

 **SK MACHINERY**

The number 1 planer/moulder



**4** Side Planer  
& Moulder

*Complete moulder range for any production requirement*

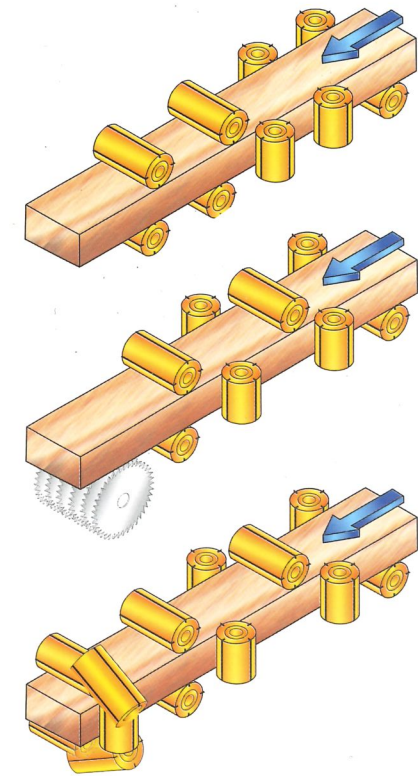
# SK-909US

## 4-Side 9-Spindle heavy duty moulder with 9<sup>th</sup> universal head

### OUTSTANDING FEATURES:

- Hard chrome plated table surface provides maximum wear resistance.
- Mechanical digital readouts provided for all spindles make spindle accurate and conveniently.
- Centralized control panel provides convenient operations.
- Powered table rollers allow moist stock to feed easily.
- Centralized location of lubrication points for spindles at the front of the machine.
- Serrated infeed table roller provides powerful and positive stock infeed.
- Pneumatic controlled feed rollers feature pressure compensation to suit variations in stock thickness.
- Reverse feed is available.
- Spindles run on high quality bearings for smooth and long service life.

- Synchronized adjustment for left spindle and lateral pressure rollers hold workpiece against inside fence provides fast set-up of left spindle.
- Full cardan shaft drive to feed works.
- Individual motor to each spindle.
- All spindles have horizontal and vertical adjustments.
- With sound and safety enclosure.
- Spring loaded top idle roller pressures at each fenceside position.
- Manual bed lubrication to increase feed power and reduce table wear.
- 2-meter infeed table.
- Lateral pressure roller at the infeed.
- Feed magazine is available.
- With 9<sup>th</sup> universal spindle.



