



SOAR
Machine Tool



**PROFESSIONAL MACHINE
EXPORTER & MANUFACTURER**

**PRECISION
MACHINERY**

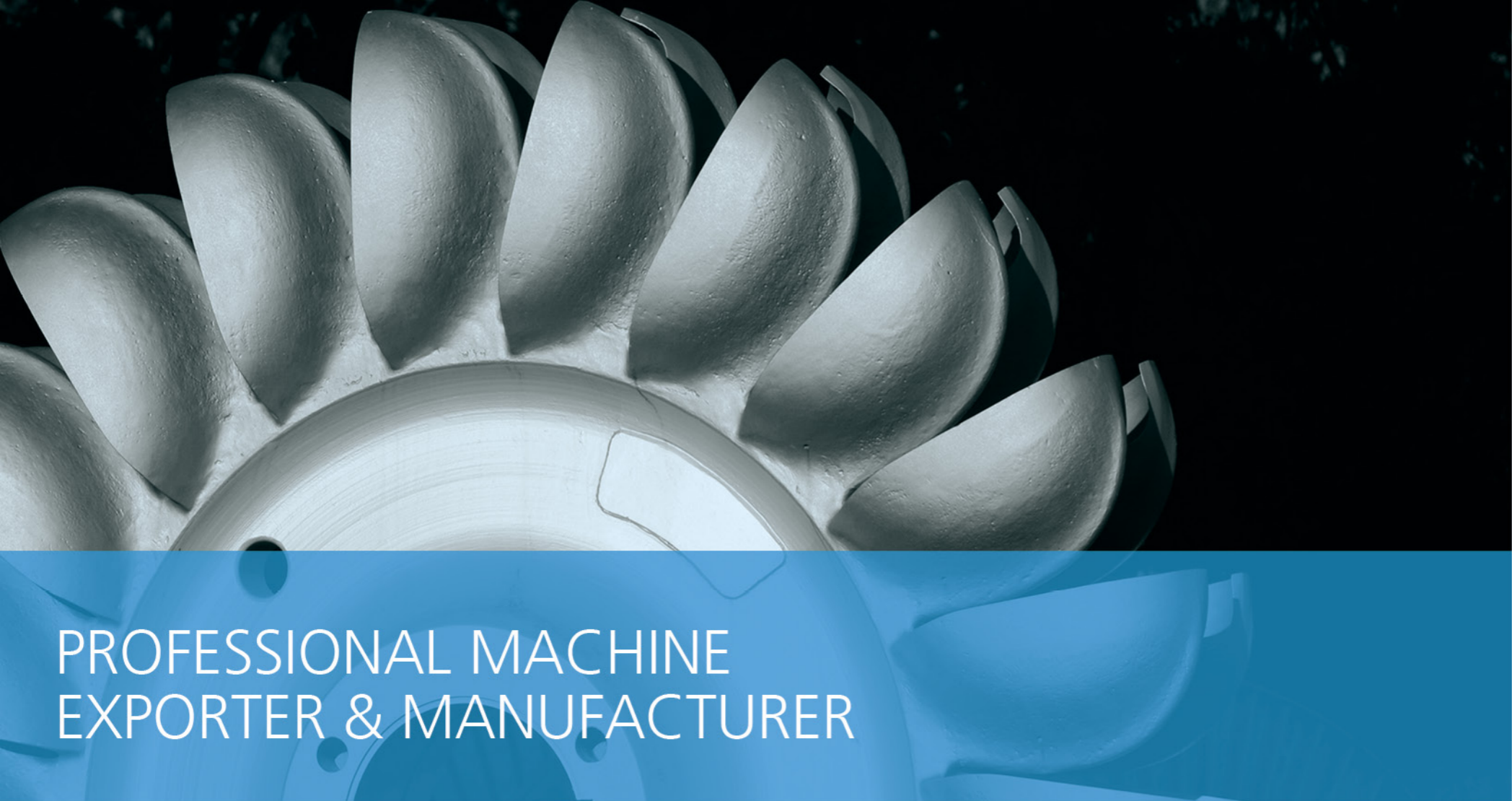
**YANGZHOU SOAR
MACHINE TOOL CO., LTD.**

PROFESSIONAL MACHINE
EXPORTER & MANUFACTURER



SOAR
Machine Tool

YANGZHOU SOAR MACHINE TOOL CO., LTD.



PROFESSIONAL MACHINE EXPORTER & MANUFACTURER



PRODUCT CATALOG

COMPANY PROFILE

WARRANTY

SOAR MACHINE offer a full warranty on all our products.

EXPERIENCE

SOAR has produced lathe machine more than 10 years, and export all over the world

MADE TO LAST

SOAR MACHINE are built to very high standards, all machines are made from material and quality checked throughout production. Final quality checks are carried out by SOAR engineers.

SERVICE

SPARE PARTS

spare parts supply in time is important for after service. If something happens to your products, our experienced engineers will help you at once. Each machine is supplied with a full instruction manual and spare parts list.

PRODUCTS PREPARATION

All products go through a pre-delivery inspection carried out by one of our. Experienced qualified service engineers. Installation & commissioning packages. Can be offered at an additional cost.

WARRANTY

SOAR MACHINE offer a full warranty on all our products.

BUILT TO LAST

All of our products' quality will be checked both at the factory and before dispatch.

LATHE MACHINE | 01

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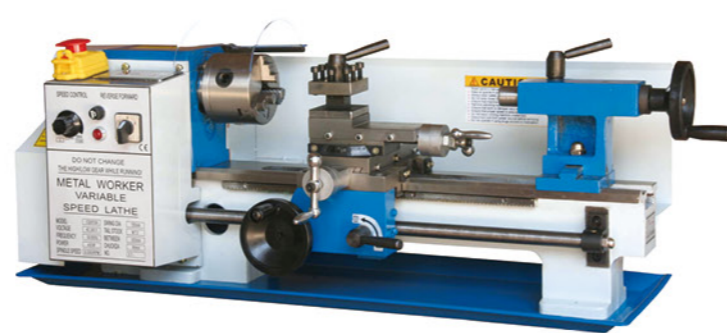
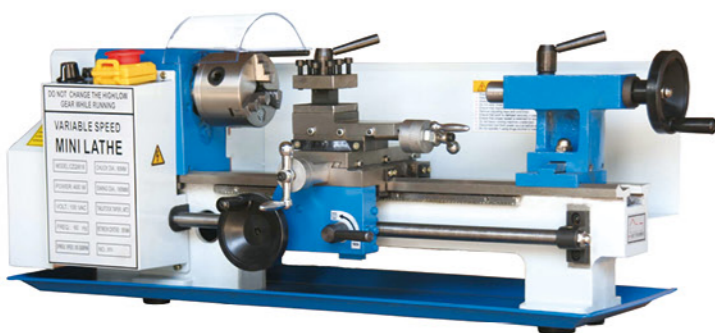
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TU0618
VARIABLE SPEED MINI-LATHE

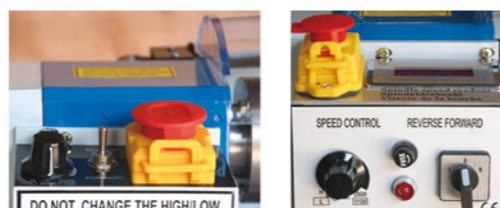
- Induction harden bedway
- Variable speed
- DC motor

TU0618
VARIABLE SPEED READOUT MINI-LATHE

- Induction harden bedway
- Spindle Speed Readout
- Variable speed
- DC motor



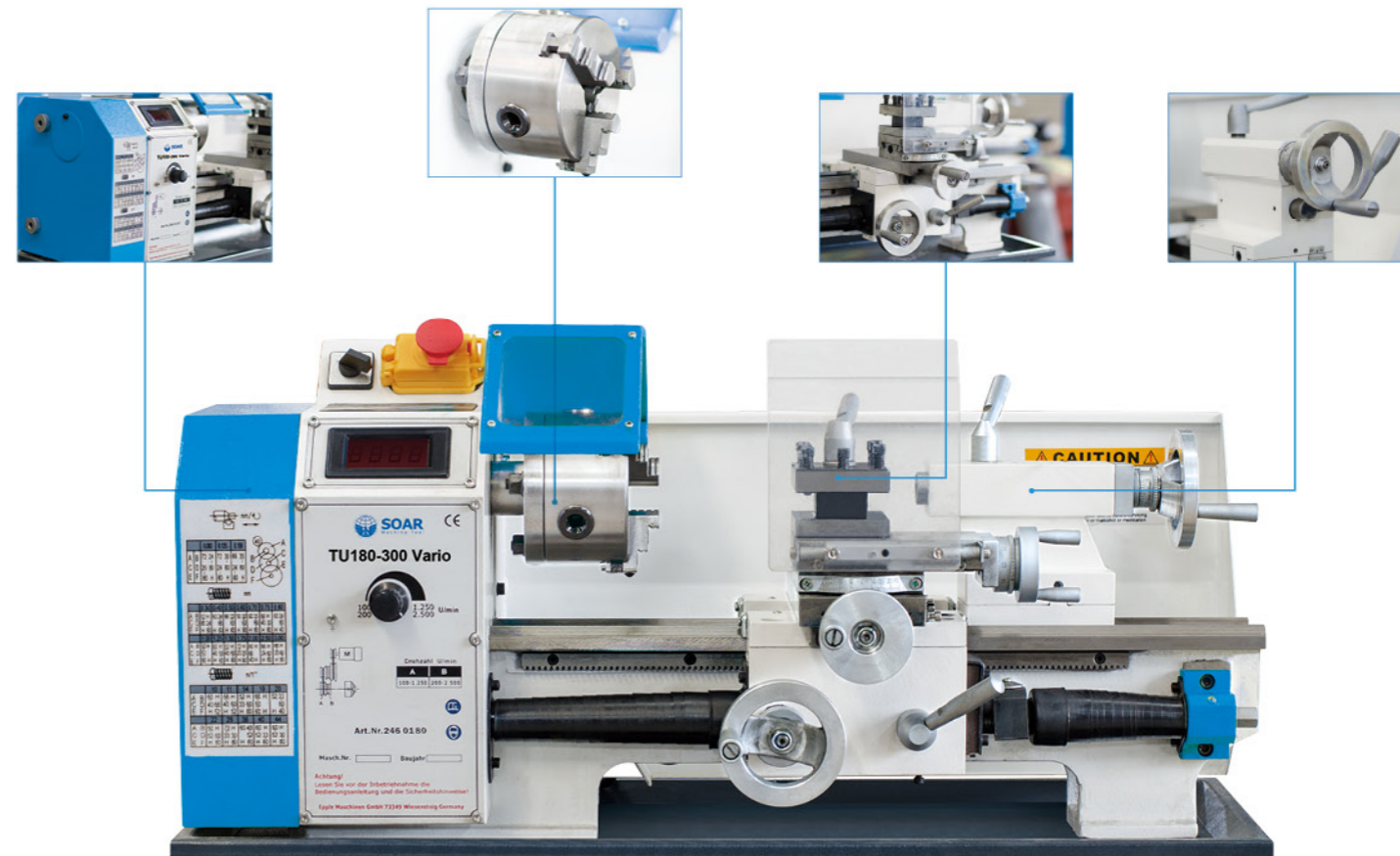
Standard Accessories	Optional Accessories
3-jaw chuck Ø80/Chang gears Centers MT2 Oil gun/Set of wrench	4-jaw chuck/Follow rest Steady rest Face plate 125mm/Stand



Technical Parameters

Model No.	Unit	TU0618	TU0618A
distance between centers	mm	200/300/350(7.87"/11.81"/13.78")	200/300/350(7.87"/11.81"/13.78")
swing over bed	mm	180(7.09")	180(7.09")
spindle taper		MT3	MT3
chuck diameter	mm	80(3.15")	80(3.15")
spindle bore	mm	20(0.79")	20(0.79")
tool slide travel	mm	35(1.38")	35(1.38")
taper of tallstock quill		MT2	MT2
range of metric threads	mm	0.5~2.5(0.02"~0.10")	0.5~2.5(0.02"~0.10")
range of inch threads	TPL	12~52	12~52
cross slide travel	mm	65(2.56")	65(2.56")
spindle accuracy	mm	0.01	0.01
spindle speed	rpm	50~2500	100~250
vol./freq		230V/50Hz or 120V/60Hz	230V/50Hz or 120V/60Hz
motor	W	400	550
N.W.	kg	35/38/40	35/38/40
G.W.	kg	38/42/45	38/42/45
packing size	mm	660/760/810×305×370	660/760/810×305×370

TU1803 VARIO / TU2104 VARIO



Technical Parameters

Model No.	Unit	TU1803 Vario	TU2104 Vario
swing over bed	mm	Ø180(7.09")	Ø210(8.27")
swing over cross slide	mm	Ø120(4.72")	Ø210(8.27")
admits between	mm	300(11.81")	400(15.75")
center height	mm	90(3.54")	105(4.13")
width of bed	mm	100(3.94")	100(3.94")
spindle bore	mm	Ø21(0.83")	Ø21(0.83")
spindle taper		MT3	MT3
3-jaw chuck	mm	Ø100(3.94")	Ø100(3.94")
range of spindle speed	rpm	150-2500	150-2500
compound rest travel	mm	75(2.95")	75(2.95")
cross slide travel	mm	85(3.35")	85(3.35")
max. section of tool	mm	12×12(0.47"×0.47")	12×12(0.47"×0.47")
threads metric pitches	mm	0.5-3(0.02"×0.12")	0.5-3(0.02"×0.12")
threads imperial pitches		10-44TPI	10-44TPI
quill diameter	mm	Ø25(0.98")	Ø25(0.98")
quill travel	mm	60(2.36")	60(2.36")
quill taper		MT2	MT2
main motor power	W	600	600
overall dimension(L×W×H)	mm	740×390×310	840×390×370
packing size(L×W×H)	mm	760×500×480	900×480×450
N.W./G.W.	kg	44/66	48/70

Standard Accessories

- 3-jaw chuck
- Dead center MT1
- Change gears kit
- Hexagon wrench
- Spanner
- Splash guard
- Chip tray

