with flange

OPTIONAL ACCESSORIES

UNIVERSAL MILLING/ DRILLING & GRINDING MACHINE

Specifications

Milling and drilling

Max. drilling capacity	16 mm
Spindle speed	200-2500 rpm±10%
Spindle taper	MT3
Table longitudinal	200 mm
Table cross travel	120 mm
Spindle box travel	200 mm
End mill capacity	16 mm
Face mill capacity	50 mm
Max. distance spindle to table	200 mm
Table effective size	450x120 mm
T-slot size	8 mm
Motor output power	1000 W
Overall dimension (LxWxH)	570x520x1600 mm
Weight (Net/Gross)	185/230 kg
Packing size (LxWxH)	700x680x1680 mm

Grinding

Spindle speed	Grinding	2500 rpm±10%
Grinding wheel size		100x16x20 mm

Feature

- Milling/drilling & grinding function
- Brushless motor
- Touch switch
- Spindle speed read out

Standard attachment

- Grinding attachment
- Cutting attachment
- Drill chuck
- Grinding wheel
- Tool set
- Oil can



Milling/grinding

Horizontal milling/cutting

Grinding

OPTIONAL ACCESSORIES

Cooling water box



Overall dimension (LxWxH) 570x520x800 mm
Velocity 12 L/min
Power 40 W

S/N:10175

Cutter



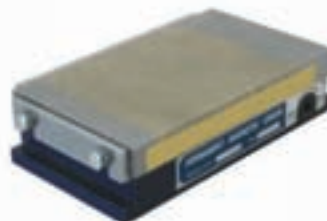
60x16x1.2 mm
S/N:10176

Grinding wheel



100x16x20 mm
S/N:10177

Permanent magnetic chuck



S/N:10178

- S/N:10035 Quick vice width 50 mm
- S/N:10037 Mill chuck set
MT3/4-16 mm
- S/N:10045 2 Flute HSS end mill
set 4-16 mm
- S/N:10046 Indexable carbide end
mill MT3/Ø30 mm
- S/N:10104 Clamping kit 12 pcs
- S/N:10105 Clamping kit 24 pcs
- S/N:10108 Vice width 55 mm
- S/N:10126 Collet set MT3/4-16 mm
- S/N:10127 Stub milling machine
arbor MT3/Ø16 mm
- S/N:10128 Boring arbor with
boring cutter MT3
- S/N:10129 Stub milling machine
arbor MT3/Ø16 mm

Z1



Feature
 Digital depth readout
 Feeding depth set up
 2 steps speed
 High accurate

MICRO DRILL

Specifications

Drilling capacity		6 mm
Spindle stroke		40 mm
Headstock travel (Z)		200 mm
Spindle taper		B10 or JT1
Motor output power		150 W
Spindle speed	High	5000 rpm±10%
	Low	3600 rpm±10%
Overall dimension (LxWxH)		175x165x415 mm
Weight (Net/Gross)		14/17 kg
Packing size (LxWxH)		520x400x270 mm

Standard attachment

Ø6 mm Drill chuck Screw driver Wrench set

X0



Feature
 Variable speed
 Fine feeding
 High accurate
 Digital depth readout
 Feeding depth set up

MICRO MILL

Specifications

Drilling capacity		6 mm
End milling capacity		6 mm
Spindle stroke		40 mm
Headstock travel (Z)		200 mm
Spindle taper		B10 or JT1
Motor output power		150 W
Spindle speed (Variable speed)	High	100 - 5000 rpm±10%
	Low	100 - 3600 rpm±10%
Overall dimension (LxWxH)		175x165x415 mm
Weight (Net/Gross)		14/17 kg
Packing size (LxWxH)		520x400x270 mm

Standard attachment

Ø6 mm Drill chuck Screw driver Wrench set

Quick vice



Width 50mm

S/N:10035

Work table



S/N:10138

Chuck set



S/N:10139 B10-1,2,4,5,6mm

S/N:10139A JT1- $\frac{3}{8}$ " , $\frac{1}{2}$ " , $\frac{5}{8}$ " , $\frac{3}{4}$ " , $\frac{1}{2}$ "

Stand



For C0, C1, C2, C3, Z1, X0,
 X1, SUPER X1, X2, M1,

S/N:10000

OPTIONAL ACCESSORIES

SXO comes with a brand new outlook in our milling series. It is the perfect match with our C0 baby lathe. Small in size but capable in work make this mill one of the most promising milling machine in the future market.