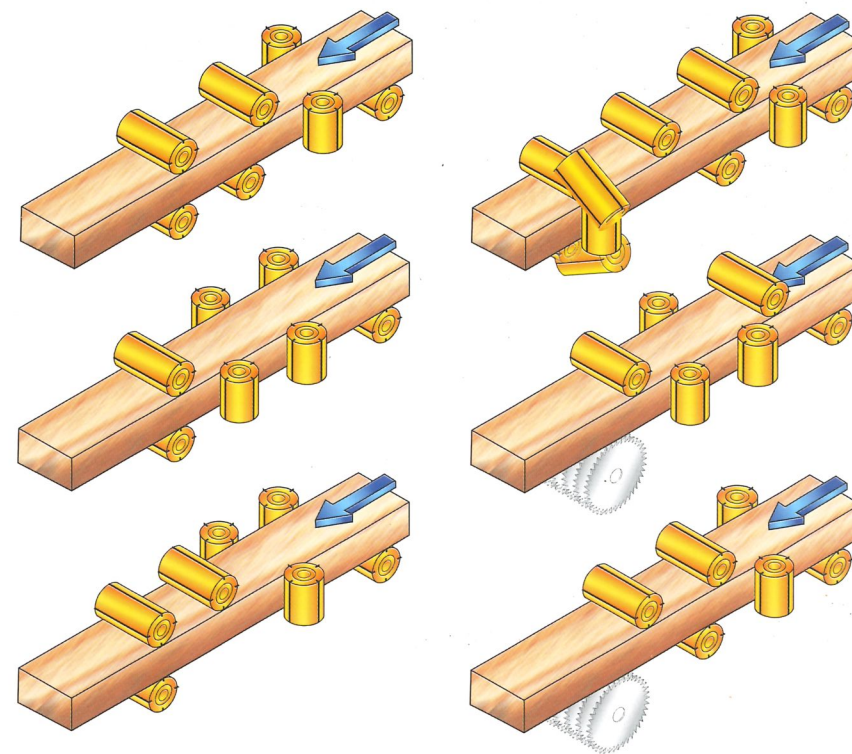
# SK-907S

## 4-Side 7-Spindle heavy duty moulder with 7<sup>th</sup> multiple rip saw head

### OUTSTANDING FEATURES:

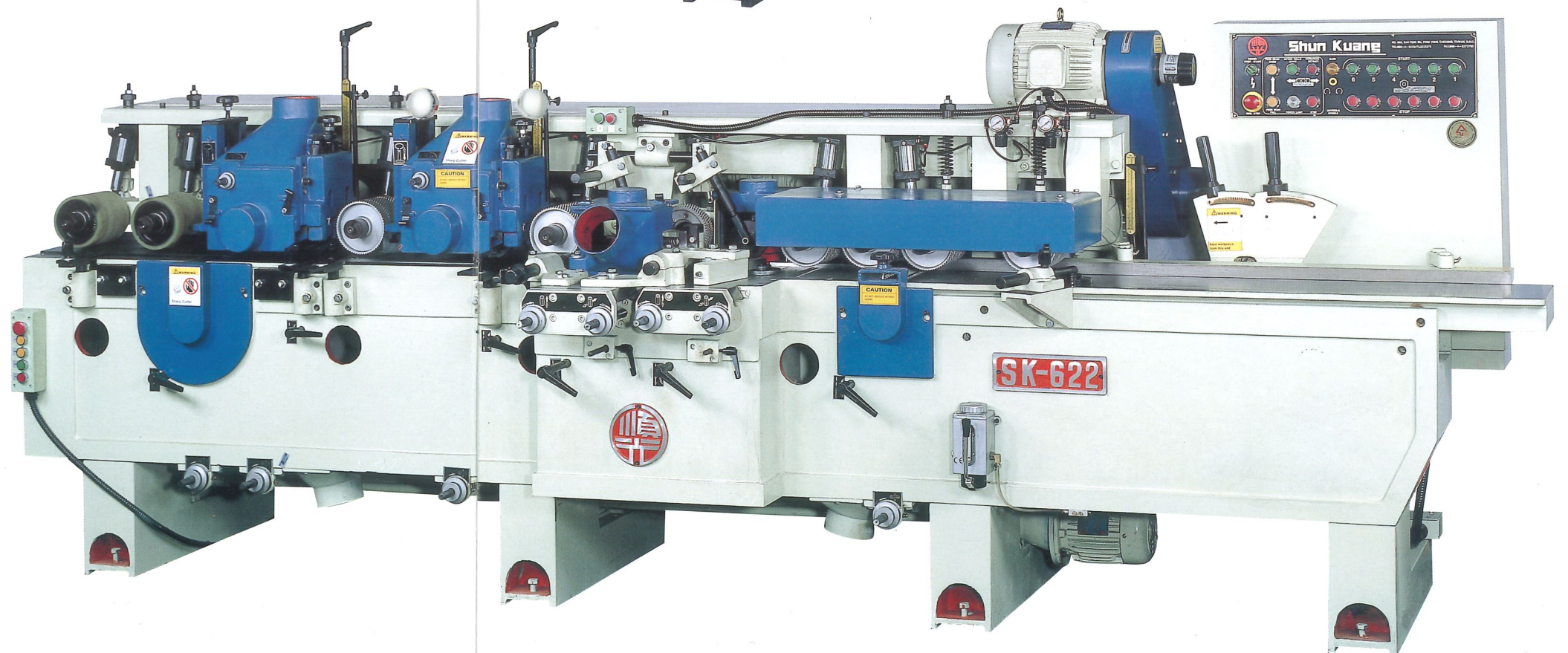
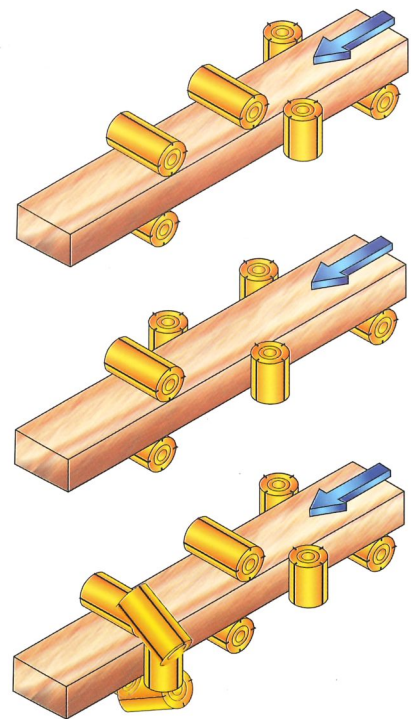
- Hard chrome plated table surface provides maximum wear resistance.
- Mechanical digital readouts provided for all spindles make spindle accurate and conveniently.
- Centralized control panel provides convenient operations.
- Powered table rollers allow moist stock to feed easily.
- Centralized location of lubrication points for spindles at the front of the machine.
- Serrated infeed table roller provides powerful and positive stock infeed.
- Pneumatic controlled feed rollers feature pressure compensation to suit variations in stock thickness.
- Reverse feed is available.
- Spindles run on high quality bearings for smooth and long service life.