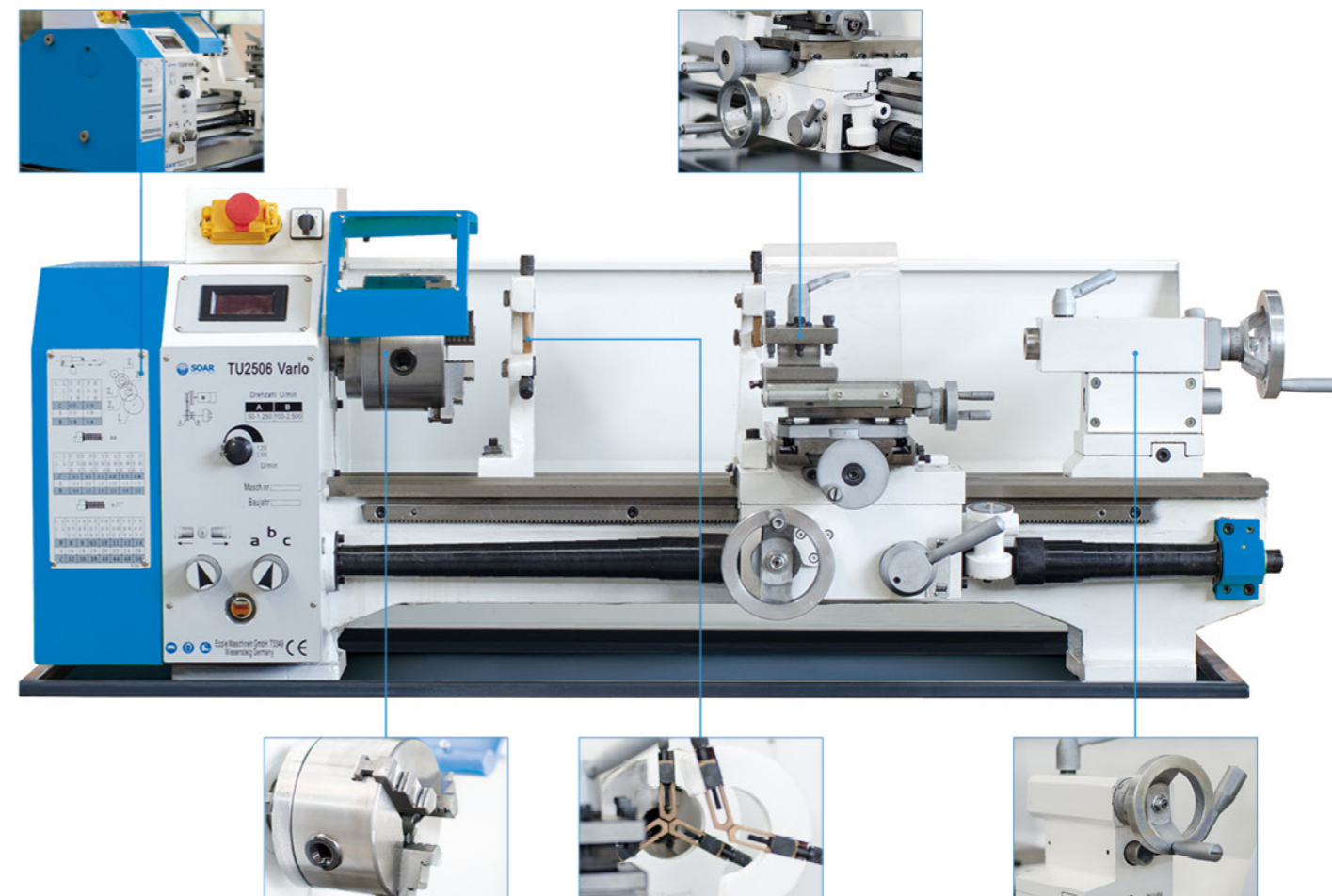
Optional Accessories

- Steady rest
- Follow rest
- Turning tools 8×8mm
- Live center mt1
- er16 collet
- er16 collet chuck
- Face plate 100mm
- 4-jaw chuck
- Back plate
- Oil gun

TU2406 / TU2406 VARIO



TU2506 / TU2506 VARIO



Technical Parameters

Model No.	Unit	TU2406	TU2406 Vario
swing over bed	mm	Ø250(9.92")	Ø250(9.92")
swing over cross slide	mm	Ø150(5.91")	Ø150(5.91")
admits between	mm	550(21.65")	550(21.65")
center height	mm	125(4.92")	125(4.92")
width of bed	mm	134(5.28")	134(5.28")
spindle bore	mm	Ø26(1.02")	Ø26(1.02")
spindle taper		MT4	MT4
3-jaw chuck	mm	Ø125(4.92")	Ø125(4.92")
range of spindle speed	rpm	125-2000	30-4000
compound rest travel	mm	75(2.95")	75(2.95")
cross slide travel	mm	85(3.35")	85(3.35")
max. section of tool	mm	14×14(0.55"×0.55")	14×14(0.55"×0.55")
threads metric pitches	mm	0.2-3.5(0.01"-0.14")	0.2-3.5(0.01"-0.14")
threads imperial pitches		8-56TPI	8-56TPI
quill diameter	mm	Ø30(1.18")	Ø30(1.18")
quill travel	mm	70(2.76")	70(2.76")
quill taper		MT2	MT2
main motor power	W	550	850
overall dimension(L×W×H)	mm	1110×500×500	1110×500×500
packing size(L×W×H)	mm	1200×560×570	1200×560×570
N.W./G.W.	kg	140/159	140/159

Standard Accessories

- 3-jaw chuck
- Dead center MT1
- Change gears kit
- Hexagon wrench
- Spanner
- Splash guard
- Chip tray

Optional Accessories

- Steady rest
- Follow rest
- Turning tools 8×8mm
- Live center mt1
- er16 collet
- er16 collet chuck
- Face plate 100mm
- 4-jaw chuck
- Back plate
- Oil gun

Technical Parameters

Model No.	Unit	TU2506	TU2506 Vario
swing over bed	mm	Ø250(9.84")	Ø250(9.84")
swing over cross slide	mm	Ø150(5.91")	Ø150(5.91")
admits between	mm	550(21.65")	550(21.65")
center height	mm	125(4.92")	125(4.92")
width of bed	mm	134(5.28")	134(5.28")
spindle bore	mm	Ø26(1.02")	Ø26(1.02")
spindle taper		MT4	MT4
3-jaw chuck	mm	Ø125(4.92")	Ø125(4.92")
range of spindle speed	rpm	125-2000	30-4000
compound rest travel	mm	75(2.95")	75(2.95")
cross slide travel	mm	85(3.35")	85(3.35")
max. section of tool	mm	14×14(0.55"×0.55")	14×14(0.55"×0.55")
threads metric pitches	mm	0.2-3.5(0.01"-0.14")	0.2-3.5(0.01"-0.14")
threads imperial pitches		8-56TPI	8-56TPI
quill diameter	mm	Ø30(1.18")	Ø30(1.18")
quill travel	mm	70(2.76")	70(2.76")
quill taper		MT2	MT2
main motor power	W	550	850
overall dimension(L×W×H)	mm	1110×500×500	1110×500×500
packing size(L×W×H)	mm	1200×560×570	1200×560×570
N.W./G.W.	kg	140/159	140/159

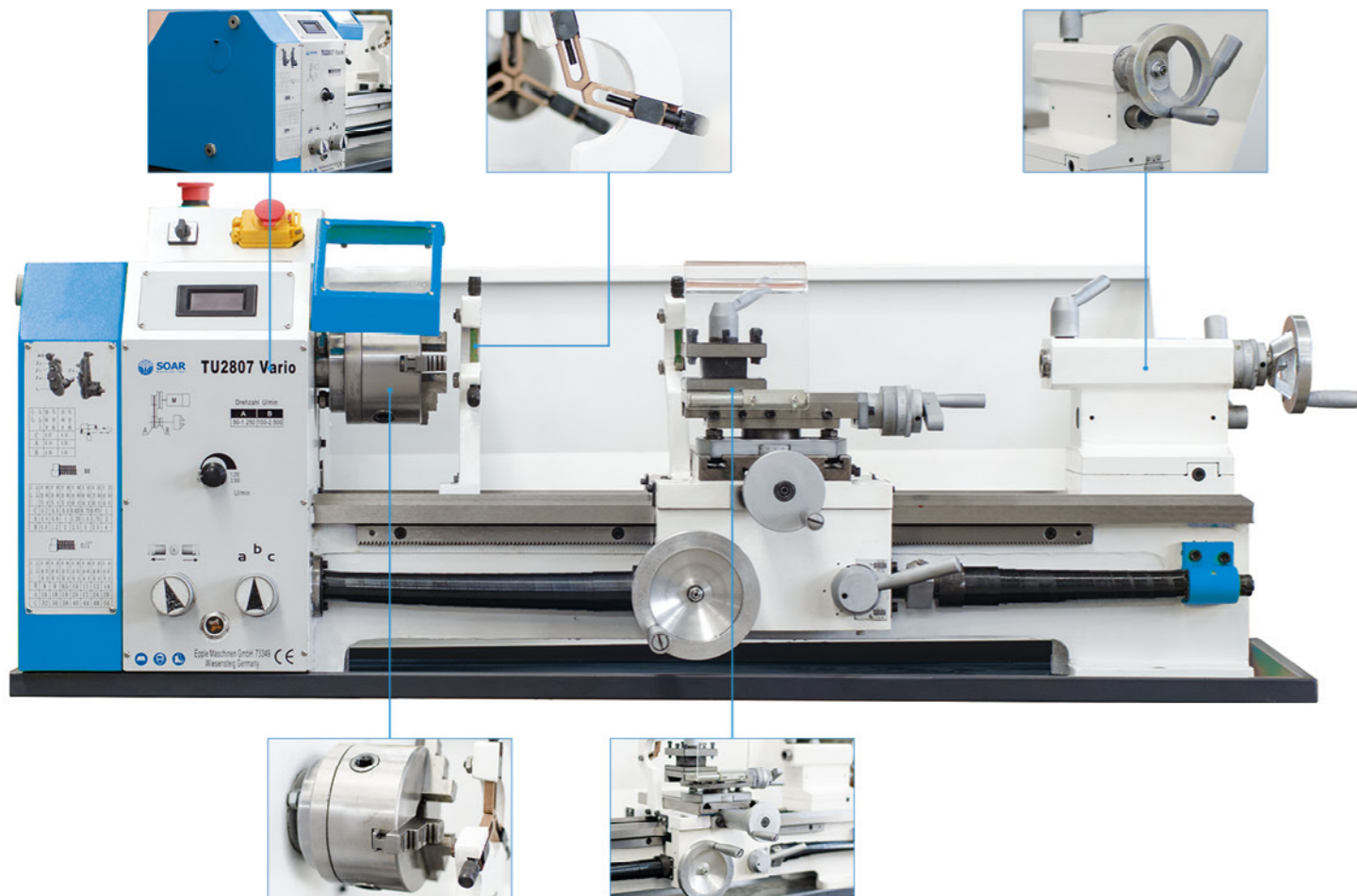
Standard Accessories

- 3-jaw chuck
- Dead center MT1
- Change gears kit
- Hexagon wrench
- Spanner
- Splash guard
- Chip tray

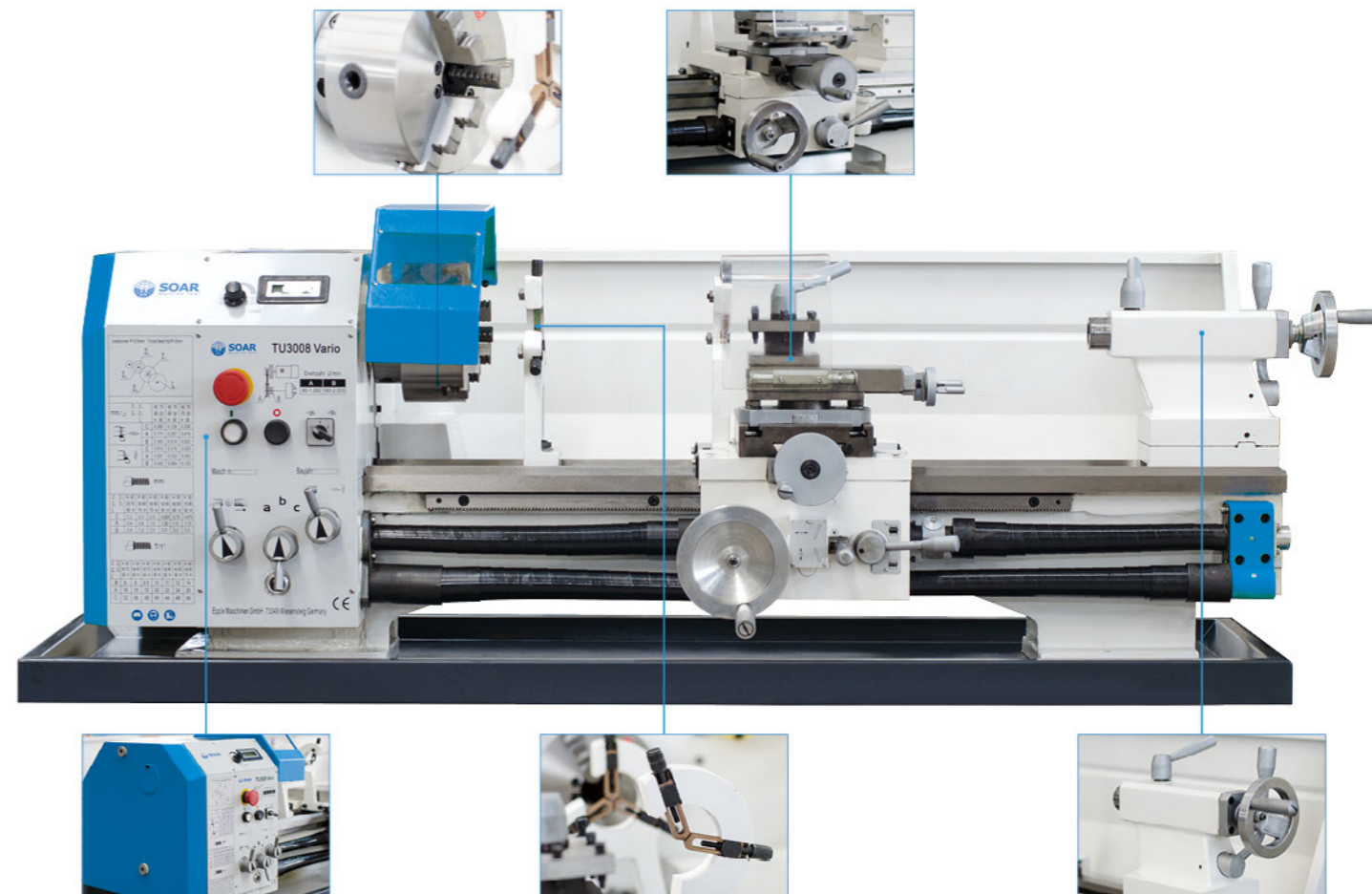
Optional Accessories

- Steady rest
- Follow rest
- Turning tools 8×8mm
- Live center mt1
- er16 collet
- er16 collet chuck
- Face plate 100mm
- 4-jaw chuck
- Back plate
- Oil gun

TU2807 / TU2807 VARIO



TU3008 / TU3008 / TU3109 VARIO



Technical Parameters

Model No.	Unit	TU2807	TU2807 Vario
swing over bed	mm	Ø280(11.02")	Ø290(11.41")
swing over cross slide	mm	Ø170(6.69")	Ø175(6.89")
admits between	mm	700(27.56")	700(27.56")
center height	mm	140(5.51")	145(5.71")
width of bed	mm	180(7.09")	180(7.09")
spindle bore	mm	Ø26(1.02")	Ø26(1.02")
spindle taper		MT4	MT4
3-jaw chuck	mm	Ø125(4.92")	Ø125(4.92")
range of spindle speed	rpm	150-2000	150-2000
compound rest travel	mm	60(2.36")	60(2.36")
cross slide travel	mm	140(5.51")	145(5.71")
max. section of tool	mm	18×18(0.71"×0.71")	18×18(0.71"×0.71")
threads metric pitches	mm	0.2-3.5(0.01"-0.14")	0.2-3.5(0.01"-0.14")
threads imperial pitches		8-56TPI	8-56TPI
quill diameter	mm	Ø30(1.18")	Ø30(1.18")
quill travel	mm	105(4.13")	105(4.13")
quill taper		MT2	MT2
main motor power	W	850W	1100W
overall dimension(L×W×H)	mm	1220×660×560	1220×660×560
packing size(L×W×H)	mm	1316×556×630	1316×556×630
N.W./G.W.	kg	202/230	210/242

Standard Accessories

- 3-jaw chuck
- Dead center MT1
- Change gears kit
- Hexagon wrench
- Spanner
- Splash guard
- Chip tray

Optional Accessories

- Steady rest
- Follow rest
- Turning tools 8×8mm
- Live center mt1
- er16 collet
- er16 collet chuck
- Face plate 100mm
- 4-jaw chuck
- Back plate
- Oil gun