Specifications

Headstock travel	130 mm
T-slot size	8 mm
Cross axis(X)	160 mm
Longitudinal axis(Y)	100 mm
Motor power	150 W
Spindle taper	MT1
Spindle speed	Low range 100-1300 rpm±10%
	High range 200-2000 rpm±10%
Head tilt	45°L, 45°R
End milling capacity	10 mm
Face milling capacity	16 mm
Weight (Net/Gross)	25/28 kg

Standard attachment

- Drill chuck
- Wrench set
- Oil can



Outstanding headstock design



Head tilt 45°L/ 45°R



Leadscrew cover for axis

OPTIONAL FOR X1 &

Rotary table

Size 100mm



S/N: 10094



Dividing Plate for S/N 10094

S/N: 10094-1



Tailstock for S/N 10094

S/N: 10094-2

Clamping kit



12pcs.

Bolt size 6mm

include: 2 studs, 1 step block pair, 2 T-nuts, 2 flange nuts, 2 coupling nuts, 2 end holddowns

S/N: 10104

Clamping kit



24 pcs.

Bolt size 6mm

include: 4 studs, 2 step block pairs, 4 T-nuts, 4 flange nuts, 4 coupling nuts, 4 end holddowns

S/N: 10105

Stub milling machine arbor



MT#2

for slitting saw, hole ø13mm

S/N: 10116

Boring arbor with boring cutter



MT#2

S/N: 10117

OPTIONAL ACCESSORIES

Rotary table

Size 100mm



S/N: 10094



Dividing Plate for S/N 10094

S/N: 10094-1



Tailstock for S/N 10094

S/N: 10094-2

vice

Width 55mm



S/N: 10108

Clamping kit



12pcs.

Bolt size 6mm

include: 2 studs, 1 step block pair, 2 T-nuts, 2 flange nuts, 2 coupling nuts, 2 end holddowns

S/N: 10104

Vice

Width 70mm



S/N: 10133

Clamping kit



24 pcs.

Bolt size 6mm

include: 4 studs, 2 step block pairs, 4 T-nuts, 4 flange nuts, 4 coupling nuts, 4 end holddowns

S/N: 10105

ACCESSORIES SUPER X1



Indexable carbide end mill



Stub milling machine arbor



MICRO MILL

Specifications

Drilling capacity	10 mm
End milling capacity	10 mm
Face milling capacity	16 mm
Headstock travel (Z)	230 mm
Cross axis (X)	90 mm
Longitudinal axis (Y)	180 mm
Throat	140 mm
Max. distance spindle to table	220 mm
Spindle taper	MT2
Motor output power	150 W
Spindle speed	Low range 100-1000 rpm±10%
	High range 100-2000 rpm±10%
Table effective size	240x145 mm
T-slot size	8 mm
Overall dimension (LxWxH)	425x350x690 mm
Weight (Net/Gross)	32/44 kg
Packing size (LxWxH)	420x410x630 mm

Standard attachment

Ø10 mm Drill chuck Wrench set Oil can

Oil tray for X1



Size 312 x 290mm

S/N:10106



SUPER X1

MICRO MILL

Specifications

Drilling capacity	10 mm
End milling capacity	10 mm
Face milling capacity	16 mm
Headstock travel (Z)	230 mm
Cross axis (X)	130 mm
Longitudinal axis (Y)	180 mm
Throat	140 mm
Head tilt	45°L, 45°R
Max. distance spindle to table	220 mm
Spindle taper	MT2
Motor output power	150 W
Spindle speed	Low range 100-1000 rpm±10%
	High range 100-2000 rpm±10%
Table effective size	240x145 mm
T-slot size	8 mm
Overall dimension (LxWxH)	500x350x690 mm
Weight (Net/Gross)	40/56 kg
Packing size (LxWxH)	480x400x630 mm

Standard attachment

Ø10 mm Drill chuck Wrench set Oil can



Oil tray for super X1



Size 455 x 316mm

S/N:10107



MINI MILLING MACHINE

Specifications

Drilling capacity	13 mm
End milling capacity	16 mm
Face milling capacity	30 mm
Headstock travel (Z)	180 mm
Cross axis (X)	100 mm
Longitudinal axis (Y)	220 mm
Throat	170 mm
Max. distance spindle to table	280 mm
Head tilt	45°L, 45°R
Spindle taper	MT3 or R8
Motor output power	350 W
Spindle speed	Low range 100-1100 rpm±10%
	High range 100-2500 rpm±10%
Table effective size	390x92 mm
T-slot size	12 mm
Overall dimension (LxWxH)	520x500x760 mm
Weight (Net/Gross)	50/68 kg
Packing size (LxWxH)	520x520x730 mm

Standard attachment

- Ø13 mm Drill chuck
- Wrench set
- Oil can



Now

X2 →

UPGRADE

to →

Super X2



X2L/SX2L is X2/SX2 with bigger base
X Travel increase by 130
Y Travel increase by 300

OPTIONAL ACCESSORIES

Rotary table

Size 100mm



S/N: 10094



Dividing Plate
for S/N 10094
S/N: 10094-1

Tailstock
for S/N 10094



S/N: 10094-2

Quick vice



Width 100mm

S/N:10036

Auto feeder



You can mount this
Auto feeder on X2
yourself!