- Synchronized adjustment for left spindle and lateral pressure rollers hold workpiece against inside fence provides fast set-up of left spindle.
- Full cardan shaft drive to feed works.
- Individual motor to each spindle.
- All spindles have horizontal and vertical adjustments.
- With sound and safety enclosure.
- Spring loaded top idle roller pressures at each fenceside position.
- Manual bed lubrication to increase feed power and reduce table wear.
- 2-meter infeed table.
- Lateral pressure roller at the infeed.
- Saw blades can be clipped off 7<sup>th</sup> bottom spindle up to 75HP motor for ripping.



# KP6-230S/SK-622

The most popular 4-Side  
6-Spindle versatile moulder

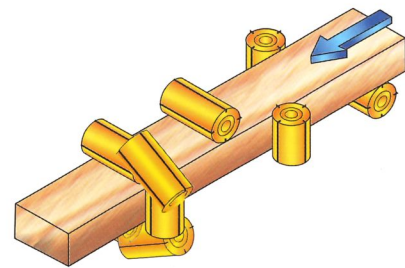
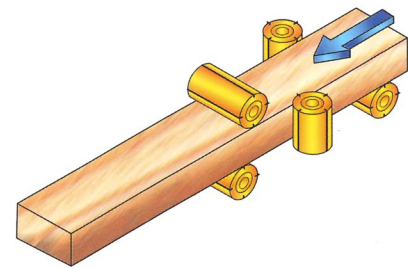
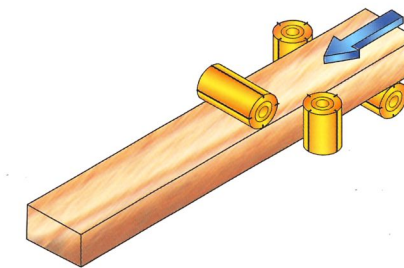


# KP5-230E/KPM-230S

4-Side 5-Spindle moulder  
plus option of universal head

## OUTSTANDING FEATURES:

- Hard chrome plated table surface provides maximum wear resistance.
- Mechanical digital readouts provided for all spindles make spindle accurate and convenient.
- Centralized control panel provides convenient operations.
- Powered table rollers allow moist stock to feed easily.
- Centralized location of lubrication points for spindles at the front of the machine.
- Serrated infeed table roller provides powerful and positive stock infeed.
- Pneumatic controlled feed rollers feature pressure compensation to suit variations in stock thickness.
- Reverse feed is available.
- Spindles run on high quality bearings for smooth and long service life.
- Synchronized adjustment for left spindle and lateral pressure rollers hold workpiece against inside fence provides fast set-up of left spindle.
- Full cardan shaft drive to feed works.
- Individual motor to each spindle.
- All spindles have horizontal and vertical adjustments.
- With sound and safety enclosure.
- Spring loaded top idle roller pressures at each fenceside position.
- Manual bed lubrication to increase feed power and reduce table wear.
- 1-1/2 meter infeed table.
- Lateral pressure roller at the infeed.



# The innovative features of Moulder come from **SK MACHINERY**



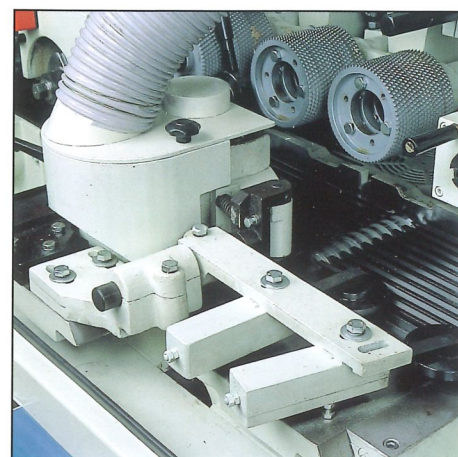
## CONTROL PANEL

The main control panel includes all motion controls of the machine for convenient operations. A frequency inverter for variable speed from 5-45 M/min with speed displayscreen is optional.