Technical Parameters

Model No.	Unit	TU2907	TU2907 Vario	TU3008	TU3008 Vario	TU3109
swing over bed	mm	Ø290(11.42")	Ø290(11.42")	Ø300(11.81")	Ø300(11.81")	Ø316(12.44")
swing over cross slide	mm	Ø165(6.50")	Ø165(6.50")	Ø180(7.09")	Ø180(7.09")	Ø200(7.87")
admits between	mm	700(27.56")	700(27.56")	800(31.50")	800(31.50")	L1: 820(32.28") L2: 840(33.07")
center height	mm	145(5.71")	145(5.71")	150(5.91")	150(5.91")	162(6.38")
width of bed	mm	180(7.09")	180(7.09")	182(7.17")	182(7.17")	182(7.17")
spindle bore	mm	Ø26(1.02")	Ø26(1.02")	Ø38(1.50")	Ø38(1.50")	Ø38(1.50")
spindle taper		MT4	MT4	MT5	MT5	MT5
3-jaw chuck	mm	Ø125(4.92")	Ø125(4.92")	Ø160(6.30")	Ø160(6.30")	Ø160(6.30")
range of spindle speed	rpm	150-2000	150-2250	150-2000	30-3000	30-3000
compound rest travel	mm	60(2.32")	60(2.32")	65(2.56")	65(2.56")	65(2.56")
cross slide travel	mm	160(6.30")	160(6.30")	180(7.09")	180(7.09")	155(6.10")
max. section of tool	mm	18×18 (0.71"×0.71")	18×18 (0.71"×0.71")	18×18 (0.71"×0.71")	18×18 (0.71"×0.71")	16×16 (0.63"×0.63")
threads metric pitches	mm	0.2-3.5 (0.01"-0.14")	0.2-3.5 (0.01"-0.14")	0.2-3.5 (0.01"-0.14")	0.2-3.5 (0.01"-0.14")	0.2-3.5 (0.01"-0.14")
threads imperial pitches		8-56TPI	8-56TPI	8-56TPI	8-56TPI	8-56TPI
quill diameter	mm	Ø38(1.50")	Ø38(1.50")	Ø38(1.50")	Ø38(1.50")	Ø38(1.50")
quill travel	mm	70(2.76")	70(2.76")	70(2.76")	70(2.76")	70(2.76")
quill taper		MT3	MT3	MT3	MT3	MT3
main motor power	kW	1.1	1.5	1.5	2.2	1.5
overall dimension(L×W×H)	mm	1320×605×405	1320×605×405	1420×705×575	1420×705×575	1530×690×550
packing size(L×W×H)	mm	1370×660×440	1370×660×440	1500×720×690	1500×720×690	800×410×600
N.W./G.W.	kg	260/290	260/290	260/290	260/290	295/325

Standard Accessories

- 3-jaw chuck
- Dead center MT1
- Change gears kit
- Hexagon wrench
- Spanner
- Splash guard
- Chip tray

Optional Accessories

- Steady rest
- Follow rest
- Turning tools 8×8mm
- Live center mt1
- er16 collet
- er16 collet chuck
- Face plate 100mm
- 4-jaw chuck
- Back plate
- Oil gun

TU3209 / TU3209 VARIO

- Precision ground and supersonic frequency hardened bed ways
- The spindle is supported with precision roller bearing
- Strong power motor suited for heavy duty cutting

Technical Parameters

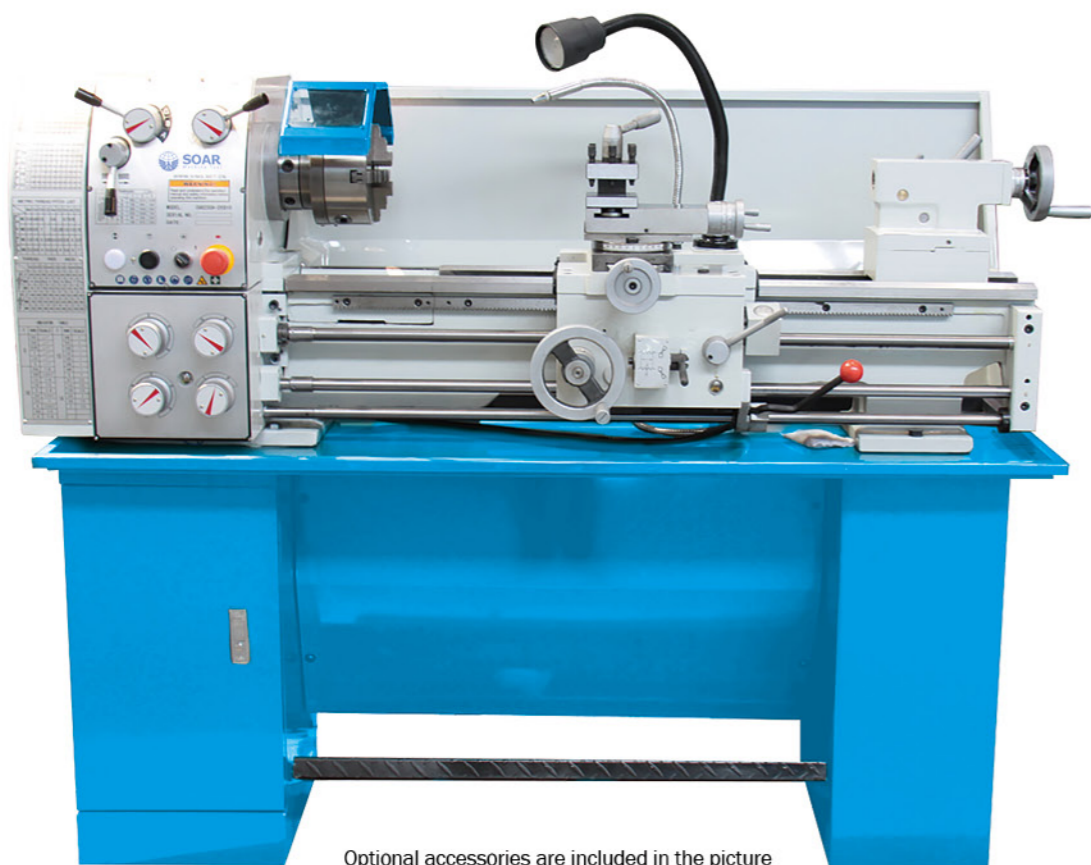
Model No.	Unit	TU3209 / TU3209 Vario
max. swing over bed	mm	Ø320(12.60")
max. swing over cross slide	mm	Ø180(7.09")
max. swing over gap	mm	Ø450(17.72")
distance between centers	mm	750/910(29.53"/35.83")
width of bed	mm	181(7.13")
spindle bore	mm	38(1.50")
taper of spindle bore		MT5
ranger of spindle speeds	rpm	65~1810(1400)
taper of tailstock		MT3
metric threads can be cut	mm	0.4-7(0.02"-0.28")
inch threads can be cut	TPI	4-60
range of longitudinal feeds	mm/rev	0.0527~1.2912
range of cross feeds	mm/rev	0.011~0.276
max. travel of crass slide	mm	130(5.12")
max. travel of top slide	mm	75(2.95")
max. travel of tailstock quill	mm	100(3.94")
motor power	kW	1.1 3PH/1.5 1PH

Standard Accessories

- 3-jaw chuck
- Hange gears set
- MT3 dead centers
- Tool box & tools
- Oil gun
- MT5/3 reduction sleeve
- Foot stands
- Splash guard
- Oil tray

Optional Accessories

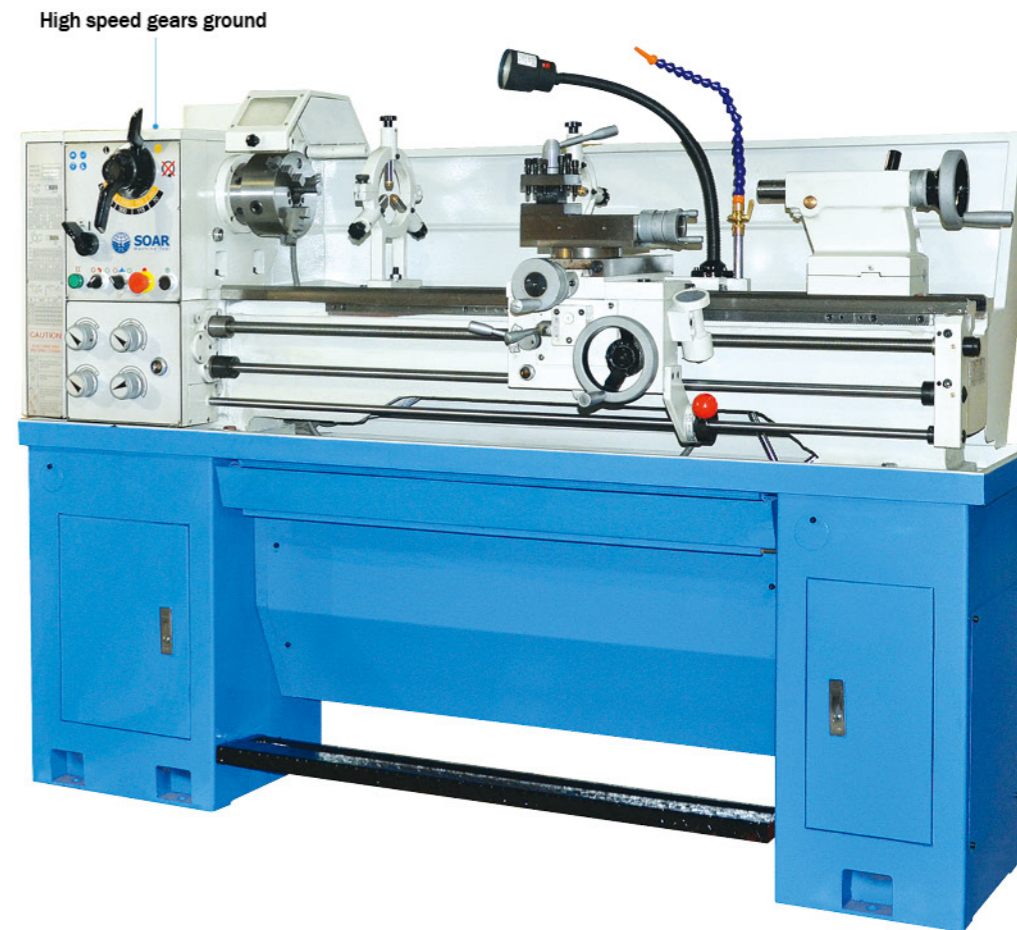
- 4-jaw chuck
- Face plate
- Steady rest
- Follow rest
- Work light
- Foot brake system
- Live center
- Drill chuck+drill arbor
- Leadscrew guard
- Chuck guard
- Localizer
- Clutch for feed rod
- Quick change tool post
- Digital readout(2 axis)



Optional accessories are included in the picture



TU3310A / TU3610A / TU3610B BENCH LATHE



Technical Parameters

Model No.	Unit	TU3310A / TU3610A	TU3610B
distance between centers	mm	1000(39.37")	
swing over bed	mm	330(13.00")/360(14.17")	
swing over gap	mm	476/491(18.74"/19.33")	
swing over cross slide	mm	198/212(7.80"/8.35")	
bed width	mm	187(7.36)	
taper of spindle bore		MT5	
spindle nose		D1-4	D1-5
spindle bore	mm	38(1.50")	52(2.05")
step of spindle speeds	steps	8/16(optional)	
range of spindle speeds	rpm	70-2000(35-2000 optional)	
range of cross feeds	mm/r	0.018-0.238	
range of longitudinal feeds	mm/r	0.078-1.044	
range of inch threads		34 NOS. 4-56 T.P.I.(36 NOS. 8-112 T.P.I available)	
range of metric threads	mm	26 NOS. 0.4-7(28NOS. 0.5-5 available)	
top slide travel	mm	76(3.00")	
cross slide travel	mm	175(6.89")	
tailstock quill travel	mm	100(3.94")	
taper of tailstock quill		MT3	
motor	kW	1.5	
packing size	mm	1700/1930×760×1450	
N.W./G.W.	kg	540/560	580/660

TU3310D / TU3610D PRECISION GEARHEAD LATHE

- No change gear in tool box
- The thread category complete, not only cutting metric thread and imperial thread, but also cutting diametral thread and module thread
- Minimum Cross feed 0.01mm/rev, Minimum Longitudinal feed 0.046mm/rev

Technical Parameters

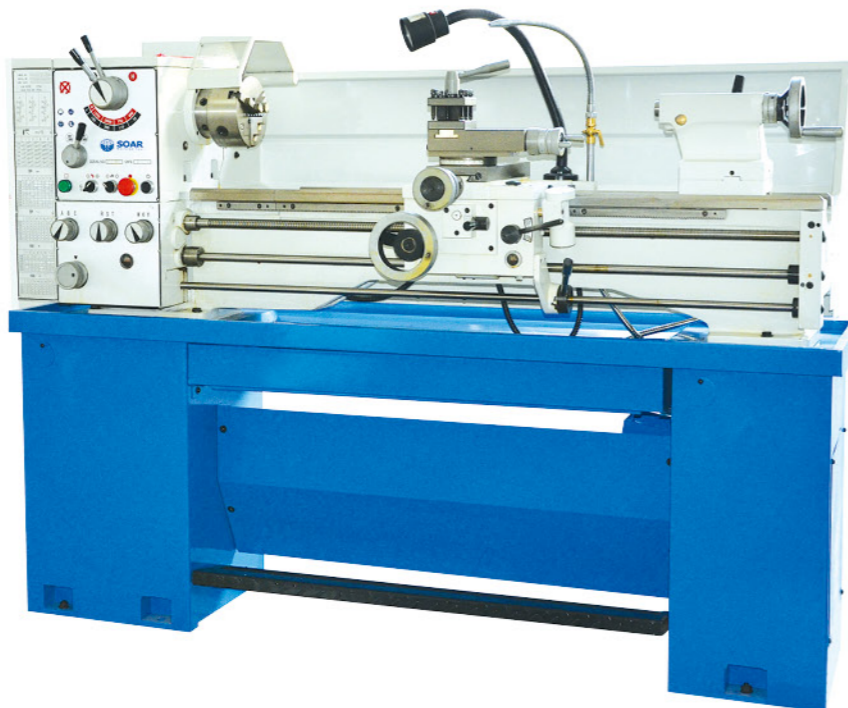
Model No.	Unit	TU3310D	TU3610D
swing over bed	mm	330(13.00")	360(14.17")
swing over cross slide	mm	198(7.8")	224(8.82")
swing in gap diameter	mm	476(18.74")	502(19.76")
length in gap	mm		210(8.28")
center height	mm	166(6.54")	179(7.05")
distance between centers	mm		750(29.53") or 1000(39.37")
spindle bore	mm		38(1.50") or 40(1.57")
spindle nose			D1-4 or D1-5
taper in nose			No5 morse
speeds number			8
speeds range	r/min		70-2000
cross slide travel	mm		170(6.69")
compound rest travel	mm		95(3.74")
lead screw thread			8T.P.I. or 3mm pitch
feed rod diameter	mm		19(0.75")
cutting tool max section	mm		16×16(0.63"×0.63")
threads imperial pitches			42 Nos. 4-112T.P.I
threads metric pitches			44 Nos. 0.1-7mm
threads diametral pitches			25 Nos. 16-112DP
threads module pitches			34 Nos. 0.1-1.75MP
longitudinal feeds imperial			24 Nos. 0.00168-0.1175"/rev
longitudinal feeds metric			24 Nos. 0.046-3.249 mm/rev
cross feeds imperial			32 Nos. 0.00046-0.03231"/rev
cross feeds metric			24 Nos. 0.01-0.703 mm/rev
quill diameter	mm		32(1.26") or 42(1.65")
quill travel	mm		100(3.94")
quill taper			MT3
main motor power	kW		1.5 (2HP)
coolant pump power	W		40 (1/16HP)
packing size	mm		1680×760×1530(750mm) or 1930×760×1530(1000mm)
N.W./G.W.	kg		510/630(750mm) or 540/645(1000mm)