S/N:10132

Indexable carbide end mill



MT83
ø30mm

S/N:10046

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

Upgraded version of X2
 Brushless Motor
 Improved PC Board
 Greater Durability
 Higher Efficiency
 Maintenance-free
 Noise-free

MINI MILLING MACHINE

Specifications

Drilling capacity	13 mm
End milling capacity	16 mm
Face milling capacity	30 mm
Headstock travel (Z)	180 mm
Cross axis (X)	100 mm
Longitudinal axis (Y)	220 mm
Throat	170 mm
Max. distance spindle to table	280 mm
Head tilt	45°L, 45°R
Spindle taper	MT3 or R8
Spindle speed	100-2500 rpm ± 10%
Motor output power (Brushless motor)	500 W
Table effective size	385x100 mm
T-slot size	12 mm
Overall dimension (LxWxH)	520x500x760 mm
Weight (Net/Gross)	50/68 kg
Packing size (LxWxH)	540x540x760 mm

Standard attachment

Ø13 mm Drill chuck
 Wrench set
 Oil can



SUPER QUIET



Stub milling machine arbor



MT#3

for slitting saw, hole ø5 mm
 S/N:10127

Boring arbor with boring cutter



MT#3

S/N:10128

Stub milling machine arbor



MT#3

for slitting saw, hole ø1 mm
 S/N:10129

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

Digital spindle speed readout



S/N:10030
 For mini mill SX2

Mill chuck set



MT#3

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

S/N:10037

vice



Width 80mm

S/N:10109

OPTIONAL ACCESSORIES

SMALL MILL

Specifications

Drilling capacity		25 mm
End mill capacity		16 mm
Face mill capacity		50 mm
Spindle stroke		80 mm
Throat		230 mm
Max. distance spindle to table		380 mm
Spindle taper		MT3 or R8
Spindle speed	High range	100-2000 rpm±10%
	Low range	100-1000 rpm±10%
Table effective size		550x160 mm
T-slot size		12 mm
Table cross travel		145 mm
Table longitudinal travel		400 mm
Motor output power		600 W
Overall dimension (LxWxH)		760x720x930 mm
Weight (Net/Gross)		165/198 kg
Packing size (LxWxH)		840x820x1040 mm



Standard attachment

- Ø16 mm Drill chuck
- Wrench set
- Oil can

OPTIONAL ACCESSORIES

Rotary table

Size 100mm



S/N: 10094



Dividing Plate
for S/N 10094
S/N: 10094-1

Tailstock
for S/N 10094



S/N: 10094-2

Work table with angle



S/N: 10135

Quick Vice



Width 100mm

S/N: 10036

Mill chuck set



MTØ3

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

S/N: 10037

Power feeder



S/N: 10141

Vice with angle

Width 100mm



S/N: 10143

Vice



S/N: 10109 Width 80mm

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



MTØ3
ø30mm

S/N: 10046

SMALL MILL

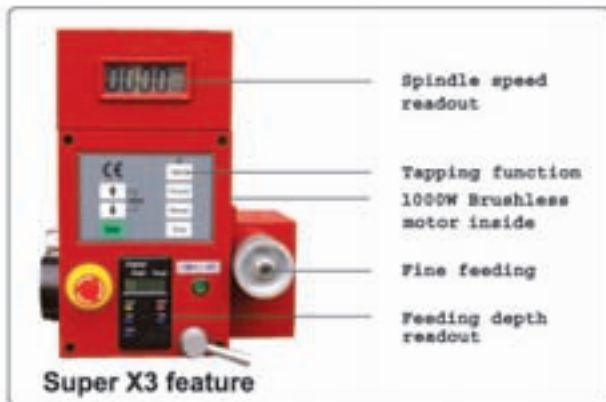
Specifications

Drilling capacity	25 mm
Max. tapping capacity	12 mm
End mill capacity	16 mm
Face mill capacity	50 mm
Spindle stroke	70 mm
Throat	230 mm
Max distance spindle to table	380 mm
Spindle taper	MT3 or R8
Spindle speed	100-1750 rpm±10%
Table effective size	550x160 mm
T-slot size	12 mm
Table cross travel	145 mm
Table longitudinal travel	400 mm
Motor output power	1000 W
Overall dimension (LxWxH)	760x720x930 mm
Weight (Net/Gross)	165/198 kg
Packing size (LxWxH)	840x820x1040 mm