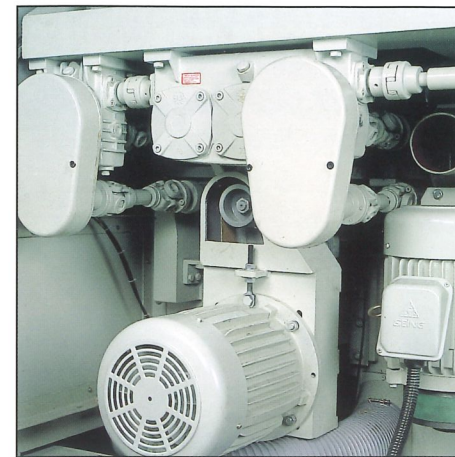
## CENTRAL LUBRICATION

Central location of lubrication for all spindles is convenient and easy-maintenance.



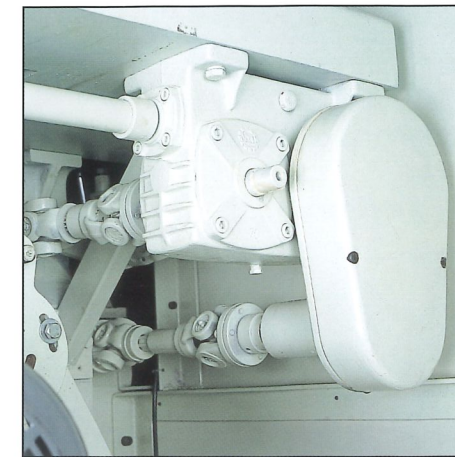
## SYNCHRONIZED ADJUSTMENT FOR LEFT SPINDLE AND LATERAL PRESSURE ROLLERS

When adjusting the left spindle, the lateral pressures move along with the spindle, providing convenient and fast set-up for left spindle.



## FLAT BELT DRIVE

The spindles are driven by high-quality flat belt for extremely stable power transmission without vibration and are ideal for high speed running.



## POWERED TOP & TABLE ROLLERS

The top feed & table rollers are transmitted by chainless cardan shaft for absolutely powerful and accurate feed effect.

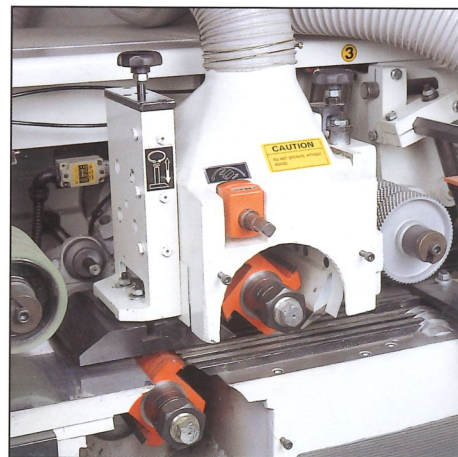


## FEED MAGAZINE (OPTIONAL)

The feed magazine keeps stock moving continuously into the machine at any speed on the feed rollers. It provides labor saving and upgrade working efficiency.

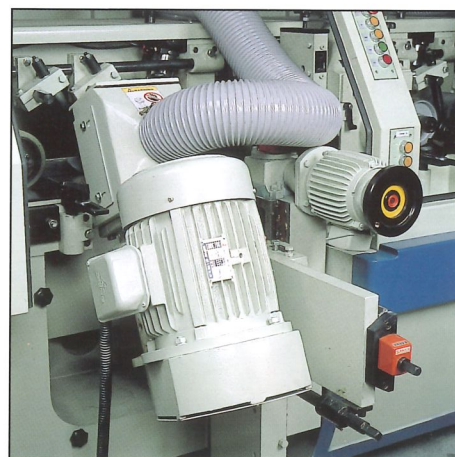
## CAPACITY OF FEED MAGAZINE

Width: 25-200mm.  
Thickness: 10-100mm.  
Length: 320mm or more.



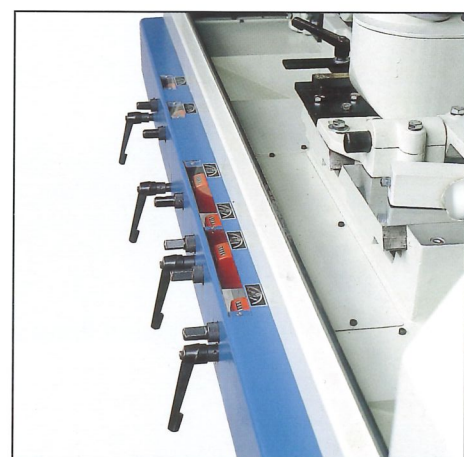
## HEAVY PRESSURE ELEMENTS BEFORE & AFTER THE TOP SPINDLE

Mounted in front & after the top spindle, the rigid chipbreaker & heavy-duty pressure shoes provide full support of workpiece for the best surface finish. They are also adjustable to different tooling diameter for easy adjustment of different cutting circles for reducing set-up time.



