

GRS-320S Short Multiple Rip Saw

Especially ideal for reclamation of short wood waste.

A unique cutting capacity- As short as 8cm!

Turn your wood waste into usable material.

This machine is designed for easy cutting of short stock, creating value out of wood waste.

The unit can also cut long stock.

- The rail exclusively designed to avoid damaging the wood.
- Pressure rolls, supported on both sides, hold stock stably and evenly.
- Entire head mechanism features powered raising and lowering.
- Variable feed speed permits the cutting of a variety of stock, hard or soft, thick or thin.
- Double top and single bottom anti-kickback fingers, plus a side guard, provide perfect safety for the operator.
- Double-side suspension supported pressure plate. This design also helps prevent cracked or broken workpieces from damaging the saw arbor or sawblade.
- Great throat capacity: 780mm from Chain Center to Arm.



HOLYTEK

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EXCLUSIVE TRACK DESIGN

The plastic plate on the track is specially designed for easy replacement, while providing a positive feeding effect without damaging the workpiece surface. The "White Dog Plate" is specially designed for an excellent, smooth feeding effect on short workpieces.

Work on longer workpieces is simply achieved by replacing the plate.



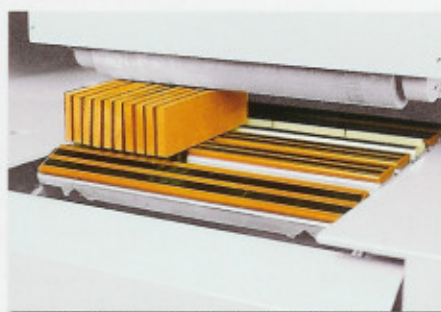
ASSISTANT PRESSURE ROLLER

With assistant pressure roller, supply long timber cutting function.



EXTREMELY SMOOTH FEEDING EFFECT

The plates and dogs can be easily fitted onto the track at the desired distance. The specially designed feeding mechanism permits the smooth feeding of short workpieces without jamming.



HIGH PRODUCTION CAPABILITY

The GRS-320S can handle short workpieces, with a minimum length of just 8cm, at a very high rate of production.

SPECIFICATIONS

Model	GRS-320S
Max. cutting thickness	130 mm
Max. cutting width	320 mm
Min. length of cut	80 mm
Short working limit ratio thickness per length	2:5
Max. infeed width	780 mm
Sawblade diameter (Cutting thickness)	Ø 255 (10~50), Ø 305 (10~80) Ø 355 (10~105), Ø 405 (10~130)
Sleeve diameter (Sawblade bore diameter)	Ø 70 mm
Sawblade keyway	20 mm (W) x 2
Distance between keyways	80 mm
Spacing collar diameter (I.D./O.D.)	Ø 70 / Ø 95 mm
Feed speed (Variable)	6~24 M/min
Spindle speed	3200 RPM
Saw drive motor	50 HP (30 HP, 60 HP, 75 HP opt.)
Feed drive motor	2 HP (3 HP opt.)
Head elevation motor	1/4 HP
Table area (L x W)	1800 x 880 mm
Table height from floor	850 mm
Dust hood outlet dimensions	Ø 152 mm (6") x 2
Machine dimensions (L x W x H)	2650 x 1500 x 1800 mm
Packing dimensions (L x W x H)	2400 x 1800 x 2100 mm
Net weight	(Approx) 2450 kgs
Gross weight	(Approx) 2850 kgs



GRS-300 Multiple Rip Saw

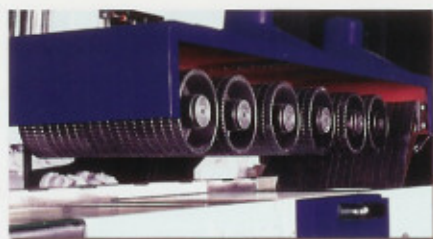
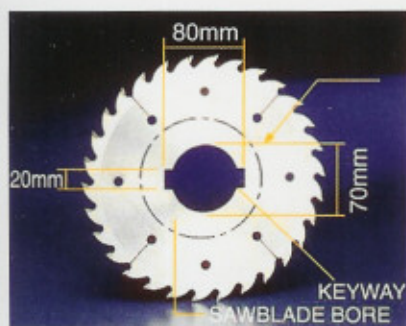
*Perfectly suited for cutting furniture parts and
lumber cores. Minimum length 230mm*

**Roller feeding design incorporated with
bottom cutting for fast and stable ripping
performance on core panels.
Synchronized running for top and bottom
feed.**

10 rollers ensure smooth feeding effect.