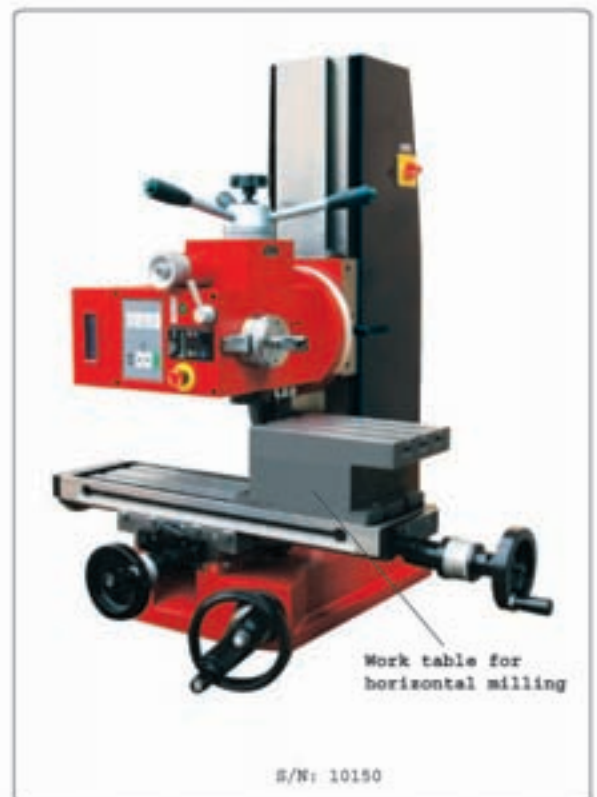
- Variable spindle speed
- Feeding depth and spindle speed digital readout
- Tapping function
- Tapping switch
- Tapping function
- Brush-less DC motor
- Fine feeding function
- Horizontal milling
- Rotatory spindle box

Standard attachment

- Ø16 mm Drill chuck
- Wrench set
- Oil can



- S/N:10045 2 flute HSS end mill ø4-16mm 7pcs.set
- S/N:10126 Collet set
- S/N:10127 Stub milling machine arbor MTØ3,ø16mm
- S/N:10128 Boring arbor with boring cutter MTØ3
- S/N:10129 Stub milling machine arbor MTØ3,ø16mm
- S/N:10113 Flying Cutter MTØ3,ø50mm



MILL

Specifications

Max.drilling capacity	Ø45 mm
Max.horizontal milling diameter	80 mm
Max.vertical milling capacity	Ø28 mm
Max.tapping capacity	M12 mm
Max.spindle travel	120 mm
Morse taper of spindle nose	MT4
Spindle speeds (6 steps)	95-1600 rpm
Distance from spindle axis to column surface	260 mm
Size of worktable	820x240 mm
Travel of worktable	550x200 mm
Distance from spindle nose to worktable	0-475 mm
T-slot size	14 mm
Motor	750W
G.W/N.W	340/270 kg
Packing size (LxWxH)	1080x780x1150 mm



Upon our users strongest request, we made X4 to meet their needs. With 45mm drilling capacity and 550x200mm worktable travel, our milling machine has extended to a new level of semi-industrial machine! Simple in its design, it's very powerful and stable in use. Thus, a much wider range of working capacity has been brought to our users. And you can use your cost out of this machine both in hobby and in industry.

X4 Finally comes!!!

Features

- 6 steps speed control
- For/Rev switch & Emergency stop
- Cutting depth display
- 45mm drilling capacity
- 550x200mm worktable travel
- Powerful and stable in use
- Both for hobby & industry



6 steps speed control
For/Rev switch & Emergency stop



Cutting depth display

MILL

Specifications

Drilling capacity	30mm
Spindle stroke	85mm
Table cross travel	245mm
Table longitudinal travel	410mm
Max spindle travel	345mm
Max distance spindle to table	430mm
Spindle taper	MT4
Spindle speed	100-1600 r/min
Table effective size	240X820mm
T-slot size	14mm
Motor output power	1500 W
Overall dimension (LxWxH)	960X834X1079
Packing size (LxWxH)	1060X920X1110
Weight (Net/Gross)	355/370KG



Optional Accessory
S/N 10115 Stand
(Packed with SX4 together in one case)



Tilting angle display (Patent)



S/N 10141 Power feeder



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
Spindle speed		100-2000 rpm±10%
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)

Drilling and milling

Max.drilling/milling capacity		10 mm
Travel of drilling/milling spindle		30 mm
Drilling/milling spindle speed		100-1500 rpm±10%
T-slot		8 mm
Motor output power		150 W
Overall dimension (LxWxH)		620x330x570 mm
Net/Gross weight		45/51 kg
Packing size (LxWxH)		690x430x615 mm