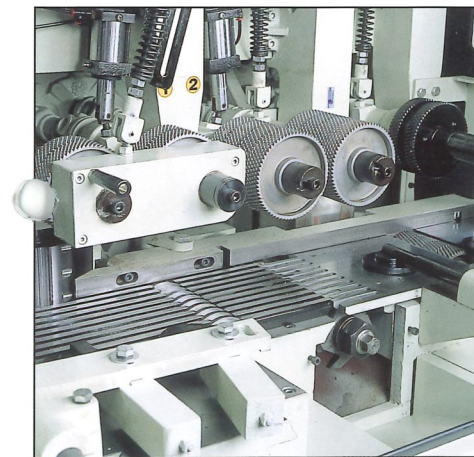
## UNIVERSAL SPINDLE

A versatile universal spindle can be furnished on the outfeed of the machine. The universal spindle is powerful elevated for convenient adjustment, allowing to cut with cutter or saw-blade for complicated profiles on the workpiece.



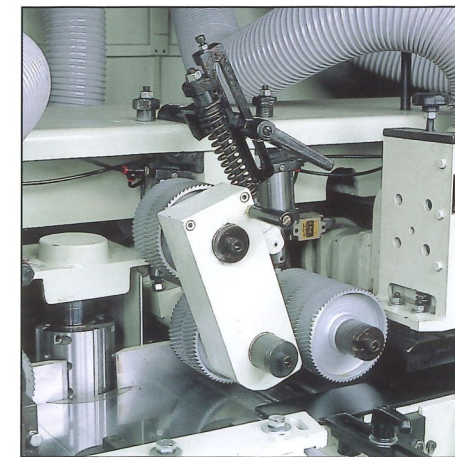
## FRONT ADJUSTMENT LEVER OF SPINDLE AND MECHANICAL DIGITAL READOUT

- All adjustment levers for all spindles are located in front of the machine. Levers layout conform to human engineering theorem for convenient operation.
- Mechanical digital readouts are fitted for each spindle giving accurate reading of spindle adjustment.



## GROOVED TABLE (OPTIONAL)

Designed for short or warped stocks feed smoothly and straightly. The grooved table ensures stocks traverse in the accurate path for precise cutting.



## SHORT STOCK FEED ROLLER (OPTIONAL)

The additional stock feed roller mounted oppositely the fenceside head allows for holding short stocks firmly. It avoids stock chattering and ensures high-quality cutting & can be lifted easily for conveniently change cutterhead on the fenceside spindle.



## CUTTERHEAD SET-UP STAND (OPTIONAL)

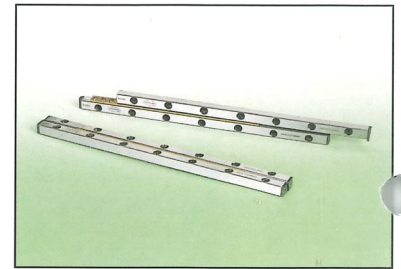
The cutterhead set-up stand is optional for offering the operator conveniently and accurately calibrates each cutterhead. Thus assures that each one runs perfectly.

# SK-330G

## PROFILE GRINDER (1:1)

### OUTSTANDING FEATURES:

- The working table travels back-front, left-right with linear bearing sets for highly precise working condition. Maximum grinding length is 9" (230mm). Maximum grinding diameter is 9" (230mm).
- Grinding wheel head is micro-adjustable and accurate. 3HP motor with inverter variable speed have a good performance for grinding.
- Both splash guard and coolant tank are stainless.



Working table equipped with linear bearing sets.



Micro-adjustment is accurate for wheel head angle.

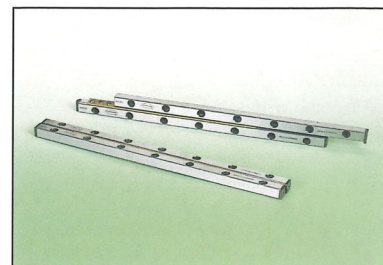
MODEL	SK-330G	
Grinding capacity	Cutters (Dia. x W) 9" x 9" (230 x 230mm)	
Work table (Max.) Travel	Left-right	10" (250mm)
	Back-front	4" (100mm)
Grinding wheel size (Dia. x bore)	ø200 x ø60mm	
Speed of grinding wheel	1500-2900RPM (inverter variable speed)	
Grinding wheel motor	3HP	
Cooling motor	1/8HP	
Machine dimension	40" x 51" x 51" (1000 x 1300 x 1300mm)	
Packing dimension	45" x 57" x 58" (1150 x 1450 x 1480mm)	
N.W. /G.W.	500kgs (1100 lbs) / 700kgs (1540 lbs)	