Standard Accessories

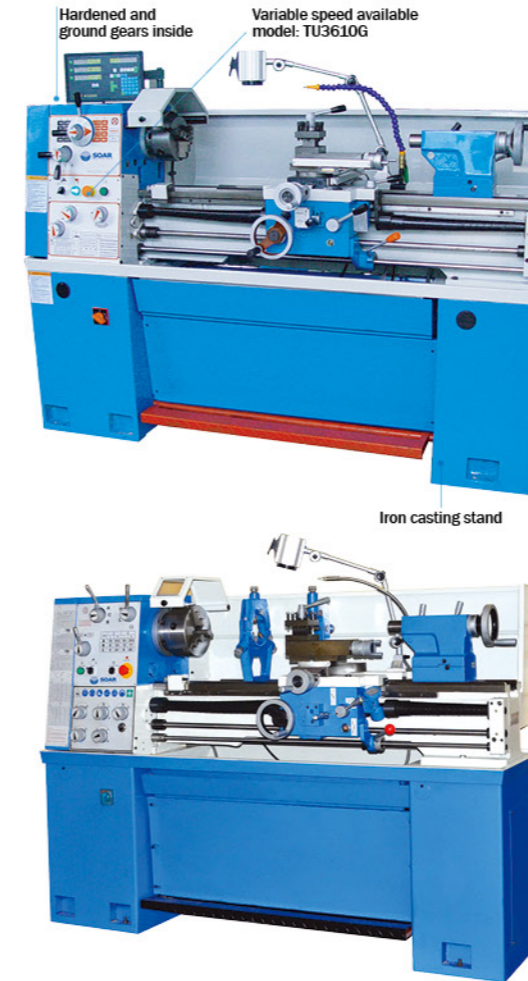
- 3 jaws & 4 jaws chuck
- Face plate
- Steady rest
- Follow rest
- Stand
- Toolbox & tools
- Micro carriage stop
- Halogen work lamp
- Coolant system
- Foot brake
- Thread dials

Optional Accessories

- Quick change tool post
- Turning tools
- Taper turning attachment
- Digital readout
- Leadscrew cover
- Collet attachment
- Chuck guard



TU3610G / TU4010G GEAR HEAD LATHE TU3610K GEAR HEAD LATHE



- Induction hardened, precision ground V-way bed
- D1-4 spindle is supported by high quality tapered roller bearing
- 12 steps of spindle speeds are available
- High precision directly mounting chuck
- Gap bed section provides for larger diameter work
- Gearbox has large feed and threading functions
- Carriage mounted spindle control lever
- Adjustable gibs for slideways
- Automatic feed and threading are fully interlocked
- Tailstock may be offset for turning tapers
- Super width bedway
- Equipped with emergency stop button



Technical Parameters

Model No.	Unit	TU3610G	TU4010G	TU3610K/TU4010K
distance between centers	mm	1000(39.37")	1000(39.37")	1000/1500(39.37"/59.06")
swing over bed	mm	356(14.02")	400(15.56")	356(14.02")
swing over gap	mm	540(21.26")	550(21.65")	508(20.00")
swing over cross slide	mm	215(8.46")	264(10.39")	210(8.28")
taper of spindle bore		MT5	MT6	MT5
spindle nose		D1-4	D1-5	D1-4
spindle bore	mm	38(1.50")	52(2.05")	40(1.57")
step of spindle speeds	steps	16	12	12
range of spindle speeds	rpm	45-1800	44-2000	40-1800
range of cross feeds	mm/r	0.015-0.220	0.014-0.742(64)	0.024-0.359
range of longitudinal feeds	mm/r	0.043-0.653	0.057-2.784(64)	0.043-0.653
range of inch threads		2-72T.P.I	2-29T.P.I(29)	4-56T.P.I
range of metric threads	mm	0.2-14(0.01"-0.55")	0.8-14(26)(0.03"-0.55"(1.02))	0.4-7(0.02"-0.28")
top slide travel	mm	92(3.62")	100(3.94")	92(3.62")
cross slide travel	mm	185(7.28")	180(7.08")	185(7.28")
carriage travel	mm	945(37.20")	950(37.40")	945(37.20")
travel of tailstock quill	mm	120(4.72")	120(4.72")	120(4.72")
taper of tailstock quill		MT3	MT4	MT3
motor	kW	1.5-2.2	2.0/2.4	2.4
packing size	mm	1920×760×1450	1920×760×1200	1990/2490×760×1450
N.W.	kg	800	900	996/1100

Standard Accessories

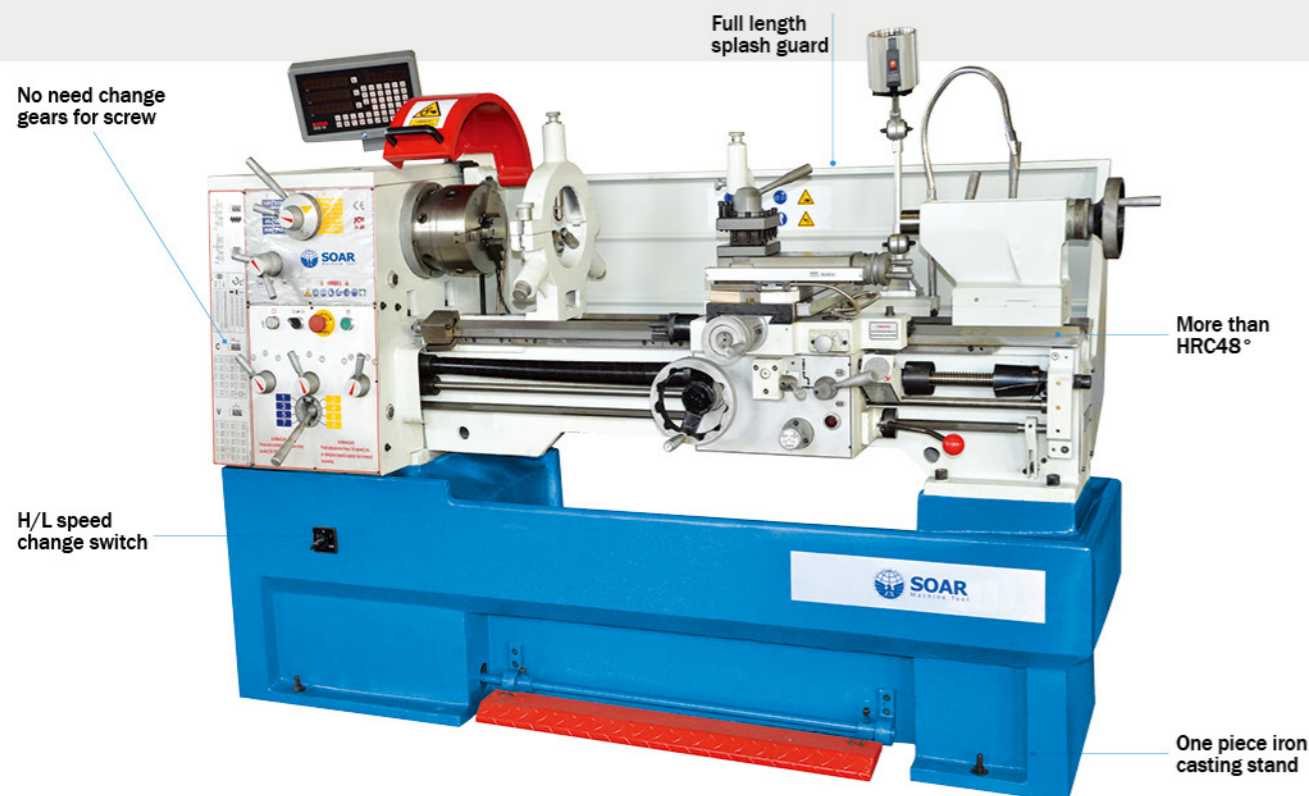
- 3 jaws & 4 jaws chuck
- Face plate
- Steady/follow rest
- Iron casting stand(TU3610G)
- Halogen work lamp
- Coolant system
- Foot brake
- Toolbox & tools
- Micro carriage stop
- One piece casting stand(TU3610K)

Optional Accessories

- Quick change tool post
- Turning tools
- Taper turning attachment
- Digital readout
- Collet attachment
- Leadscrew cover
- Chuck cover(TU3610G/TU4010G)

TU4110 / TU4115 PRECISION GEAR HEAD LATHE

- Hardened and ground gears in the headstock
- Super voice frequency heated bedway
- With 2 precision D degree taper roller bearings on the spindle
- Integrated deluxe cast iron stand
- Three points support for spindle



Technical Parameters

Model No.	Unit	TU4110/TU4115
distance between centers	mm	1000/1500(39.37"/59.06")
swing over bed	mm	420(16.54")
swing over cross slide	mm	255(10.04")
taper of spindle bore		MT6
spindle nose	mm	Ø52(2.05")
step of spindle speeds	steps	16
range of spindle speeds	rpm	45-1800
range of longitudinal feeds	mm/r	0.05-1.7
range of inch threads		2-72T.P.I
range of metric threads	mm	0.2-14(0.01"-0.55")
tailstock quill travel	mm	120(4.72")
taper of tailstock quill		MT4
dia of tailstock sleeve	mm	50(1.97")
main motor	kW	3.3/2.8 or 4.5/
packing size	mm	2060/2560×910×1640
N.W./G.W.	kg	1550/1800, 1700/1950

Standard Accessories

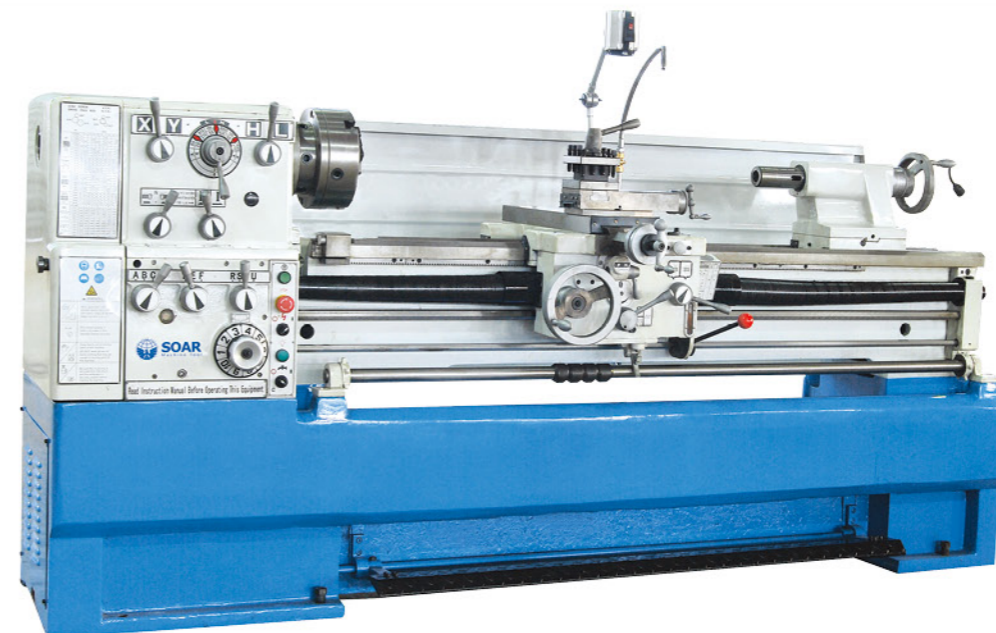
- 3 jaw chuck and adapter
- 4 jaw chuck and adapter
- Face plate/steady rest
- Follow rest/oil gun
- Thread chasing dial
- Operation manual
- One set of wrenches
- 2 dead centers
- Sleeve
- Foot brake/Coolant pump
- Halogen lamp/Splash guard
- One piece iron casting stand
- Micro carriage stop

Optional Accessories

- Quick change tool post
- Driving plate
- Taper turning attachment
- Digital readout
- Nr 12 standard for Brazil

TR41 / TR46 / TR51 / TR56 PRECISION LATHE

- Precision ground and supersonic frequency hardened bedway is designed in double wall structure, giving super rigidity
- The spindle system is high in rigidity and accuracy
- The design of the main drive is optimized and the gears in the headstock are precision ground. The noise of the machine is low
- The machine can turn about 200 kinds of metric, whitworth, module and D.P. Threads
- An automatic stop device is used to realize automatic stop for the machine of a certain length workpiece, which is safe and reliable
- A pedal braking device provides quick and effective stop while operating



Standard Accessories

- 3 jaw chuck and adapter
- 4 jaw chuck and adapter
- Face plate/steady rest
- Follow rest/oil gun
- Thread chasing dial
- Operation manual
- One set of wrenches
- 2 dead centers/sleeve
- Foot brake/coolant pump
- Halogen lamp
- Splash guard
- One piece iron casting stand
- Micro carriage stop

Optional Accessories

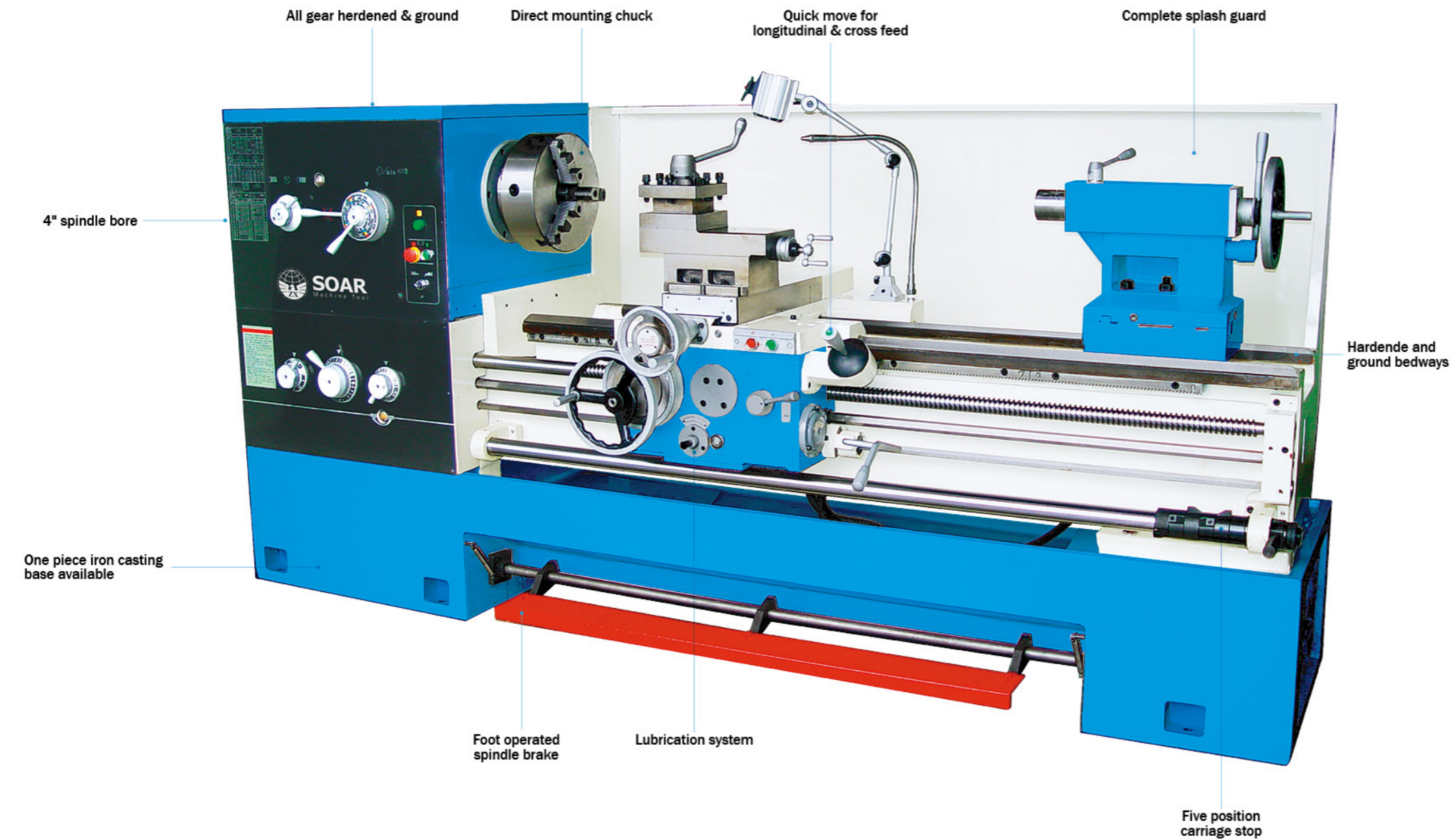
- Quick change tool post
- Driving plate
- Taper turning attachment
- Digital readout
- Nr 12 standard for Brazil