Standard attachment

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

OPTIONAL ACCESSORIES

S/N: 10000	Stand	S/N: 10091	Tailstock chuck-shank MT#1,10mm
S/N: 10004	Cutter 5 pieces set DIN 4971R DIN 4980L DIN 4975 DIN 4981R DIN 4980R	S/N: 10093	Rolling center MT#1
S/N: 10010	4-Jaw chuck ø80mm (independent)	S/N: 10094	Rotary table 100mm
S/N: 10015	Lathe dog	S/N: 10094-1	Dividing plate for S/N 10094
S/N: 10035	Quick vice Width 50mm	S/N: 10094-2	Tailstock for S/N 10094
S/N: 10069	2 Flute HSS end mill set	S/N: 10108	Vice width 55mm
S/N: 10070	Mill chuck set	S/N: 10116	Stub milling machine arbor MT#2,13mm
S/N: 10071	Indexable carbide end mill	S/N: 10117	Boring arbor with cutter
S/N: 10078	MT#2 collet set	S/N: 10118	Stub milling machine arbor MT#2,13mm
S/N: 10079	Face plate ø112mm T-slot 8mm	S/N: 10144	Quick change cutter rest
S/N: 10080	Steady rest	S/N: 10145	Cut-off tool
S/N: 10081	Follow rest		
S/N: 10082	Vertical slider		
S/N: 10083	Horizontal slider		
S/N: 10084	Thread cutting kite Metric z=40,42,45,48,50,54,60		
S/N: 10085	Thread cutting kite 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		



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

MULTI-PURPOSE MACHINE

Specifications

Cutting (Lathe)

Swing over bed	210 mm
Distance between centers	410 mm
Spindle bore	20 mm
Spindle taper	MT#3
Tailstock taper	MT#2
Spindle speed	0-2000 rpm
Compound travel	70 mm
Cross slide travel	100 mm
Motor output power	1000W
Thread range	
Metric	0.25-3.0 mm (17 threads pitches)
and Inch	8-24 TPI (10 threads pitches)

Drilling & Milling

Drilling capacity	10 mm
End milling capacity	10 mm
Face milling capacity	20 mm
Spindle taper	MT#2
Spindle speed	
Low range	100-1000 rpm ±10%
High range	100-2000 rpm ±10%
Spindle travel	30 mm
Headstock travel	140 mm
Spindle to worktable	175 mm
Head tilt	30°L, 45°R
Motor	150 W

Feature

Touch Sensitive Controls	<i>Metric and imperial thread cutting</i>
Brushless motor	Cross and longitudinal auto feed
Quick lock tailstock	Digital Speed Display

Standard attachment

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



M4 = C4 + mill attachment (M4MA)



Metric and imperial thread cutting



Cross and longitudinal auto feed

Digital readout for cutting depth kit (DRCO kit)



S/N:10165

Tailstock chuck



Dia.13mm-MT#2

S/N:10027

Quick vice



Width 50mm

S/N:10035

Mill chuck set



Chuck dia. 3,4,5,6,8,10mm

S/N:10070

Quick change cutter rest



S/N:10166

Steady rest



S/N:10160

Follow rest



S/N:10161

Mill chuck set



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

S/N:10167



S/N: 10162 Face Plate

S/N: 10162A Clamping Kit for Face Plate

S/N: 10163 Oil Tray

S/N: 10164 Stand

S/N: 10022 Cutter 11 Pieces Set

S/N: 10029 4-jaw chuck (independent)

S/N: 10024 Rolling Center

S/N: 10104 Clamping Kit 12 pcs

S/N: 10071 Indexable Carbide End Mill

S/N: 10117 Boring Arbor with Boring Cutter

OPTIONAL ACCESSORIES

MULTI-PURPOSE MACHINE

Model 400/550

Specifications

Cutting (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
Spindle speed (6 steps)		125-2000 rpm
Compound travel		75 mm
Cross slide travel		110 mm
Motor output power		550 W
Thread range		
Metric version	0.4-3.0 mm (12 threads pitches)	
Imperial version	10-44 TPI (8 threads pitches)	
Weight (Net/Gross)	Model 400	125/160 kg
	Model 550	145/180 kg
Packing Size (LxWxH)		
Model 400		1100x680x610 mm
Model 550		1200x680x610 mm

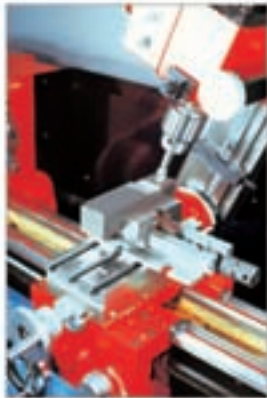


Standard Attachment

- Ø125 mm three jaw chuck
- Ø13 mm drill chuck with taper shank
- Dead centers MT3 and MT2
- Gear set
- Mill table



Mill table



It's milling now.