# SK-200G

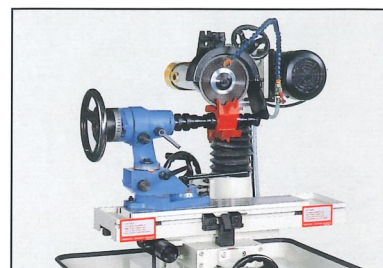
## CARBIDE TOOL GRINDER

### OUTSTANDING FEATURES:

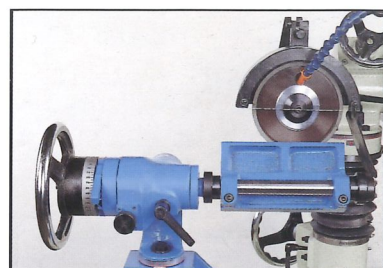
- This machine is suited for general knives with high efficiency.
- Grinding not only for cutter, but also for saw blade, carbide knife & router bit.
- Rigidity of working table with good durability.
- The wheel guard and coolant tank are stainless.



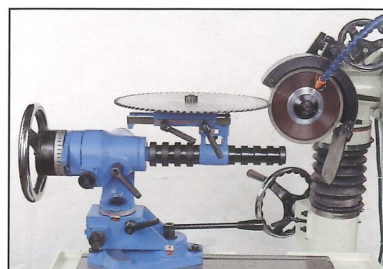
Working table equipped with linear bearing sets.



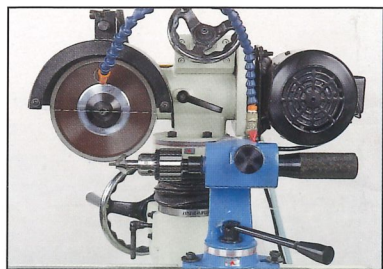
Grinding cutter



Grinding carbide knife



Grinding saw blade (simple type)



Grinding router bit (simple type)

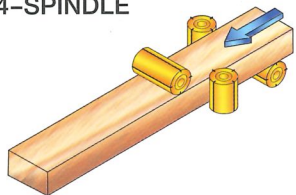
MODEL	SK-200G	
Grinding capacity (Dia. x L)	Cutter (Dia. x W)	ø9" x ø9" (ø230 x 230mm)
	Saw blade (Dia. x T)	ø20" x 3/8" (ø508 x 9.5mm)
	Carbide knife (L x W x T)	8" x 1-1/2" x 1/4" (200 x 38 x 6.5mm)
	Router bits (shank)	ø1/2" (ø13mm)
Working table (Max.)	12" (300mm)	
Diamond grinding wheel size (Dia. x bore)	ø150 x ø16mm	
Speed of grinding wheel	4600RPM	
Grinding wheel motor	1HP	
Cooling motor	1/8HP	
Machine dimension	31" x 34" x 54" (790 x 870 x 1370mm)	
Packing dimension	37" x 40" x 61" (940 x 1020 x 1550mm)	
N.W. /G.W.	300kgs (660 lbs) / 430kgs (946 lbs)	