Technical Parameters

Model No.	Unit	TR41×40"/60"/80"	TR46×40"/60"/80"	TR51×60"/80"/120"	TR56×60"/80"/120"
swing over bed	mm	410(16.14")	460(18.11")	510(20.08")	560(22.05")
swing in gap	mm	640(25.20")	690(27.17")	300(11.81")	350(13.78")
length of gap	mm	165(6.50")		200(7.87")	
distance between centers	mm	1000/1500/2000(39.37"/59.06"/78.74")		1500/2000/3000(59.06"/78.74"/118.11")	
width of bed	mm	300(11.81")		350(13.78")	
spindle nose		D1-6		D1-8	
spindle bore	mm	58(2.28")/80(3.15")		80(3.15")/103(4.05")	
taper of spindle bore		No.6 Morse		No.7 Morse	
range of spindle speed	r/min	12 changes, 25-2000		12 changes 25-1600	
max.travel of top slide	mm	128(5.04")		130(5.12")	
max.travel of cross slide	mm	285(11.22")		326(12.83")	
max.section of tool	mm	25×25(0.98"×0.98")			
pitch thread of leadscrew	mm	6 or 4T.P.I.			
longitudinal feeds range	mm/r	42 kinds, 0.031-1.7(0.0011"-0.0633")		35 kinds, 0.059-1.646(0.0022"-0.0612")	
cross feeds range	mm/r	42 kinds, 0.014-0.784(0.00033"-0.01837")		35 kinds, 0.020-0.573(0.00048"-0.01354")	
metric threads range	mm	41 kinds, 0.1-14(0.0039"-0.55")		47 kinds, 0.2-14(0.01"-0.55")	
Inch threads range		60 kinds, 2-112T.P.I.			
diametrical pitches range		50 kinds, 4-112DP			
module pitches range		34 kinds, 0.1-7MP			
dia. of tailstock sleeve	mm	60(2.36")		75(2.95")	
travel of tailstock sleeve	mm	128(5.04")		180(7.09")	
taper of tailstock sleeve		No.4 Morse		No.5Morse	
power of main motor	kW	5.5(7.5HP) 3PH		7.5(10HP) 3PH	
power of coolant pump	kW	0.1(1/8HP) 3PH			
overall dimension(L×W×H)	cm	220/280/330×108×134	220/280/330×108×134	290/340/440×112×143	290/340/440×112×143
packing size(L×W×H)	cm	225/282/340×113×156	225/282/340×113×156	292/340/440×113×182	292/340/440×113×182
N.W.	kg	1670/1920/2070	1720/1970/2120	2335/2685/3185	2370/2720/3220
G.W.	kg	1980/2265/2450	2045/2330/2515	2700/3070/3570	2740/3110/3610

TR66 PRECISION LATHE

- The surface of the bedways is supersonic frequency hardened
- The spindle bore size is 105mm.the spindle system is high rigid and accuracy
- There is no need for change gears,the machine can turn about 89 kinds of metric,Inch,Module,and D.P.threads.
- An automatic stopping device is used to realize automatic stop for the machining of a workpiece of certain length.
- One-piece iron casting base allows heavier cuts.



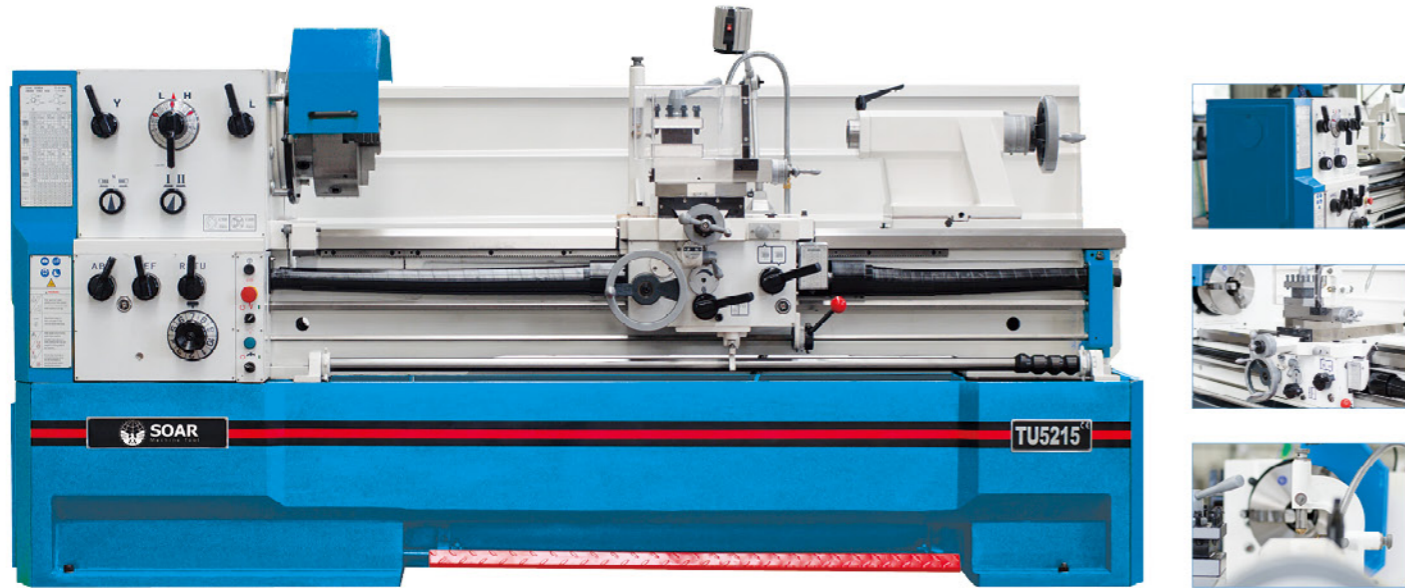
Technical Parameters

Model No.	Unit	TR66
distance between centers	mm	1000/1500/2000/3000 (39.37"/59.06"/78.74"/118.11")
swing over bed	mm	660(25.98")
swing over carriage	mm	420(16.54")
swing over gap	mm	870(34.25")
spindle bore	mm	Ø105(4.13")
taper of spindle bore	mm	Ø113(4.45") 1:20
spindle nose		D1-8
step of spindle speeds	steps	12
range of spindle speeds	rpm	36-1600
range of cross feeds	mm/r	0.027-1.07
range of longitudinal feeds	mm/r	0.063-2.52
range of inch threads/No.		28-2T.P./26
range of metric threads/No.	mm	1-14/22
range of D.P. threads/No.		4-56D.P./24
range of mould threads/No.		0.5-7/18
rapid feed of cross traverse	m/min	1.9
rapid feed of longitudinal traverse	m/min	4.5
top slide travel	mm	145(5.71")
cross slide travel	mm	360(14.17")
max. size of tool(W×H)	mm	25×25(0.98"×0.98")
tailstock quill travel	mm	150(5.91")
tailstock quill diameter	mm	75(2.95")
taper of tailstock quill		MT5
motor	kW	7.5/11 available
packing size	mm	2500/3000/3500/4500×1100×1650
N.W.	kg	3200/3500/4000/4500

Standard Accessories	Optional Accessories
3 jaw chuck and adapter 4 jaw chuck and adapter Face plate Steady rest Follow rest Oil gun Thread chasing dial Operation manual One set of wrenches 2 dead centers Sleeve Foot brake Coolant pump Halogen lamp Splash guard Micro carriage stop	Quick change tool post Driving plate Taper turning attachment Digital readout Nr 12 standard for Brazil One piece iron casting stand

TU4210 / TU4610 / TU5210 / TU5610

- Precision ground and supersonic frequency hardened bedway is designed in double wall structure, giving super rigidity
- The spindle system is high in rigidity and accuracy
- The design of the main drive is optimized and the gears in the headstock are precision ground. The noise of the machine is low
- The machine can turn about 200 kinds of metric, whitworth, module and D.P. Threads
- An automatic stop device is used to realize automatic stop for the machine of a certain length workpiece, which is safe and reliable
- A pedal braking device provides quick and effective stop while operating



Technical Parameters

Model No.	Unit	TU4210/15/20	TU4610/15/20	TU5210/15/20/30	TU5610/15/20/30
swing over bed	mm	410(16.14")	460(18.11")	510(20.08")	560(22.05")
swing in gap	mm	640(25.20")	690(27.17")	300(11.81")	350(13.78")
length of gap	mm	165(6.50")		200(7.87")	
distance between centers	mm	1000/1500/2000(39.37"/59.06"/78.74")		1500/2000/3000(59.06"/78.74"/118.11")	
width of bed	mm	300(11.81")		350(13.78")	
spindle nose		D1-6		D1-8	
spindle bore	mm	58(2.28")		80(3.15")	
taper of spindle bore		No.6 Morse		No.7Morse	
range of spindle speed	r/min	12 changes, 25-2000		12changes25-1600	
max.travel of top slide	mm	128(5.04")		130(5.12")	
max.travel of cross slide	mm	285(11.22")		326(12.83")	
max.section of tool	mm	25×25(0.98"×0.98")			
pitch thread of leadscrew	mm	6 or 4T.P.I.			
longitudinal feeds range	mm/r	42 kinds, 0.031-1.7(0.0011"-0.0633")		35 kinds, 0.059-1.646(0.0022"-0.0612")	
cross feeds range	mm/r	42 kinds, 0.014-0.784(0.00033"-0.01357")		35 kinds, 0.020-0.573(0.00048"-0.01354")	
metric threads range	mm	41 kinds, 0.1-14(0.0039"-0.55")			
Inch threads range		60 kinds, 2-112T.P.I.			
diametrical pitches range		50 kinds, 4-112DP			
module pitches range		34 kinds, 0.1-7MP			
dia. of tailstock sleeve	mm	60(2.36")		75(2.95")	
travel of tailstock sleeve	mm	128(5.04")		180(7.09")	
taper of tailstock sleeve		No.4 Morse		No.5Morse	
power of main motor	kW	5.5(7.5HP) 3PH		7.5(10HP) 3PH	
power of coolant pump	kW	0.1(1/8HP) 3PH		0.1(1/8HP) 3PH	
overall dimension(L×W×H)	cm	220/280/330×108×134	220/280/330×108×134	290/340/440×112×143	290/340/440×112×143
packing size(L×W×H)	cm	225/282/340×113×156	225/282/340×113×156	292/340/440×113×182	292/340/440×113×182
N.W.	kg	1670/1920/2070	1720/1970/2120	2335/2685/3185	2370/2720/3220
G.W.	kg	1980/2265/2450	2045/2330/2515	2700/3070/3570	2740/3110/3610

BF12

- Variable speed
- DC motor
- Milling, drilling, boring, reaming
- Head swivel ±45° of perpendicular
- Spindle micro feed
- Positive spindle lock
- Adjustable gibs on table
- Accurate position, strong rigidity, strong cutting power



Technical Parameters

Model No.	Unit	BF12
drilling capacity	mm	16(0.63")
max. face mill capacity	mm	30(1.18")
spindle stroke	mm	180(7.07")
longitudinal travel	mm	250/300(9.84"/11.81")
cross travel	mm	100/130(3.94"/5.12")
spindle rotary angle	°	-45~+45
working table size	mm	410/460×112(16.14"/18.11"×4.41")
motor power	W	550
max. distance spindle to table	mm	220(8.66")
spindle taper		MT3
spindle speed	rpm	50~2500
N.W./G.W.	kg	62/80
packing size	mm	650×630×820

BF16

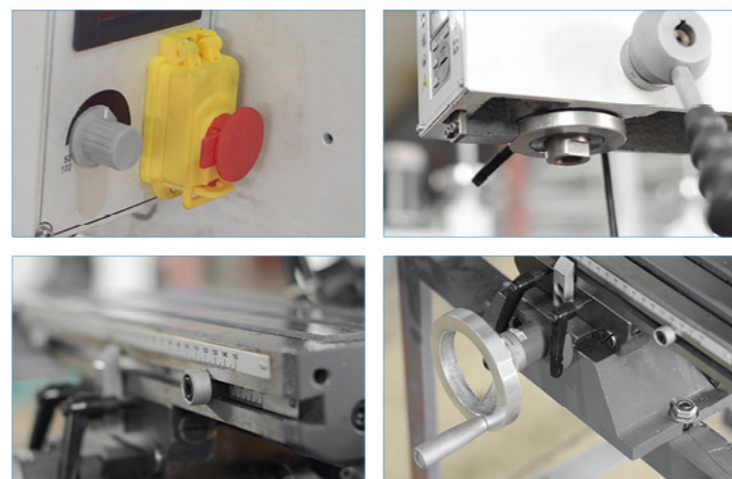
Convincing arguments: quality, efficiency and price:

- Wide range of applications
- Two-step gear multiplication
- With dynamic infinitely variable drive from 100 to 3,000rpm
- Drill-mill head is inclinable to any direction by 90° and thus allows milling and drilling operations at any angle position
- Upright laterally adjustable for further applications
- Simple and clear control panel
- User-friendly safety switch for IP 54 with low-voltage release
- Possibility of fixing for all travels
- Tool holding fixture MT2

- High concentricity precision due to taper roller bearings less than 0.015mm measured in the spindle sleeve
- Stable and precise dovetail control adjustable via V-ledges on all 3 axes
- Clean cut surface of milled work by individually clampable cheeks
- Solid, precisely machined cross table with T-slots and coolant gutter
- Height-adjustable screening grid
- All travels are readable from scales
- Produced according to toolmaker's precision with test certificate
- Price-efficient and stable value

Technical Parameters

Model No.	Unit	BF16
CAPACITY		
drilling capacity(max.)	mm	Ø16(0.63")
milling capacity cutter head(max.)	mm	Ø50(1.97")
milling capacity end mill cutter(max.)	mm	Ø16(0.63")
SPINDLE HOLDING FIXTURE		
spindle taper		MT2/M10
sleeve diameter	mm	Ø60(2.36")
sleeve travel	mm	50(1.97")
distance spindle-column	mm	188(7.40")
DRILL-MILL HEAD		
spindle inclined angle	°	±50
spindle speed	rpm	L: 100-1500 H: 200-3000
CROSS TABLE		
table(L×W)	mm	400×120(15.75"×4.72")
Y-axis travel	mm	160(6.30")
X-axis travel	mm	220(8.66")
Z-axis travel	mm	210(8.28")
T-slot size/distance/number	mm	10/35/3(0.39"/1.38"/0.12")
distance spindle-cross table(max.)	mm	280(11.02")
ELECTRIC SUPPLY		
motor	W	500
DIMENSIONS AND WEIGHT		
size(L×W×H)	mm	510×470×745
packing size(L×W×H)	mm	525×485×760
N.W./G.W.	kg	59/75



