



FE-623

OPTIONAL EQUIPMENT

- *Pneumatic auto lumber feeding device.
- *Tilting universal cutting spindle device.
- *Reinforced outer upper cutting spindle.
- *Frequency inverter for feed 6-60 m/min.



OUTSTANDING FEATURES:

- * The table surface is made up of high ductile cast iron. The cutterhead guard plate is made of HSS steel and vacuum heat treated, hard chrome plated and precision ground for smooth wear resistance.
- * Elevation, cutter adjustment, lubrication and maintenance are all conveniently processed at the front of the machine, saving time and labor.
- * The feeding sizing adjustment of cutters is done through a numerical display control, allowing for convenient and rapid setting.
- * The machine is equipped with overload protection device for cutters. If an overload occurs, the feeding motor and all cutters will stop within 3 seconds, providing safety to the operator and extending the service life of the machine.
- * The Feeding roller utilizes pneumatic feeding and is coupled with gearbox for synchronous, powerful feeding effect.
- * The feeding can be operated in jog mode, for accurate and precise test runs.
- * The table surface adopts newly designed pneumatic lubrication for feeding, for easy feeding of all types of lumber.
- * The rear lower spindle can be installed with a gang rip saw, flat knife or forming cutter, according to processing needs.



LIFTABLE AUXILIARY FEED ROLLER

- *The right spindle is equipped with an auxiliary feed roller which can be lifted through air cylinder, providing convenient tool changing or setting.



PNEUMATIC AUTO LUMBER FEEDING DEVICE (Optional)

- *Provides automated, fast end safety cutting operations.



REINFORCED OUTER SPINDLE SUPPORT (Optional)

- *The spindle is available to equip with an outside support for upgrading stability while cutting.



MAXIMUM TABLE WEAR RESISTANCE

*The cutterhead guard plate is manufactured from high speed steel, vacuum heat treated. The entire table surface is hard chrome plated for maximum wear resistance.

*The table surface has a pneumatically activated forced lubrication device. This permits feeding with ease even for wet material.



UNIVERSAL SPIINDLE (Optional)

*The last spindle can be equipped with a universal spindle allowing complicated profile machining. The universal spindle may be tilted. It also provides functions such as top, bottom and vertical spindles.



POSITIVE FEED EFFECT

*The feeding mechanism consists of multiple air loaded feed rollers combined with lower rollers transmitted by universal joint shafts. The upper and lower rollers are driven synchronously to assure superior feeding effect.



GROOVED TABLE

*Especially ideal for short stock machining. The grooved table is optional.



RETRACTABLE PRESSURE PLATES

*The front and rear pressure plates on the upper cutterhead and the front pressure plate are retractable to ensure stability and safety when cutting material of excessive height.



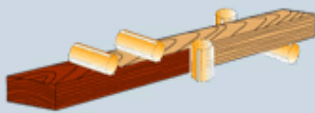
ROUTER SPIINDLE (Optional)

*The machine can be equipped with top, bottom, right and left router spindle. They permit direct slot milling in a single pass after moulding.

ILLUSTRATION FIGURES FOR COMPREHEISIVE CUTTING SPIINDLE APRAY



www.hoechsmann.com

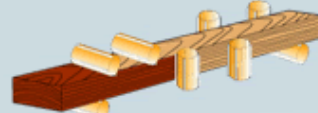


FE-523T



FE-723U

Universal cutter spindle.



FE-823

Specifications:

MODEL	FE-423	FE-523	FE-623
No. of cutting spindles	4	5	6
Max. moulding height	160	160	160
Max. moulding width	230	230	230
Rev. speed of cutting spindle	7200 RPM	7200 RPM	7200 RPM
Cutting spindle dia.	40	40	40
Cutting head dia.	Ø100~160	Ø100~160	Ø100~160
Max. cutting dia. of upper spindle	Ø180	Ø180	Ø180
Max. cutting head dia. of rear lower spindle	-	Ø255	Ø255
Feeding speed	6-36 m/min (variable)		
Feeding roller dia.	Ø140	Ø140	Ø140
Feed roller width	100	100	100
Adjusting range for straight table & guide plate	10	10	10
Straight table length	2000	2000	2000
Elevation adjustment range of vertical spindle	30	30	30
Cross adjusting range of horizontal spindle	30	30	30
Power Required (Standard) HP	Front Lower Spindle	7 1/2 HP	7 1/2 HP
	Right Vertical Spindle	7 1/2 HP	7 1/2 HP
	Left Vertical Spindle	10 HP	10 HP
	Front Upper Spindle	10 HP	10 HP
	Rear Upper Spindle	-	-
	Rear Lower Spindle	-	7 1/2 HP
Machine size	3240x1630x1750mm	3560x1830x1750mm	4220x1830x1750mm
Measurements	3560x1900x2000mm	4100x1900x2000mm	4610x1900x2000mm
N.W./G.W.	2900/3400kgs	3200/3800kgs	3500/4300kgs

* Note: The manufacturer reserves the right to modify the design, specifications, mechanisms, etc. without prior notice.

www.hooy.com