Drilling & Milling

Drilling capacity		13 mm
End milling capacity		16 mm
Face milling capacity		30 mm
Spindle taper		MT3 or R8
Spindle speed	Low range	100-1100 rpm±10%
	High range	100-2500 rpm±10%
Headstock travel		180 mm
Spindle to worktable		245 mm
Head tilt		25°L, 45°R
Motor output power		350 W
Weight (Net/Gross)		32/47 kg
Packing size		770x412x550 mm
M2/400 Overall dimension (LxWxD)		1100x680x860 mm
M2/550 Overall dimension (LxWxD)		1200x680x860 mm

M6 = C6



+



M6B = C6B



+

SM6 = SC6



+

Mill Attachment (M6MA)

S/N:10017
S/N:10018
S/N:10019
S/N:10020
S/N:10021
S/N:10022
S/N:10023
S/N:10023A
S/N:10024
S/N:10025A

Stand Model 400
Stand Model 550
Steady rest
Follow rest
Grinding & Milling attachment
11 pcs cutter set 10x10mm
Ø220 mm Face plate
Clamping kit for face plate
Rolling center MT#2
Four jaw chuck with flange (Independent) Ø125 mm

S/N:10026
S/N:10027
S/N:10028
S/N:10036
S/N:10037
S/N:10045
S/N:10046
S/N:10047
S/N:10149

Quick change rest
Tailstock chuck dia.13 mm+mt#2
Cutter 2 pcs set
Quick vice 100 mm
Mill chuck set Ø4-Ø16 mm/7 pcs
End mill Ø4-Ø16 mm/7 pcs
End mill MT#3/Ø30 mm
Clamping kit 42 pcs / bolt 10 mm
Mill chuck set Ø4-Ø16 mm/7 pcs

DRCD kit



S/N:10151



OPTIONAL ACCESSORIES

Engraving Machine (Router)

Specifications

Main Spindle	ER16
Swing over bed	95 mm
Distance between centers	50 mm
Spindle speed	300-20000 r/min
T slot size	8 mm
Effective table size	480 mmx740 mm
X Axis travel	360 mm
Y Axis travel	400 mm
Z Axis travel	55 mm
Position resolution	0.01 mm
Reposition resolution	0.01 mm
Motor output power	500 W
Working speed X/Y Axis	5000 mm/min
Working speed Z Axis	1500 mm/min
Weight	120 kg/150 kg
Packing size	1040x970x980 mm
Overall dimension	930x810x800 mm

Brushless Motor

PC-controlled with powerful MACH3 software

Ball screw and Linear Bearings(stable & high accuracy)

"Plug in" machine & ready to go!



Working table optional
S/N:100008



Brushless motor



Linear lead rail



Towline 25x25mm

Cooling Water Box



S/N 10134

Volume 27 L
Velocity 12 L/min
Power 40 W
Overall dimension(LxWxD) 580x300x400 mm



S/N 10175

Volume 16 L
Velocity 12 L/min
Power 40 W
Overall dimension(LxWxD) 310x260x350 mm

Rotary Table



S/N: 10094 Size 100mm
S/N: 10143 Size 150mm



Dividing Plate
S/N: 10094-1 for S/N 10094
S/N: 10143-1 for S/N 10143



Tailstock
S/N: 10094-2 for S/N 10094
S/N: 10143-2 for S/N 10143

Work Table

Table size (LxW) 420x203mm
X-axis travel 150mm
Y-axis travel 200mm
T-slot size 12mm

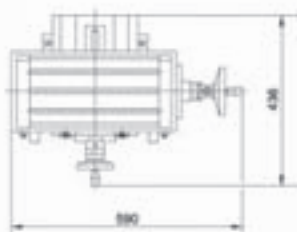


Table size (LxW) 385x92mm
X-axis travel 158mm
Y-axis travel 300mm
T-slot size 12mm

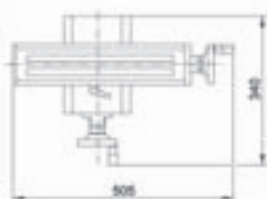


Table size (LxW) 240x145mm
X-axis travel 100mm
Y-axis travel 200mm
T-slot size 8mm

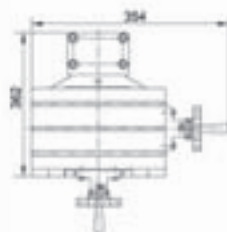
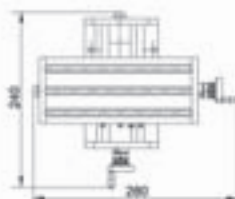