Standard Accessories

Draw bar
Morse taper MT2/
B16-M10

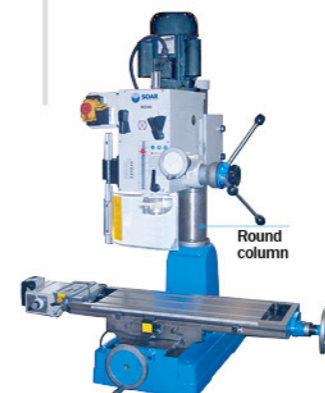
Optional Accessories

Morse collet chuck MT2/M10(5pcs/set)
End mill cutter kit HSS 12pcs/set
Keyless chuck 1-13mm/B16
Milling chuck kit Q24-16(8pcs/set)
Machine vice QG100
Face milling cutter Ø63/MT2
Stand & chip tray

MD30



MD40



MD45



Standard Accessories

Drill chuck
Drawbar
Arbor
Toolbox & tools

Optional Accessories

Keyless drill chuck
MBV100 milling vise
Double speed motor
Tapping assembly
Power feed
58pc clamping kits
Coolant system
Halogen work lamp
Digital readout
Collet chuck
Stand & tray

Technical Parameters

Model No.	Unit	MD30	MD40	MD45
max. drilling capacity	mm	iron: 35(1.38") steel: 28(1.10")	40(1.57")	45(1.77")
max. end milling capacity	mm	20(0.79")	32(1.26")	36(1.42")
max. face milling capacity	mm	76(2.99")	80(3.15")	80(3.15")
work table size	mm	730×210(28.74"×8.27")	800×240(31.50"×9.45")	800×240(31.50"×9.45")
T-slot size	mm	14(0.55")	12(0.47")	14(0.55")
cross travel	mm	210(8.28")	175(6.89")	230(9.06")
longitudinal travel	mm	500(1.97")	500(1.97")	560(22.04")
head stroke	mm	300(11.81")	300(11.81")	300(11.81")
taper of spindle bore		MT3 or R8	MT4	MT4 or R8 or ISO30
spindle stroke	mm	120(4.72")	120(4.72")	120(4.72")
max. distance spindle to table	mm	440(17.32")	470(18.50")	460(18.11")
distance between spindle to column	mm	198(7.80")	270(10.62")	-
step of spindle speeds		12	6	6
range of spindle speeds	rpm	75-1600	75-1600	75-1600
headstock tilted left & right	°	±45	±90	±90
spindle box swivel degree	°	360	360	-
motor	kW	1.5 1450rpm	1.1	1.1
packing size	mm	950×760×1150	820×770×1140	820×760×1150
N.W.	kg	300	310	320

MD40G

- Gear driven drilling machine
- Exceptionally quiet gearbox
- Equipped with cross table
- Head can be elevated up and down
- High precision ground spindle and larger quill
- Positive locks for the table, quill, head
- Precision fine down feed
- Zero voltage safeguard
- Optional tapping system, double speed motor

Standard Accessories

- Drill chuck
- Arbor
- Drawbar
- Coolant system
- Toolbox & tools

Optional Accessories

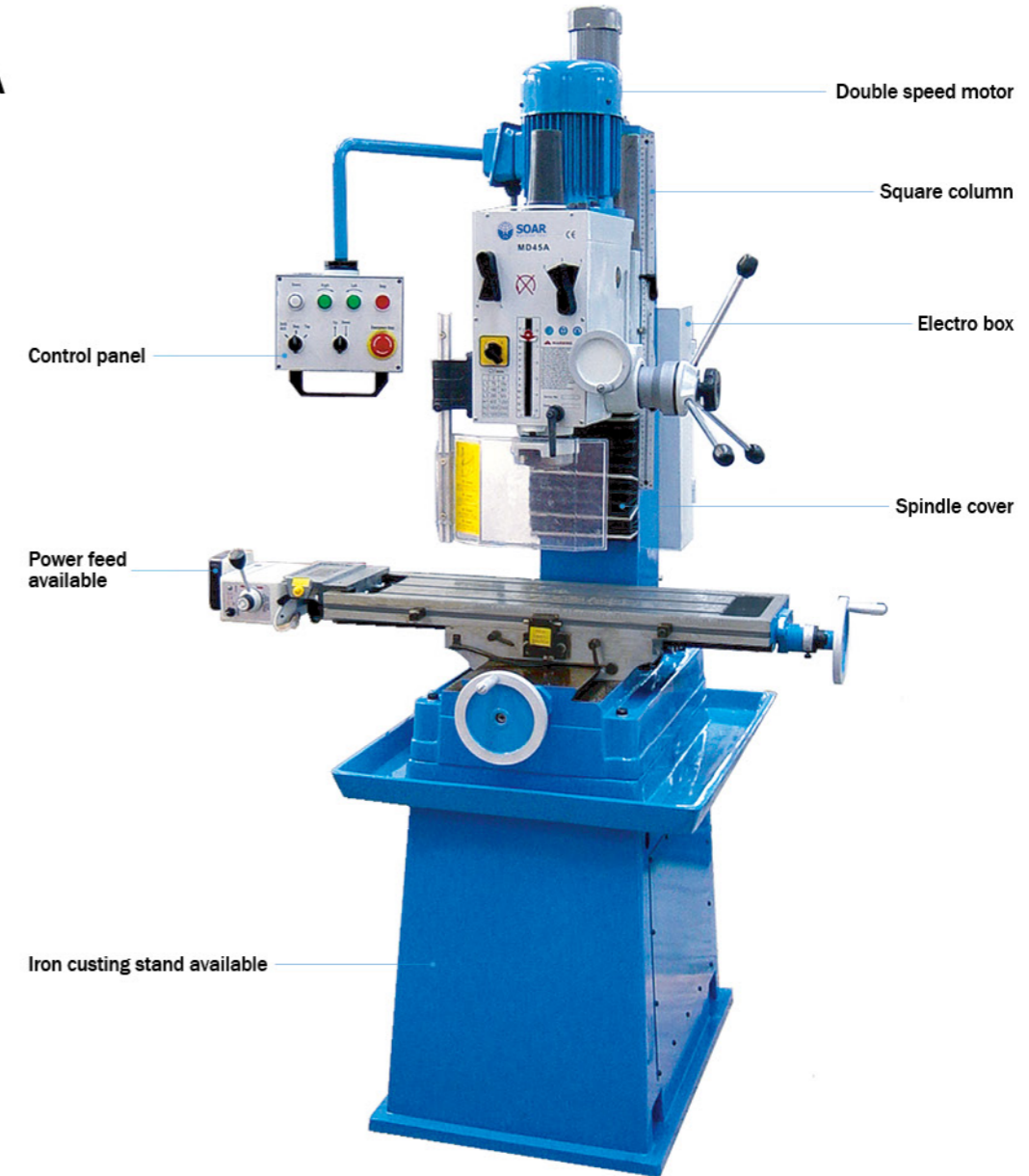
- Power feed
- Coolant system
- 58pcs clamp kits
- 100 milling vise
- 100 drill vise
- Keyless drill chuck
- Halogen work lamp



MD50



MD45A



Technical Parameters

Model No.	Unit	MD40G	MD50
drilling capacity	mm	40(1.57")	iron: 50(1.97") steel: 45(1.77")
max distance spindle to table	mm	-	50-550(1.97"-21.65")
spindle stroke	mm	120(4.72")	125(4.92")
spindle taper		MT4	MT3 or MT4
spindle feed	mm/r	0.1, 0.2, 0.3	0.10/0.18/0.26
spindle speed	rpm	75-3200/12steps	-
face mill capacity	mm	-	80(3.15")
end mill capacity	mm	-	32(1.26")
working table size	mm	540×470(21.26"×18.5")	1000×240(29.37"×9.45")
working table cross travel	mm	-	300(11.81")
working table longitudinal travel	mm	-	600(23.62")
T-Slot size	mm	-	14(0.55")
head tilt left right	°	-	90(3.54")
base dimension	mm	650×450(25.59"×17.72")	-
column	mm	∅115(4.53")	-
motor power	kW	0.85/1.1	1.1/1.5
packing size	mm	740×720×1830	1450×1000×2100
N.W.	kg	320	430

Technical Parameters

Model No.	Unit	MD45A
max. drilling capacity	mm	45(1.77")
max. end milling capacity	mm	36(1.42")
max. face milling capacity	mm	80(3.15")
work table size	mm	800×240(31.50"×9.45")
T-slot size	mm	14(0.55")
cross travel	mm	230(9.06")
longitudinal travel	mm	560(22.05")
head stroke	mm	300(11.81")
taper of spindle bore		MT4 of R8 or ISO30
spindle stroke	mm	120(4.72")
max. distance spindle to table	mm	470(18.50")
distance between spindle to column	mm	260(10.24")
step of spindle speeds	steps	12
range of spindle speeds	rpm	75-3200
headstock tilted left & right	°	±90
motor	kW	0.85/1.1
packing size	mm	1180×960×1400
N.W.	kg	580

Standard Accessories

- Drill chuck
- Drawbar
- Tapping assembly
- Double speed motor
- Toolbox & tools

Optional Accessories

- Keyless drill chuck
- Coolant system
- MBV100 milling vise
- 58pcs clamping kits
- Halogen work lamp
- Digital readout scale
- Collet chuck
- Iron casting stand
- X-power feed

MDH60

- Z: X Axis auto feed, with tapping
- ZA: X/Y Axis auto feed, with tapping
- ZB: X/Y Axis auto feed, Up/Down by motor on Z Axis, with tapping
- ZS: 3 Axis auto feed, speed adjustable on Z Axis, work table can be rotary to 45, with tapping



Technical Parameters

Model No.	Unit	MDH60Z/MDH60ZA/MDH60ZB/MDH60ZS
max. tapping dia		M16
max. drilling capacity	mm	50
max. end milling capacity	mm	25
max. face milling capacity	mm	100
work table size	mm	1120×260
T-slot size	mm	14
cross travel	mm	230
longitudinal travel	mm	350
taper of spindle bore		ISO40
spindle stroke	mm	120
distance between spindle to table	mm	90-400
range of spindle speed(vertical)	rpm	110-1760
range of spindle speed(horizontal)	rpm	38-1310
motor(vertical)	Kw	0.85/1.5
motor(horizontal)	Kw	2.2
packing size	mm	1500×1280×2200
N.W.	kg	1350

Standard Accessories

- drill chuck
- drawbar
- tapping assembly
- toolbox & tools
- halogen work lamp
- milling vise
- coolant system
- chip tray
- X axis mechanical
- automatic feed

Optional Accessories

- keyless drill chuck
- 58pcs clamping kits
- digital readout
- Y,Z-axis automatic feed
- automatic spindle feed

BAND SAW

BS712 BELT DRIVING METAL BAND SAW

- Hydraulic feed-fully controllable
- Coolant system
- Four blade speeds
- Mitre vice

Model No.	Unit	BS712
capacity 90°	mm	180(7.09")
capacity 90°	mm	180×300(7.09"×11.81")
capacity 45°	mm	110(4.33")
capacity 45°	mm	110×180(4.33"×7.09")
saw blade speed	m/min	34/41/59/98(1.34"/1.61"/2.32"/3.86")
blade dimensions	mm	2360×19×0.9(92.91"×0.75"×0.035")
motor power	kW	0.75
N.W.	kg	170



BS712A BELT DRIVING METAL BAND SAW

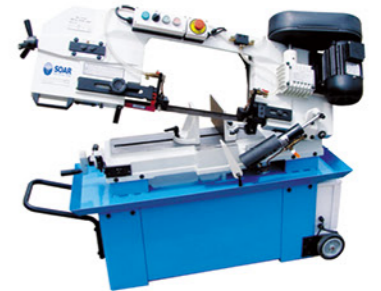
- Hydraulic feed-fully controllable
- Coolant system
- Four blade speeds
- Mitre vice
- 24V control electrical system

Model No.	Unit	BS712A
capacity 90°	mm	180(7.09")
capacity 90°	mm	180×300(7.09"×11.81")
capacity 45°	mm	110(4.33")
capacity 45°	mm	110×180(4.33"×7.09")
saw blade speed	m/min	34/41/59/98(1.34"/1.61"/2.32"/3.86")
blade dimensions	mm	2360×19×0.9(92.91"×0.75"×0.035")
motor power	kW	0.75
N.W.	kg	170



BS-912B

Model No.	Unit	BS-912B
capacity circular @45°	mm	229(9.02")
capacity rectangular @45°	mm	178×305(7.01"×12.01")
capacity circular @45°	mm	150(5.91")
capacity rectangular @45°	mm	127×150(5.00"×5.91")
blade speed @60HZ		32,60,88,115
blade speed @50HZ		26,50,73,95
blade size	mm	27×0.9×2655(1.06"×0.035"×104.53")
motor power	kW	1.5 2HP(1PH)
drive		V-belt
packing size	mm	1540×590×1150
N.W./G.W.	kg	230/260



BS-912GDR

Model No.	Unit	BS-912GDR
capacity circular @45°	mm	229(9.02")
capacity rectangular @45°	mm	178×305(7.01"×12.01")
capacity circular @45°	mm	150(5.91")
capacity rectangular @45°	mm	127×150(5.00"×5.91")
blade speed @60HZ		38,78,115
blade speed @50HZ		31,65,95
blade size	mm	27×0.9×2655(1.06"×0.035"×104.53")
motor power	kW	1.1 1.5HP(3PH)
drive		Gear
packing size	mm	1580×620×1150
N.W./G.W.	kg	220/250



BS-916V

Model No.	Unit	BS-916V
capacity circular @45°	mm	229(9.02")
capacity rectangular @45°	mm	127×405(5.00"×15.94")
capacity circular @45°	mm	150(5.91")
capacity rectangular @45°	mm	150×190(5.91"×7.48")
blade speed @60HZ		22-122 95-402
blade speed @50HZ		18-102 78-335
blade size	mm	27×0.9×3035(1.06"×0.035"×119.49")
motor power	kW	1.5 2HP(3PH)
drive		V-belt
packing size	mm	180×0770×1140
N.W./G.W.	kg	300/350



BS-1018B

Model No.	Unit	BS-1018B
capacity circular @45°	mm	254(10.00")
capacity rectangular @45°	mm	127×457(5.00"×18.00")
capacity circular @45°	mm	150(5.91")
capacity rectangular @45°	mm	150×190(5.91"×7.48")
blade speed @60HZ		35,60,88,115
blade speed @50HZ		26,50,73,95
blade size	mm	27×0.9×3280(1.06"×0.035"×129.13")
motor power	kW	1.5 2HP(3PH)
drive		V-belt
packing size	mm	1830×830×1150
N.W./G.W.	kg	310/385



BS-1018R

Model No.	Unit	BS-1018R
capacity circular @45°	mm	254(10.00")
capacity rectangular @45°	mm	160×406(6.30"×15.98")
capacity circular @45°	mm	170(6.69")
capacity rectangular @45°	mm	160×190(6.30"×7.48")
blade speed @60HZ		35,60,88,115
blade speed @50HZ		26,50,73,95
blade size	mm	27×0.9×3215(1.06"×0.035"×126.57")
motor power	kW	1.5 2HP(3PH)
drive		V-belt
packing size	mm	1890×840×1340
N.W./G.W.	kg	300/360



ROLLER STAND: 1m/2m/3m



MINI BENDER

- Vice mounting
- Segmented blade
- UP to 90° folding angle
- Capacity in mild steel: 12"/300mm×20swg/1mm



MINI SLIP ROLLS

- Vice mounting
- Five wire grooves
- Roll diameter 30mm
- Rear pinch roll
- Top slip roll
- Capacity in mild steel: 12"/300mm×20swg/1mm



ASYMMETRICAL 3-ROLLER BENDING MACHINE WITH ONE SIDE PREBEND

The W11G series asymmetrical three rollers bending machine's upper roller is hand-adjusted up and down. The machine has a pre-bending function. Bending function is power driven, and the upper roller can be moved to remove the workpiece