# A variety of spindle configuration

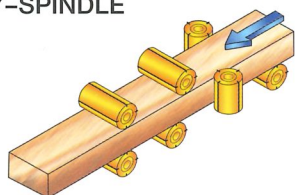
**KPM-230S/KP4-230S**

4-SPINDLE



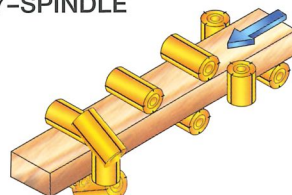
**SK-907S**

7-SPINDLE



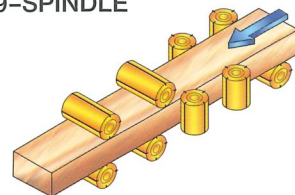
**SK-907US with Universal**

7-SPINDLE



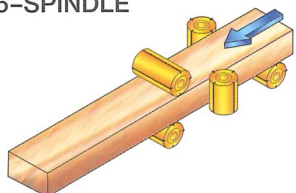
**SK-909S**

9-SPINDLE



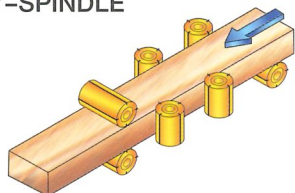
**KP5-230E/KP5-230S**

5-SPINDLE



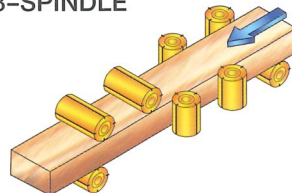
**SK-907S**

7-SPINDLE



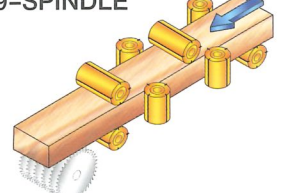
**SK-908S**

8-SPINDLE



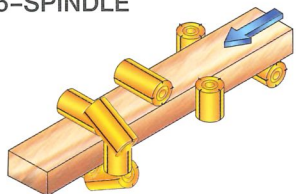
**SK-909S**

9-SPINDLE



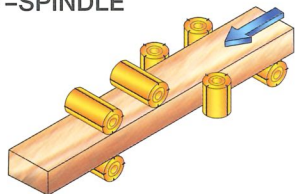
**KP5-230US with Universal**

5-SPINDLE



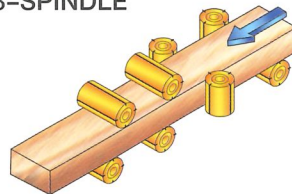
**SK-907S**

7-SPINDLE



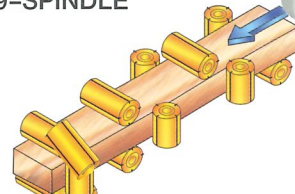
**SK-908S**

8-SPINDLE



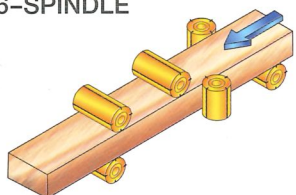
**SK-909US with Universal**

9-SPINDLE



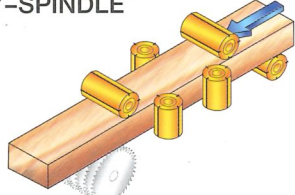
**KP6-230S/KP6-230E/SK-622**

6-SPINDLE



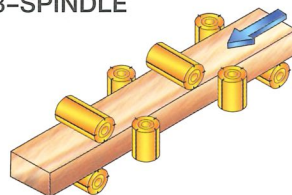
**SK-907S**

7-SPINDLE



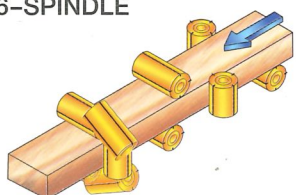
**SK-908S**

8-SPINDLE



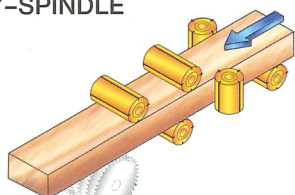
**KP6-230US with Universal**

6-SPINDLE



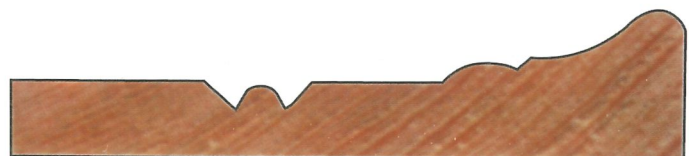
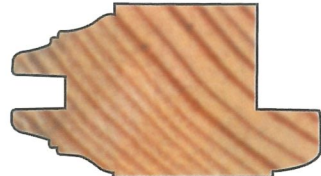
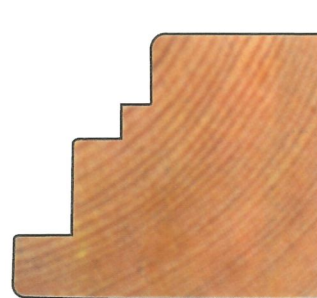
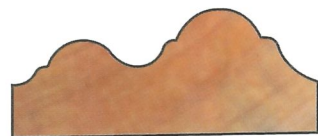
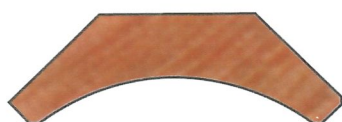
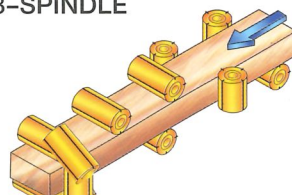
**SK-907S**