- Upper feed roller is individually loaded with air cylinders. Double pressure adjustment.
- Powered elevation of pressure roller.
- Overcutting protection for sawblade and powered elevation.
- Three layers of anti-kickback fingers provide maximum safety.
- Exclusive, convenient sawblade replacement.
- Synchronized running for top and bottom feed. 10 rollers ensure a smooth feeding effect.





SYNCHRONIZED RUNNING FOR TOP AND BOTTOM FEED

10 rollers ensure smooth feeding effect



CONVENIENT, ACCURATE SAWBLADE REPLACEMENT

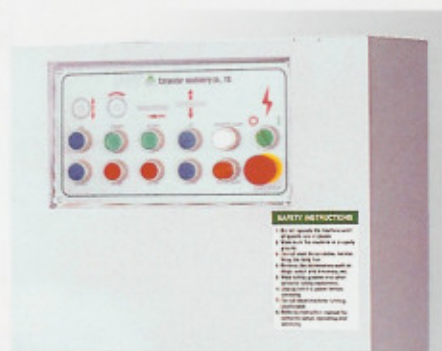
An independent shaft is provided in the machine frame for convenient, accurate and time saving sawblade replacement.

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CENTRALIZED CONTROL PANEL

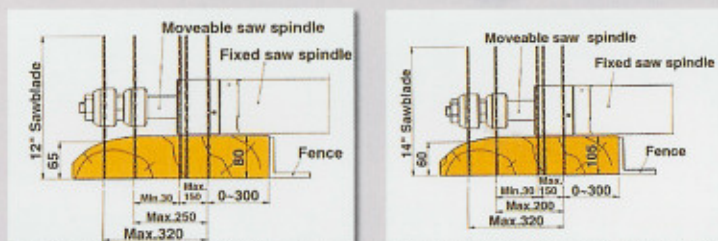
All of the machine's operational controls are located in a centralized panel with an ergonomic switch layout. The control panel is situated to be easily accessible from the normal working position and offers easy control of operations.

SPECIFICATIONS

Model	GRS-300
Max. cutting width	300 mm
Min. length of cut	230 mm
Cutting thickness	10~125 mm
Feed speed (Variable)	6~24 M/min
Sawblade keyway	20 mm (W) x 2
Distance between keyways	80mm
Sawblade diameter (Cutting thickness)	Ø 255 (10~45), Ø 305 (10~70), Ø 355 (10~105), Ø 406 (10~125) mm
Saw spindle diameter	Ø 50 mm
Sleeve diameter (Sawblade bore diameter)	Ø 70 mm
Spacing collar diameter (I.D./O.D.)	Ø 70 mm / Ø 95 mm
Spindle speed	3600 RPM
Saw drive motor	30 HP (40 HP, 50 HP, 60 HP opt.)
Feed drive motor	3 HP
Pressure roller elevation motor	1/4 HP / 6 P
No. of pressure roller	10
Dust hood outlet dimensions	Ø 125 mm (5") x 2, Ø 152 mm (6") x 2
Table area (L x W)	2700 x 345 mm
Table height form floor	850 mm
Machine dimensions (L x W x H)	2780 x 1300 x 1620 mm
Packing dimensions (L x W x H)	2900 x 1500 x 1850 mm
Net weight	(Approx) 1950 kgs
Gross weight	(Approx) 2400 kgs

GRS-320B Adjustable Distance Double & Multiple Rip Saw

*Variable width setting through blade positioning.
Your best choice for panel trimming.*



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POWERED FENCE

The fence is driven by a motor incorporated with a precision ball screw, providing convenient width of cut setting. Digital display accurately indicates the fence travel.