Model No.	Unit	W11G 2×1000	W11G 1.5×1300	W11G 1.5×1530
max thickness	mm	2(0.079")	1.5(0.06")	1.5(0.06")
max width	mm	1000(39.37")	1300(51.18")	1530(60.24")
min. dia.	mm	100(3.94")	100(3.94")	100(3.94")
yield limit	mm	245(9.65")	245(9.65")	245(9.65")
motor	kW	1.5	1.5	1.5
G.W.	kg	220	244	272
dimension	cm	154×55×117	118×54×112	203×54×112



ER1015 / ER1020 / ER1325 / ER1535 / ER2030 3-ROLLER BENDING MACHINES

Model No.	Unit	ER1015	ER1020	ER1325
max. thickness	mm	1.5(0.06")	2(0.079")	2.52(0.10")
max. width	mm	1000(39.37")	1020(40.16")	1300(51.18")
roller diameter	mm	50(1.97")	50(1.97")	90(3.54")
motor	kW	1.5	1.5	1.5
G.W.	kg	280	260	470

Model No.	Unit	ER1535	ER2030
max. thickness	mm	3.5(0.14")	3(0.12")
max. width	mm	1550(61.02")	2010(79.13")
roller diameter	mm	120(4.72")	127(5.00")
motor	kW	2.2	4
G.W.	kg	750	950



BOX & PAN FOLDER - MF1220

- Hardened steel finger-easy to remove for box folding. Cam action top beam securely clamps material to bed. Quick clamping adjustment is achieved by means of a simple link arrangement



Model No.	Unit	MF1220
max. length	mm	1220(48.03")
max. thickness	mm	1.5(0.06")
bending angle	°	0-135
G.W.	kg	210

FOOT SHEAR - FS1020 / FS1320

- Can be used on aluminum, brass, lead, plastic and zinc. Two-way blade configuration provides twice the cutting life ideal for precision shearing of mild steel up to 16 gauge. - Hardened blade come with



Model No.	Unit	FS1020	FS1320
max. length	mm	1020(40.16")	1320(52.00")
max. thickness	mm	1(0.039")	1.5(0.059")
max. back gauge	mm	760(29.92")	760(29.92")
max. front gauge	mm	330(13.00")	330(13.00")
G.W.	kg	370	460

HEAVY DUTY FOLDER - MHF1220 / MHF2500

- Wide assortment of finger widths allow greater versatility in the shop. Both the bed and apron are bored in line to assure the utmost accuracy. All body sections are welded steel plate with heavy truss rods and braces designed to give greater strength and durability



Model No.	Unit	MHF1220	MHF2500
max. length	mm	1220(48.03")	2500(98.43")
max. thickness	mm	2.5(0.10")	1.5(0.06")
bending angle	°	0-135	0-135
G.W.	kg	580	1200

MANUAL FOLDING MACHINE - MFM1020 / MFM1270 / MFM1500 / MFM2000

- Hardened steel finger-easy to remove for folding machine. High grade steel for strong rigid construction. Precision, quality construction



Model No.	Unit	MFM1020	MFM1270	MFM1500	MFM2000
max. length	mm	1020 (40.16")	1270 (50.00")	1500 (59.06")	2000 (78.74")
max. thickness	mm	2.0(0.079")	1.5(0.059")	1.2(0.047")	1.0(0.039")
bending angle	°	0~135	0~135	0~135	0~135
G.W.	kg	300	325	480	580

3-IN-1MACHINE - SBR610 / SBR760 / SBR1050

- Hardened and ground reversible shear blade. Segmented folder tooling for box and pan work 3 rolls including rear pinch roll and top slip out roll



Model No.	Unit	SBR610	SBR760	SBR1050
bed width	mm	610(24.02")	760(29.92")	1050(41.34")
max. shearing	mm	1.0(0.039")	1.0(0.039")	1.2(0.039")
max. bending	mm	1.0(0.039")	1.0(0.039")	1.2(0.039")
bending angle	°	90	90	90
roller diameter	mm	Ø38(1.50")	Ø38(1.50")	Ø41(1.61")
G.W.	kg	100	145	270

HEAVY FOLDING MACHINE - HFM1020A / HFM1260A / HFM1500A / HFM2000A

- Hardened and ground reversible shear blade. segmented folder tooling for box and pan work 3 rolls including rear pinch roll and top slip out roll



Model No.	Unit	HFM1020A	HFM1270A	HFM1500A	HFM2000A
max. length	mm	1020 (40.16")	1270 (50.00")	1500 (59.06")	2000 (78.74")
max. thickness	mm	2.0(0.079")	1.5(0.059")	1.2(0.047")	1.0(0.039")
bending angle	°	0~135	0~135	0~135	0~135
G.W.	kg	310	340	490	590

POWER SLITTING AND BENDING MACHINE

The machines is multifunctional for bending and slitting. It can sit sheet up to 1.5mm thickness and 1.25mm width, being suitable for duct spot-forming

Model No.	Unit	LH10	LH15	LH18
capacity	mm	1.0(0.039")	1.5(0.059")	1.8(0.070")
motor	kW		0.75	2.2
G.W.	kg	50	85	145
dimension	cm	64×48×105	83×36×100	85×45×118



ROTARY MACHINE-POWER EMT-7R

- Specifications:**
- 11" Throat
 - 14GA Mild Steel Capacity
 - Bronze Bushings
 - Includes 1 set 3/8" Single Bead Rolls
 - Power: 110/220/440/575V 1PH/3PH
 - Shipping Wt.: 600lbs

- Optional Top Shaft Controls:**
- Air
 - Air Over Hydraulic
 - Digital Programmable

This machine can not sell to Northern America according to our agreement with one customer.



Single Bead	Flange	Turning	Offset
Slitting Cutters	Flattening	Burring	Ogee Bead
Furnace Collar Edging	Crimping	Wiring	Elbow Edging

Available on EMT-7R models only
Spin In

HYDRAULIC SECTION BENDER SERIES

The rollers can be replaced as different requirement. They can bend section iron, flat iron, round pipe, slot steel, etc. During working, you can adjust space among the rollers. Hydraulic section bender has function of pre-bending

Model No.	Unit	W24Y-400	W24Y-500	W24Y-750
min. bending dia	mm	200-400 (7.87"-15.75")	300-400 (11.81"-15.75")	400-600 (15.75"-23.62")
capacity	mm	L40×4 (1.57"×0.16")	L50×5 (1.97"×0.20")	L75×7 (2.95"×0.28")
motor	kW	2.2	2.2	4
G.W.	kg	500	900	2500



UB 40 / WB 100 / UBM
UNIVERSAL - AND ANGLE-BENDER

WB 100



UB 40



UBM

WB 100

- Precise cold / hot bending of strip-, round- and square steel
- Stable construction to mount directly onto the workbench
- Stepless adjustable bending stop
- With eccentric quick tension for rational working
- Readable bend angle up to 120°
- High repeat precision through bending angle stop
- Ideal for plumbers and repair workshops

UB 40

- To bend flat, square and round material
- Economic turn of usual shapes and bends
- Easily transportable, suitable for installation in service vehicles

UBM

- To bend angles, strips, round - and square materials
- Ideal for workshops and modelmakers
- Suitable to repair doors, balcony fence, steel brass and copper

Description	UB 40
bending capacity - strip steel	30 x 8 mm
bending capacity - round steel	15 mm
bending capacity - square steel	13 x 13 mm
max. bending capacity	40 kg/mm ²
dimensions (L x D x H)	710 x 630 x 160 mm
weight	23 kg

Description	WB 100
flat steel	100 x 5 mm
round steel	20 mm
square steel	18 x 18 mm
angle steel	60 x 8 mm / 100 x 12 mm
flat steel	100 x 10 mm
round steel	30 mm
square steel	30 x 30 mm
angle steel	100 x 12 mm
max. bending capacity	40 kg/mm ²
dimension (L x D x H)	910 x 205 x 255 mm
weight	29 kg

Description	UBM
strip steel - radius bend	8 x 50 mm
strip steel - sharp bend	6 x 50 mm
round steel	16 mm
square steel	6 x 16 mm
reinforced steel	12 mm
working height	960 - 1.200 mm
baseplate dimensions	240 x 240 mm
distance mounting holes	195 x 195 mm
weight	35 kg



SM 08
CRIMPING MACHINE MANUAL

Standard Roller Sets

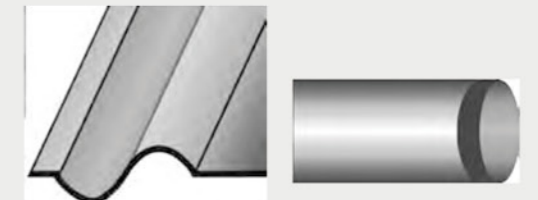
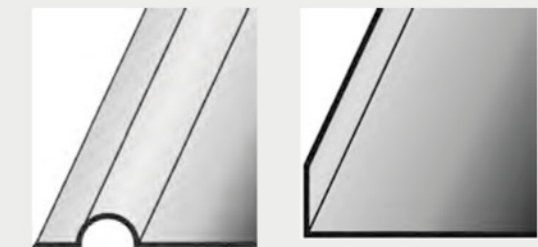


SM 08

INCL. 6 ROLLER SETS

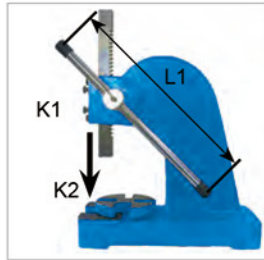
- special steel shaft
- to carry easily
- heavy duty cast iron construction
- adjustable bottom shaft
- in order to produce of different pipe connections
- swiveling machine body with table clamp device
- standard with 6 different roll sets

EXAMPLE OF USE



Description	SM 08
max. sheet thickness	0,8 mm
distance between roll centres	50 mm
working range	200 mm
depth	300 mm
length	515 mm
height	800 mm
weight	22 kg

DDP 2 / DDP 3 / DDP 5 ARBOR PRESSES



DDP 2



DDP 3



DDP 5

DDP 2/DDP 3/DDP 5
Heavy Casting Precise

- Ideal for work- and repair shops
- Stable construction
- Body made of high-grade grey cast iron

- Suitable for molding in and crushing bearing, arbors, bushings, spindles and pins
- For bending, flattening and broaching operations
- 4-Position anvil
- Variable adjustable lever rod
- Fixed on a working table

Description	DDP 2	DDP 3	DDP 5
max. height press	195 mm	305 mm	455 mm
working range	136 mm	159 mm	210 mm
pusher size (W x D x H)	33 x 33 x 350 mm	38 x 38 x 460 mm	50 x 50 x 640 mm
table size	160 mm	185 mm	255 mm
dimensions (W x D x H)	200 x 425 x 565 mm	275 x 460 x 845 mm	340 x 640 x 1.185 mm
weight	33 kg	48 kg	150 kg
K1	at 60 kg	at 60 kg	at 60 kg
K2	1.290 kg	1.186 kg	1.976 kg
L1	40,5 cm	54 cm	80 cm

AM 4T
MANUAL NOTCHING MACHINE

AM 4T
With Max. 4 Tons Piston Pressure

- Solid punching machine with high pressure
- Free of burrs cut by precision cutting edge from High - quality steel
- Universally adjustable stop for the serial production
- For cutting of corners, forms etc.
- Body is of steel construction
- No deflection of the cutting edge is possible



Description	AM 4T
max. sheet thickness	1,5 mm
max. stamp length	152 x 152 mm
cutting angle	90°
cutting pressure	20 mm
table size	460 x 310 mm
dimensions (L x D x H)	810 x 460 x 915 mm
weight	75 kg

HS 125 / HS 150 / HS 300
LEVER SHEARS



HS 125

HS 300

HS 125 / HS 150 / HS 300

- For cutting of sheets and sheet profiles
- In the top knife stands an admission bore for sectioning of round material
- Across the complete cut length power gentle and easy separating
- The workpart is positioned by an adjustable hold down clamp
- Shear is assured by a strong spring against independent closing
- Solid hand grip assures a safe operation
- Ergonomic cutting geometry
- Fixed cutters
- Robust shear body
- Stable pedestal with fixing bores

Description	HS 125	HS 150	HS 300
round material	Ø 11 mm	Ø 11 mm	Ø 11 mm
material length	90 mm	125 mm	125 mm
material thickness	4 mm	5 mm	5 mm
weight	9 kg	10 kg	10 kg

TFS 1.050 - 1,0
GUILLOTINE SHEAR

TFS 1.050-1,0

Universal Shear For Metal, Paper And Other Materials

- heavy duty cast iron construction
- Retraction of blade over spring
- With manual holding down clamp for perfect achievement
- Large work table
- Centre console
- Adjustable parallel limit stop by hand crank
- Very good price performance ratio

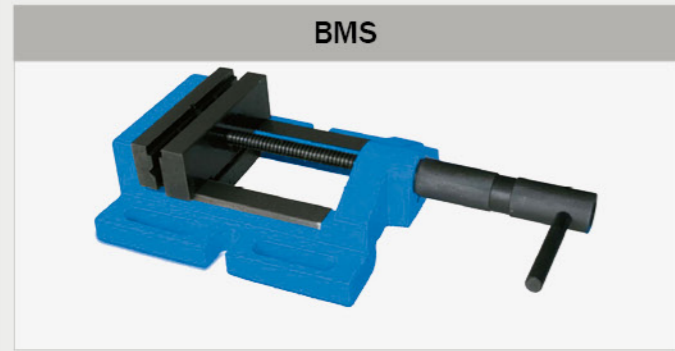
- Cutting performance data refer to 24 kg/m² sheet bending limit
- Sheet thickness for stainless steel: factor 0,5
- Sheet thickness for aluminum: factor 1,2

Description	TFS 1.050-1,0
sheet thickness	max. 1 mm
working width	1.000 mm
dimensions (L x D x H)	1.500 x 1.275 x 1.500 mm
weight	240 kg



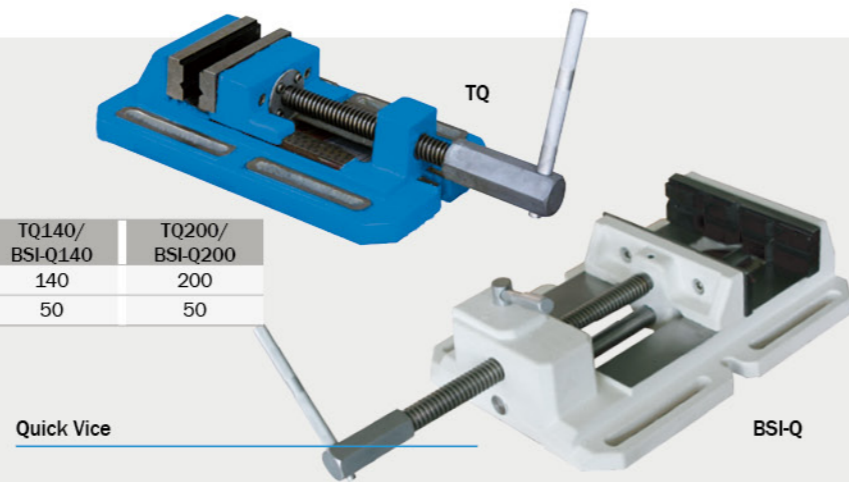
BMS/MSO

Model No.	Unit	BMS85	BMS100	BMS120	BMS150	BMS200	MS075	MS0100	MS0125	MS0150
jaw width	mm	85(3.35")	100(3.94")	120(4.72")	150(5.91")	200(4.72")	75(2.95")	100(3.94")	125(4.92")	150(5.91")
jaw height	mm	30(1.18")	30(1.18")	35(1.38")	48(1.89")	58(2.28")	20(0.79")	23(0.91")	26(1.02")	30(1.18")
jaw opening	mm	70(2.76")	90(3.54")	110(4.33")	120(4.72")	150(5.91")	50(1.97")	75(2.95")	100(3.94")	125(4.92")