Table size (LxW) 200x90mm
X-axis travel 70mm
Y-axis travel 100mm
T-slot size 8mm



S/N: 10095 Worktable w/o auto-feeder
S/N: 10096 Worktable with auto-feeder



S/N: 10055



S/N: 10137



S/N: 10138

Vice

	S/N NO.	Width of jaw	Height of jaw	Max. opening of jaw	Packing size	G.W/N.W (KGS)
 Vice (Swivel type)	S/N10108	55mm	20mm	60mm	215x200x135mm	3.0/2.8
	S/N10109	80mm	30mm	100mm	290x225x150mm	6.0/5.7
	S/N10110	120mm	40mm	130mm	335x290x183mm	12.0/11.2
 Vice (QH type)	S/N10111	80mm	30mm	65mm	225x160x95mm	6.8/6.5
	S/N10112	100mm	35mm	80mm	255x190x115mm	9.5/9.2
	S/N10048	125mm	40mm	100mm	300x190x128mm	15.0/14.5
 Vice (Angle type)	S/N10133	70mm	20mm	60mm	175x120x60mm	2.8/2.7
	S/N10142	100mm	25mm	90mm	225x160x95mm	5.0/4.8
 Vice (Plain type)	S/N10035	50mm	16mm	35mm	145x70x50mm	0.8/0.7
	S/N10036	100mm	22mm	75mm	270x120x90mm	5.3/5.1
 Vice (BMS type)	S/N	80mm	20mm	75mm	330x325x215mm	2.2/2.0
	S/N	100mm	22mm	95mm	485x330x200mm	2.7/2.5
	S/N	125mm	24mm	115mm	355x290x230mm	4.9/4.5
 Vice (U.S. type)	S/N	85mm	30mm	60mm	410x360x200mm	3.4/3.2
	S/N	100mm	30mm	90mm	420x340x320mm	5.4/5.0
	S/N	120mm	35mm	100mm	445x425x220mm	6.0/5.6

Drilling Machine



- Variable spindle speed
- Feeding depth and spindle speed digital readout
- Touching switch
- Tapping function



- Easy removing tools on Z2, Z3, Z4



- Brush-less DC motor



- Tilting worktable on Z2, Z3, Z4



Z2



Z3

Specifications	Z2	Z3	Z4
Max.drilling capacity	20 mm	30 mm	40 mm
Max.tapping capacity	12 mm	14 mm	20 mm
Max.spindle traverse	80 mm	100 mm	120 mm
Spindle taper	MT2	MT3	MT4
Spindle speed	100-1500 rpm	100-1800 rpm	High:250-1750 rpm Low:100-900 rpm
Distance from spindle axis to column surface	250 mm	280 mm	310 mm
Max.distance from spindle nose to worktable	380 mm	460 mm	600 mm
Max.distance from spindle nose to base surface	750 mm	930 mm	1160 mm
Dimension of worktable surface	320x360 mm	400x350 mm	440x390 mm
Diameter of column	90 mm	110 mm	120 mm
Overall height	1218 mm	1750 mm	1805 mm
Motor output power	1000 W	1500 W	1500 W
Worktable "T" slot size	12 mm	14 mm	14 mm
Overall size:(LxWxH)	680x385x1220 mm	750x550x1820 mm	845x560x1850 mm
Packing size:(LxWxH)	805x570x1395 mm	850x600x2000 mm	900x640x2010 mm
Gross weight	260 kg	361 kg	613 kg
Net weight	220 kg	321 kg	563 kg



COOLING WATER BOX

Volume	27 L
Velocity	12 L/min
Power	40 W



S/N: 10134

OPTIONAL ACCESSORIES

Specifications

Max.drilling capacity	Ø31.5 mm
Diameter of column	Ø100 mm
Max.spindle travel	110 mm
Morse taper of spindle nose	MT3
Spindle speeds (9 steps)	140-1780 rpm
Size of worktable	Ø320 mm
Size of base worktable	320x350 mm
Distance from spindle axis to column surface	235 mm
Distance from spindle nose to worktable	60-590 mm
Distance from spindle nose to base surface	1015 mm
Motor	1100 W
G.W/N.W	320/270 kg
Ship measurement	860x550x1700 mm

EXCEPT US 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



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

G1



HACK SAW

Max. cutting diameter	Ø130 mm
Stroke speed	170 steps/m
Stroke range	70 mm
Blade size	300x25x1.2 mm
Motor output power	180 W
Weight (Net/Gross)	75/90 kg
Packing size (LxWxH)	880x460x500 mm

COOLING WATER BOX

Volume	27 L
Velocity	12 L/min
Power	40 W



OPTIONAL ACCESSORIES



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



UNIVERSAL BENDER

Bend Metal Wire and Strip into Complex Shapes with Ease

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



WIRE BENDER

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



STANDARD SPRAY BOOTH

S/N: 20006(small) S/N: 20007(big)
Packing size: 650x500x300 mm Packing size: 850x500x300 mm
Net weight: 12kg Net weight: 18kg



PROPORTIONAL DIVIDER

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

MODELS

Stirling Engine kit

(Powered by a clean burning alcohol burner)

(Provided in Modes 1-3)

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.