- Patented movable cutting head and trimming device.
- Patented feeding mechanism.



SIMULTANEOUS TRIMMING OF BOTH SIDES

Both sides can be trimmed in a single feed, upgrading product efficiency.



ISOLATED CONTROL BOX

The control panel provides digital displays for sawblade traverse, pressure roller elevation, and feed rate. They can be adjusted and controlled from the control panel.



EXCLUSIVE CONCENTRIC BLADE MOVING DESIGN

The sawblade movement is totally concentric, ensuring perfect cutting accuracy of parallelism.

The machine combines both trimming and multiple rip saw functions.

Your profitable production partner for material trimming, modification and preparation.

- The control box is isolated for easy access in different operation locations.
 - Powered fence with digitally displayed value for convenient width of cut setting.
 - Powered outfeed roller conveyor table.
 - Both sides can be trimmed in a single feed, thus upgrading production efficiency.
 - The position of the movable sawblade can be accurately controlled from the control panel for fast and convenient adjustment.
 - Sawblade movement is driven through a precision ball screw, incorporated with a linear motion slideway for accurate, effortless traverse.
 - Exclusive laser projection system ensures accuracy.
 - Digital display for sawblade traverse. Both metric and inch displays are available.
 - Pressure rolls, supported on both sides, hold stock stably and evenly.
 - Entire pressure roller mechanism features powered raising and lowering.
 - Specially designed chain ensures positive workpiece feeding and provides permanent straight line ripping accuracy.
 - Variable feed speed permits the cutting of a variety of stock, hard or soft, thick or thin.
 - Double top and single bottom anti-kickback fingers, plus a side guard, provide excellent safety for the operator.
 - Double-side suspension supported pressure plate.
- This design also helps prevent cracked or broken workpieces from damaging the saw arbor or sawblade. (For Multiple saw)



SPINDLE SPAACING COLLAR

When using the multiple rip saw, a spacing collar should be installed. The dimensions will depend on the workpiece size. (Optional)

SPECIFICATIONS

Model	GRS-320B
Max. cutting width / thickness (Trimming)	320 / 65 mm, 300~200 / 75 mm, 200~130 / 105 mm
Max. distance between saws	30~320 mm (Trimming), 320 mm (Muliti-saw)
Min. length of cut	700 mm (Trimming), 680 mm (Muliti-saw)
Max. infeed width	780 mm
Feed speed(Variable)	9~36 M/min
Sawblade keyway	20 mm (W) x 2
Distance between keyways	80 mm
Sawblade diameter / cutting thickness (Trimming)	Ø 305 (10~65) mm
Sawblade diameter / cutting thickness (Muliti-saw)	Ø 305 (10~80), Ø 355 (10~105) mm
Saw spindle diameter	Ø 55 mm
Sleeve diameter (Saw blade bore diameter)	Ø 70 mm
Spacing collar diameter (I.D / O.D)	Ø 70 / Ø 95 mm
Spindle speed	3400 RPM
Saw drive motor	50 HP, (30 HP, 60 HP, 75 HP opt.)
Feed drive motor	2 HP (3 HP opt.)
Head elevation motor	1/4 HP
Saw adjustment motor (electric brake)	Servo 1 HP
Fence motor	1/2 HP
Front roller conveyor size (Driven)	420 x 2750 mm
Front roller conveyor weight	500 kgs
Rear roller conveyor size (Driving)	420 x 2750 mm
Rear roller conveyor weight	500 kgs
Dust hood outlet diameter	Ø 152 mm(6") x 2
Table area (L x W)	1900 x 900 mm
Table height from floor	850 mm
Roller conveyor packing size	3170 x 1300 x 2100 mm
Roller conveyor packing weight	1200 kgs
Machine dimensions (L x W x H)	2450 x 2000 x 1800 mm
Machine packing size (L x W x H)	2300 x 2300 x 2100 mm
Net weight	(Approx) 2680 kgs
Gross weight	(Approx) 2980 kgs