7-SPINDLE



**SK-908US with Universal**

8-SPINDLE



## SPECIFICATIONS:

MODEL		SK-909US	SK-907S	KP6-230S	SK-622	KP5-230E	KPM-230S
Moulding capacity	Width	15-230mm (9/16"-9")	15-230mm (9/16"-9")	15-230mm (9/16"-9")	15-220mm (9/16"-85/8")	15-230mm (9/16"-9")	15-230mm (9/16"-9")
	Thickness	10-125mm (7/16"-5")	10-125mm (7/16"-5")	10-125mm (7/16"-5")	10-125mm (7/16"-5")	10-125mm (7/16"-5")	10-125mm (7/16"-5")
	Min. Length of Workpiece	250mm (10")	250mm (10")	250mm (10")	250mm (10")	250mm (10")	250mm (10")
Cutting circles	First bottom spindle	Ø100-160mm (4"-65/16")	Ø100-160mm (4"-65/16")	Ø100-160mm (4"-65/16")	Ø100-150mm (4"-6")	Ø100-150mm (4"-6")	Ø100-125mm (4"-5")
	All others	Ø100-200mm (4"-8")	Ø100-200mm (4"-8")	Ø100-200mm (4"-8")	Ø100-180mm Except 6th Ø100-200mm (4"-8")	Ø100-180mm (4"-8")	Ø100-140mm (4"-59/16")
Spindle Diameter	(ø50 optional)	Ø40MM	Ø40MM	Ø40MM	Ø40MM	Ø40MM	Ø40MM
Spindle speed		6000rpm	6000rpm	6000rpm	6000rpm	6000rpm	6000rpm
Basic motor size (motor increase available)	Each horizontal spindle	7.5HP	7.5HP	7.5HP	7.5HP	7.5HP	7.5HP
	Each vertical spindle	7.5HP	7.5HP	7.5HP	7.5HP	7.5HP	7.5HP
	First top spindle	10HP	10HP	10HP	10HP	10HP	10HP
	Feed drive	7.5HP	7.5HP	5HP	5HP	5HP	2HP
Feed speed (speed increase available)		6-24 m/min	6-24 m/min	6-24 m/min	6-24 m/min	6-24 m/min	6-24 m/min
Feed roller	Dia. X I.D.	ø140 X 35mm (5 1/2" X 1 3/8")	ø140 X 35mm (5 1/2" X 1 3/8")	ø140 X 35mm (5 1/2" X 1 3/8")	ø140 X 35mm (5 1/2" X 1 3/8")	ø140 X 35mm (5 1/2" X 1 3/8")	ø140 X 35mm (5 1/2" X 1 3/8")
	Pressure	6 bar	6 bar	6 bar	6 bar	6 bar	6 bar
Length of infeed table		2000mm (6'5")	2000mm (6'5")	1500mm (5')	1500mm (5')	1500mm (5')	1500mm (5')
Machine dimension		6200 X 2000 X 2000mm (20'3" X 6'5" X 6'5")	5100 X 2000 X 2000mm (16'6" X 6'5" X 6'5")	3850 X 2000 X 2000mm (12'6" X 6'5" X 6'5")	3970 X 1700 X 1700mm (13' X 5'5" X 5'5")	3500 X 1900 X 1900mm (11'5" X 6'2" X 6'2")	3150 X 1900 X 1900mm (10'3" X 6'2" X 6'2")
Packing dimension		6400 X 2100 X 2100mm (21' X 6'9" X 6'9")	5300 X 2100 X 2100mm (17'4" X 6'9" X 6'9")	4050 X 2100 X 2100mm (13'3" X 6'9" X 6'9")	4170 X 1800 X 1800mm (13'7" X 5'9" X 5'9")	3700 X 2000 X 2000mm (12'1" X 6'6" X 6'6")	3350 X 2000 X 2000mm (11' X 6'6" X 6'6")
New weight		7200kgs (15840 lbs)	6000kgs (13200 lbs)	5100kgs (11220 lbs)	4000kgs (8800 lbs)	4000kgs (8800 lbs)	2600kgs (5720 lbs)
Gross weight		8000kgs (17600 lbs)	6700kgs (14740 lbs)	5600kgs (12320 lbs)	4500kgs (9900 lbs)	4500kgs (9900 lbs)	3000kgs (6600 lbs)

■ All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.

### OPTIONAL DEVICE:

- CE Certification.
- CSA Standard.
- Programmable controller for each spindle.
- CNC controller with memories for each spindle.
- Short stock top feed roller
- Automatic lubricator for table.
- Frequency inverter controlled feed speed to 45 M/Min
- Feeding magazine.
- Higher speed spindle RPM.
- Horsepower increase.
- Outboard bearing for horizontal spindle(s).
- Motor brakes for spindles.
- Top head simultaneous and independent adjustment with feed rollers.
- Pneumatic cylinder pressure for chipbreaker before top spindle.
- Pneumatic cylinder pressure for lateral roller at the infeed.
- Pneumatic cylinder pressure for the lateral roller against the fenceside head.
- 2 1/2 meter infeed table.
- Cutterhead set-up stand.
- Larger cutting circle available.
- Grooved table for short workpiece.
- 250mm(10"), 300mm(12"), 450mm(18"), wide moulder.
- Jointer device for straight & profile knives on each spindle.
- Special spindle configuration under customer's request.



 **SK MACHINERY**

**SHUN KUANG MACHINERY FACTORY**

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