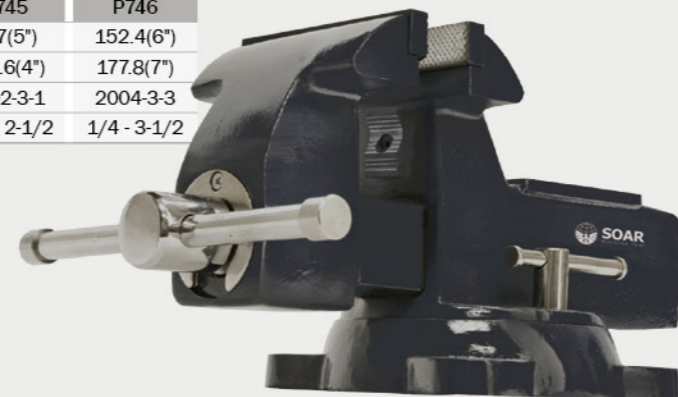
TQ/BSI-Q

Model No.	Unit	TQ100/ BSI-Q100	TQ140/ BSI-Q140	TQ200/ BSI-Q200
jaw width	mm	100	140	200
jaw height	mm	40	50	50



P2060/P2080/P744/P745/P746

Model No.	Unit	P2060	P2080	P744	P745	P746
jaw width	mm	152.4(6")	203.2(8")	101.6(4")	127(5")	152.4(6")
throat opening	mm	203.2(8")	10	127(5")	101.6(4")	177.8(7")
pipe jaw depth	In.	2004-3-3	2002-4-1	2002-3-1	2002-3-1	2004-3-3
capacities	In.	1/2 - 3-1/2	1/4 - 3-1/2	2002-1-4	1/4 - 2-1/2	1/4 - 3-1/2



WORKING TABLE

Model No.	Unit	CTN201	CTN202	CTN203	CTN204	CTN205	CTP203
table size	mm	185×100	225×175	330×220	430×240	600×240	375×120
travel	mm	80×50	105×90	190×100	230×150	400×150	250×160
packing list	mm	280×280×170	320×320×165	425×365×165	620×455×180	790×455×180	475×365×155

Model No.	Unit	CTP204	CTP205	CTP206	CTS302	CTS303	CTS304	CTS305
table size	mm	430×240	600×240	730×210	225×175	330×220	430×240	600×240
travel	mm	230×150	400×150	500×210	105×90	190×100	230×150	400×150
packing list	mm	620×455×180	790×455×180	920×510×210	320×320×195	425×365×200	620×455×220	790×455×220



MINI ROTARY TABLE

Model No.	Unit	HV-3"(75mm)	HV-4"(100mm)	HV-5"(125mm)
table diameter	mm	ø76.2	ø110	ø127
morse taper of the center hole		MT2	MT2	MT2
width of the t-slot	mm	8	12	12
adjacent angle of table t-slot	°	90	120	120
width of the locating key	mm	12	12	12
model of the worm gear		1	1	1
graduation of the table	°	360	360	360
max.bearing(with table hor.)	kg	100	150	200
max.bearing(with table vert.)	kg	50	75	100

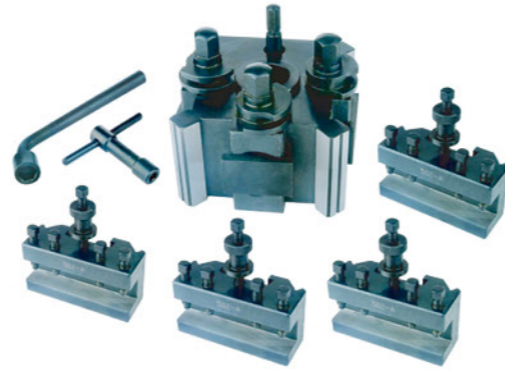


QUICK CHANGE TOOL POST

The quick change tool post is a major accessory of lathes. It is composed of the cutter-cartridge body and the toolholder for various cutting tools or processing works like cylindrical facing, end facing, cutting, knuring, drilling, enlarging boring and reaming etc

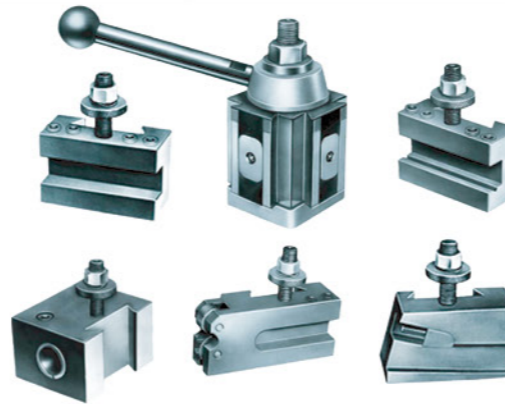
ITALY STYLE 5-PIECE SETS

Model No.	each set includes	weight
IM	1PC 501-M. 3PCS 502-M and 1PC 503-M	2.89kg
IAR-AP	1PC 501-AR-AP. 3PCS 502-AR-AP and 1PC 503-AR-AP	4.29kg
IA	1PC 501-A. 3PCS 502-A and 1PC 503-A	8.90kg
IBR-AP	1PC 501-BR-AP. 3PCS 502-BR-AP and 1PC 503-BR-AP	12.89kg
IB	1PC 501-B. 3PCS 502-B and 1PC 503-B	17.26kg
IC	1PC 501-C. 3PCS 502-C and 1PC 503-C	22.55kg
ID	1PC 501-D. 3PCS 502-D and 1PC 503-D	44.75kg



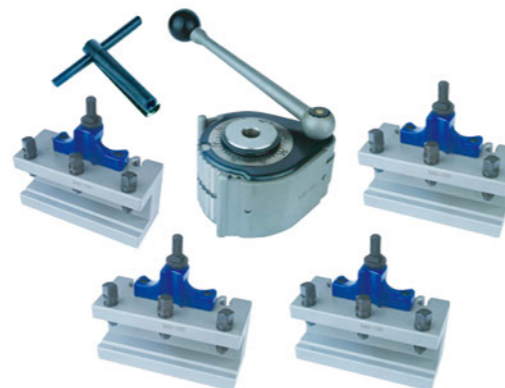
USA STYLE 6-PIECE SETS

Model No.	lathe swing	each set includes	weight
U251-100	12"	each 1PC of 250-100, 250-101, 250-102, 250-104, 250-107, 250-110	15.00kg
U251-200	10-15"	each 1PC of 250-200, 250-201, 250-202, 250-204, 250-207, 250-210	20.00kg
U251-300	13-18"	each 1PC of 250-300, 250-301, 250-302, 250-304, 250-307, 250-310	28.33kg
U251-400	14-20"	each 1PC of 250-400, 250-401, 250-402, 250-404, 250-407, 250-410	40.76kg



EUROPEAN STYLE 5-PIECE SETS

Model No.	each set includes	weight
EA0	1PC 540-000(A0). 3PCS 540-010 and 1PC 540-020(A0B12×50)	1.13kg
EA1	1PC 540-100(A1). 3PCS 540-115 and 1PC 540-122(A1B20×90)	3.60kg
EE5	1PC 540-200(E5). 3PCS 540-211 and 1PC 540-220(E5B30×100)	7.50kg
EB2	1PC 540-300(B2). 3PCS 540-311 and 1PC 540-320(B2B32×130)	11.80kg
EC3	1PC 540-400(C3). 3PCS 540-411 and 1PC 540-422(C3B40×160)	23.70kg
ED1	1PC 540-500(D1). 3PCS 540-511 and 1PC 540-520(D1B50×180)	50.00kg
ID	1PC 501-D. 3PCS 502-D and 1PC 503-D	44.75kg



QUICK ACTION DRILL CHUCK / DRILLSET / MORSE TAPER DRILLSET



QUICK ACTION DRILL CHUCK

Quick Action Drill Chuck
B 16 1-13 mm
B 16 3-16 mm

Description	1-13 mm	3-16 mm
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THREADING ATTACHMENT

Threading Attachment
M3-M12

- with taper mk2
- Torque adjustable m3 - m12
- Integrated rapid reverse
- Quick action drill chuck for thread drill

Description	Threading Attachment
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HSS DRILL SET

HSS Drill Set
25 PCS. 1-13 mm
ZYLINDRIC

- HSS drill
- For steel, light metals, plastic and wood
- 0,5 mm increasing from 1-13 mm
- In practical sheet box

Description	HSS Drill Set
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MORSE TAPER DRILL CASE 1

Morse Taper Drill Case 1
14,5/15/16/17/18/
19/20/21/22/23 mm

- HSS spiral drills
- 10 pcs.
- Several drills equipped with MT 2

Description	Morse Taper Drill Case 1
-------------	--------------------------



MORSE TAPER DRILL CASE 2

Morse Taper Drill Case 2
14,5/16/18/20/22/
24/26/28/30 mm

- HSS spiral drills
- 9 pcs.
- 14, 5 - 22 mm drills equipped with MT2
- 24 - 30 mm drills equipped with MT3

Description	Morse Taper Drill Case 2
-------------	--------------------------

**MORSE TAPERS / REDUCING SLEEVES
EXTENSION SLEEVES / LIFE CENTER**

Description
Reducing Sleeves MK 2 to MK 1
Reducing Sleeves MK 3 to MK 2
Reducing Sleeves MK 4 to MK 2
Reducing Sleeves MK 4 to MK 3
Reducing Sleeves MK 5 to MK 2
Reducing Sleeves MK 5 to MK 3
Reducing Sleeves MK 5 to MK 4



REDUCING SLEEVES

Description
Extension Sleeves MK 2 to MK 3
Extension Sleeves MK 3 to MK 4



EXTENSION SLEEVES

Description
Morse Taper MK 2 B16
Morse Taper MK 3 B16
Morse Taper MK 4 B16
Morse Taper MK 5 B16



MORSE TAPERS

Description
Life Center MK 2
Life Center MK 3
Life Center MK 4



LIFE CENTER MK 2/3/4

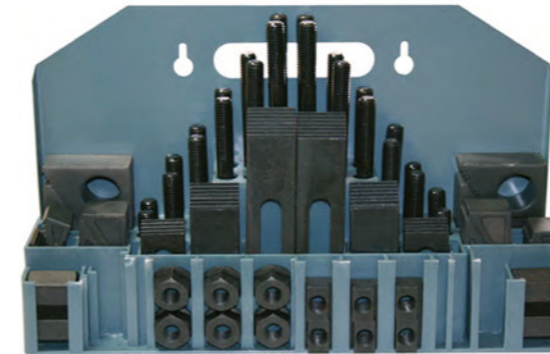
- MK 2
- 7 replaceable lathe centers
- precision needle roller bearings ensures
- supplied in a solid wooden box

Description
revolving center with replacement lathe centers



REVOLVING CENTER WITH REPLACEMENT LATHE CENTERS

**SPW 10/SPW 12/SPW 14
CLAMP KIT**



Description	Clamp Kit SPW 10	Clamp Kit SPW 12	Clamp Kit SPW 14
-------------	------------------	------------------	------------------

Clamp Kit SPW 10 52 - PCS.

- Handy wall unit
- Metric threads
- Drawbar M 10
- 24 pcs. studs 4 of each length
75 / 100 / 125 / 150 / 175 / 200 mm
- 6 pcs. T-nuts 12 mm
- 6 pcs. flanged nuts
- 4 pcs. coupling nuts
- 6 pcs. step clamps
- 6 pcs. step blocks

PRECISION PARALLELS



**Precision Parallels
28 - PCS. of High Quality Steel**

- Set of 14 pairs in a box
- Made of high quality steel
- Supplied in wooden case
- Dimensions (l x w) 150 x 10
- Dimensions (h) 14 / 16 / 18 / 20 / 22
24 / 26 / 28 / 30 / 32 / 35 / 40 / 45 / 50 Mm
- Fine ground to 0,01 mm accurately
- For precision work for parallel holding fixture of work parts in vices or marking plates

Description	Precision Parallels
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DIGITAL MEASURING SYSTEM

PROFESSIONAL EQUIPMENT FOR INDUSTRIAL USE AT SMALL PRICE



- With the high-quality premium-line digital measuring system the handling of conventional machine tools becomes faster, safer and significantly easier.
- Premium-line digital measuring systems are applicable for milling machines, lathes, drilling machines, machines for sheet metal workings, special machines etc. That are equipped with straight-line movements and everywhere where straight-line movements have to be measured e.G. Feed devices.

COLLET CHUCKS AND COLLETS

Collet Chuck MK
 15 - PCS. In Plastic Case MK 2
 15 - PCS. In Plastic Case MK 3
 15 - PCS. In Plastic Case MK 4

Collet Chuck ISO
 15 - PCS. In Plastic Case ISO 30
 15 - PCS. In Plastic Case ISO 40

- Collet chuck
- Hook wrench
- 15 collets: 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 / 16 / 18 / 20 / 25 mm



Description	MK 2	MK 3	MK 4	ISO 30	ISO 40
acceptance	MK 2	MK 3	MK 4	ISO 30	ISO 40
dimensions of the case (L x D x H)	350 x 270 x 100 mm	350 x 270 x 100 mm	350 x 270 x 100 mm	350 x 270 x 100 mm	350 x 270 x 100 mm
weight	5 kg	5 kg	5 kg	5 kg	5 kg

HSS MILLING CUTTERS

CONTENT
 10 PCS - 2 cutting edges

- DIN 327 D, short type with 2 cutting edges
- For milling wedge / drill grooves, as well as cutouts from the workpiece center, vertical or lateral milling operations possible with cyl. shank and lateral driving surfaces DIN 1835 B
- Size 3 / 4 / 5 / 6 / 8 / 10 / 12 / 14 / 18 / 20 mm

10 pieces - 4 cutting edges

- Din 844 b, short type with 4 cutting edges
- With 30° right spiral; that's why you have a good chip removal
- Front teeth center cutting
- For normal to solid materials with cyl. Shank and lateral driving surfaces din 1835 b
- Size 3 / 4 / 5 / 6 / 8 / 10 / 12 / 14 / 18 / 20 mm



Hss Milling Cutters
 20 - PCS . Tin -Coated

- Vapourised titanium applied in reactive gas
- Higher hardness and stability of tool cutters
- 2 - 5 times longer life
- double cutting capacity
- Better work piece surface

Description	HSS Milling Cutters
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TURNING TOOL / HM-TURNING PLATES

6-PCS. + 7-PCS.

Turning Tool
 6-PCS. 10 mm / 6-PCS. 12 mm
 Consists of 6 - PCS. Cutting Tools
 10 mm or 12 mm

- 2 left roughing tools
- Right roughing tool
- Recessing tool 30°
- Recessing tool 80°
- Lathe tools
- Supplied in a solid box

Description	Turning Tool	Turning Tool
Completion	10 MM	12 MM



Turning Tools With Cutting Tools
 For Internal and External
 6-PCS. 10 mm / 6-PCS. 12 mm

- 2 boring tools 55° and 60°
- 1 boring tool
- Supplied in a solid box
- 2 external tools 55° and 60°
- 1 external tool right

Description	10 mm	12 mm
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Turning Tool Hm In Solid
 Plastic Box

- Suitable for turning plates with HM inserts
- Cutting tool 1 SCLCL
- Cutting tool 2 SCSCR
- Cutting tool 3 SCBCR
- Cutting tool 4 SCKCR
- Cutting tool 5 SCMCN
- Cutting tool 6 SCLCR
- Cutting tool 7 S0Ø SCLCR

Description	12 mm	16 mm
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HM-Turning Plates

- Suitable for turning plates with HM inserts

Description	HM-Turning Plates
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2018
PRECISION MACHINERY
PRODUCT CATALOG



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MACHINE TOOL CO., LTD.

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