HAE 01



HAE 02



HAE 03



HAE 04



HAE 05



Fan Kit

(Powered by hot water)

(Provided in modes 1 & 3)

The Fan kit is powered by steamed water (80°C or above). Just put the pipe into a glass of hot water, the fan turns automatically until the water is below the required temperature.

(Glass not included)



CAN 01



CAN 02

CANNON KIT

(Provided in Modes 1 & 3)

All brass construction, makes a great display piece itself.

(Wood base not included.)

Only 10 Sets For Min. Trial Order !

Modes of distribution

3 modes of distribution are available for our models.

- | | | | |
|----------------|----------------------|-----------|----------------------|
| <i>Mode 1:</i> | <i>Assembled Kit</i> | <i>-1</i> | <i>(eg. HAE01-1)</i> |
| <i>Mode 2:</i> | <i>Machined Kit</i> | <i>-2</i> | <i>(eg. HAE01-2)</i> |
| <i>Mode 3:</i> | <i>Material Kit</i> | <i>-3</i> | <i>(eg. HAE01-3)</i> |

*ASSEMBLED KIT---Provided with a finished product.
(No work is required, makes a great display piece itself.)*

SAMPLES



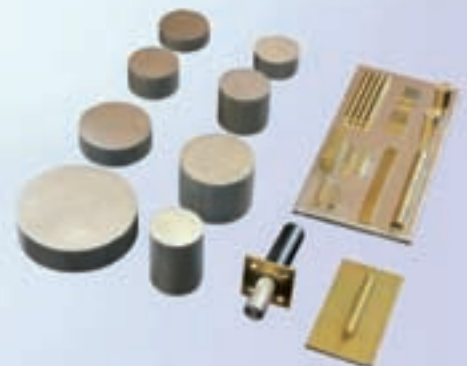
HAE 01

MACHINED KIT---Includes all parts necessary for simple tooling and assembly (A great project for beginning machinist.)



HAE 01-2

*MATERIAL KIT---Includes all castings and raw parts.
Parts must be machined on a mill, with some knowledge of tooling to complete. (A great project for medium-leveled machinist)*



HAE 01-3



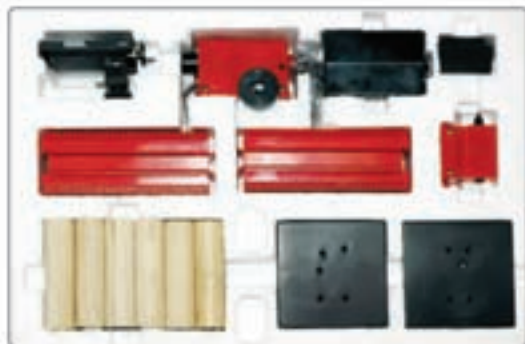
THICKNESS DRUM SANDER

Specifications

Drum size	50 mm in diameter x 140 mm long
Capacity	Sands wood up to 12 mm thick and 127 mm wide
Drum speed	5800 rpm
Sanding sleeves	Various grits available (sold separately)
Drive system	Multi-V-belt
Accuracy	Table is adjustable side-to-side for uniform thickness
Overall size	380x380x410 mm
Weight	15KG



5-in-1 Workshop for Apprentice Woodworkers



WOODWORKING MACHINE

S/N: 20003
 Packing size: 480x90x360 mm
 Net weight: 2.5kg



OSCILLATING SPINDLE SANDER Model M1S-370

Specifications

Stroke length	25 mm
Max. height of sanding	100 mm
Spindle speed	3000 rpm±10%
Table size	370x370 mm
Motor output power	180 W
Weight (Net/Gross)	40/43 kg
Packing size (LxWxH)	450x450x610 mm

*Ground cast iron 360x360mm table tilts to 45 .
 Built-in 50mm dust collection port.
 Spindle oscillates at 50 strokes-per-min(50Hz power).*



***SEE HOW THESE PEOPLE HAVE FUN WITH OUR MACHINES!
 YOU'LL BE AMAZED WHAT THESE LITTLE GUYS CAN DO!
 (Photos taken from MODEL ENGINEER magazine in U.K)***

Beside 'SIEG', we have two sub-brands:



'SIEG' is our main brand name



Black & Red series:
Precision Machines



White & Blue series:
Industrial Machines

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