

KUANG YUNG[®]

SINCE 1960



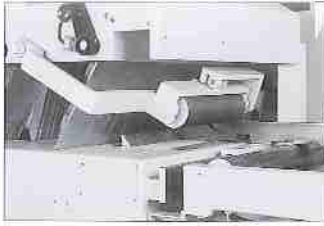
MULTIPLE RIP SAW

Kuang Yung multiple rip saws have a high reputation for their design excellence. Each Kuang Yung machine is designed to perform efficient cutting operations, and to perform with unsurpassed quality and reliability.

KUANG YUNG MACHINERY

MULTIPLE RIP

MRS-700 DOUBLE ARBOR MULTIPLE RIP SAW



The pneumatic infeed roller is especially ideal for feeding heavy workpieces. 5 rows of anti-kickback fingers (two rows independently mounted, one row at the table, and two rows at the feed roll) prevent workpiece kickback.



This machine is designed and engineered for first and second stage of material preparation after log is cut. Ideally suited for pallet, building materials, and door frame manufacturing. It provides great cutting capacity up to 220mm thick, and can replace a band saw.



Common Features of Multiple Rip Saws to MRS-12,



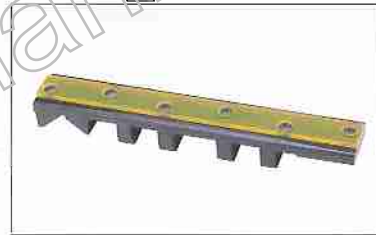
LINK CHAIN FEED

The link chain blocks are made of special cast iron. The high-grade steel connecting pins are heat treated and precision ground. Each precisely made part guarantees straight line dip feeding even at high speeds.



VARIABLE FEED SPEED

The variable feed speed allows for cutting various stock materials, and can be easily adjusted by the handwheel at the stock infeed position.



PU PLATED FEED CHAIN BLOCK (OPTIONAL)

The PU plated chain block is used to prevent damage to the workpiece surface.



SELF LUBRICATION

The central lubrication system creates a permanent oil film between guide rails. If there is insufficient oil, the warning lamp lights up, stops running automatically, and extends the service life of the link chain.

MRS-350 MULTIPLE RIP SAW

This ruggedly constructed multiple rip saw is designed for powerful and heavy duty cutting operations. Driven by a 90HP motor making it ideal for cutting hard wood materials.



PRESSURE PLATE FOR SHORT OR THIN STOCK



POWERFUL FEEDING ROLLER CONVEYOR (Optional)

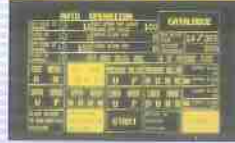
The feeding conveyor utilizes powerful upper and lower toothed infeed rollers, improving safety and efficiency when working with heavy workpieces.

MRS-300 MULTIPLE RIP SAW

This MRS-300 is suited for cutting construction wood materials. Especially ideal for cutting long wood materials. Maximum thickness of cut up to 220mm.

SAW

Powerful Features of PLC Controller (Optional)



CATALOGUE DISPLAY



TROUBLESHOOTING DISPLAY



SAWBLADE SIZE AND WOOD THICKNESS SELECTION



AMPERAGE SETTING DISPLAY



Human / Machine Interface (Picture shown is optional)

The machine employs a powerful PLC for user friendly operations. It also features self diagnostic function for convenient troubleshooting.

The touch sensing screen gives convenience for operation control.



MRS-300, MRS-350



FOR MRS-12, MRS-300
The central lubrication system ensures a permanent oil film between the chain and the guide rails. It varies the oil volume according to the cutting requirements of various kinds of wood. If there is insufficient oil in the oil tank, the warning lamp lights up, and the link chain stops running automatically. This fully ensures the service life of the link chain and rails.



DIGITALLY-CONTROLLED LUBRICATOR FOR LINK CHAIN (MRS-350 only)

The central lubrication system ensures a permanent oil film between the chain and the guide rails. It varies the oil volume according to the cutting requirements of various kinds of wood. If there is insufficient oil in the oil tank, the warning lamp lights up, and the link chain stops running automatically. This fully ensures the service life of the link chain and rails.



ELECTRICAL AMPERAGE DISPLAY (Optional)

For overload protection of the saw motor. If the load of the saw motor exceeds the rated amperes, the link chain slows down automatically. This prevents the stock push from damaging the saw arbor or damaging the sawblades.



LASER DEVICE (OPTIONAL)

Provides convenient positioning of cut, which reduces material waste to a minimum.

MULTIPLE RIP SAW

MRS-12 MULTIPLE RIP SAW



0mm.



Each three rows of pressure rollers at the front and rear, combined with a specially designed pressure plate, make it possible to feed panels of 300mm minimum length.

Designed and engineered for lumber cores, finger jointed panels and material preparation in furniture factories. The machine provides extremely high accuracy cutting performance.

SPECIFICATIONS:

Model	MRS-700	MRS-350
Max. cutting thickness	220 mm (8.661")	120 mm (4.724")
Max. cutting width	350 mm (13.779")	350mm (13.78")
Distance from column to link chain center	345 mm (13.583")	380 mm (14.961")
Mini. working length	900 mm (35.433")	650 mm (25.591")
Max. sawblade diameter	Ø350 mm (14")	Ø380 mm (15")
Mini. sawblade diameter	Ø250 mm (10")	Ø250 mm (10")
Sawblade bore	Ø70 mm (2.756")	Ø70 mm (2.756")
Saw arbor diameter	Ø55 mm (2.165")	Ø55 mm (2.165")
Saw arbor speed	3500 rpm	3800 rpm (50, 60HP) / 3000 rpm (75HP)
Saw arbor motor	2 x 50, 60, 75 or 100 HP	50, 60, 75, 90 HP
Variable feed speed	4-25 M/min (13'-82'/min)	7.5-30 M/min (24'-98'/min)
Variable feed speed (for electrical amperage display)	-	2.5-24 M/min (8'-79'/min)
Feed motor	5 HP	2 HP (3HP on request)
Hold down roller elevating motor	1 HP	1 HP
Table height	740mm (29.133")	745 mm (29.331")
Table area (LxW)	2630mm x 750mm (104"x29")	1840mm x 770mm (72"x 31")
Overall dimensions (LxWxH)	2700 x 2400 x 1620mm (106"x94"x64")	2340x1600x1510mm (92"x63"x59")
Packing dimensions (LxWxH)	2970 x 2520 x 1900 mm (117"x 99"x75")	2090x1750x1600 mm (82"x69"x63")
Net weight	5150 kgs	2400 kgs
Gross weight	5600 kgs	2700 kgs

Model	MRS-300	MRS-12
Max. cutting thickness	110 mm (4.331")	85 mm (3.346")
Max. cutting width	300 mm (11.811")	300 mm (11.811")
Distance from column to link chain center	360 mm (14.173")	360 mm (14.173")
Mini. working length	500 mm (19.685")	300 mm (11.811")
Max. sawblade diameter	Ø350 mm (14")	Ø300 mm (12")
Mini. sawblade diameter	Ø250 mm (10")	Ø200 mm (8")
Sawblade bore	Ø70 mm (2.756")	Ø70 mm (2.756")
Saw arbor diameter	Ø50 mm (1.969")	Ø50 mm (1.969")
Saw arbor speed	3800 rpm	3800 rpm
Saw arbor motor	30, 40, 50 HP	30, 40, 50 HP
Variable feed speed	7.5-30 M/min (24'-98'/min)	7.5-30 M/min (24'-98'/min)
Variable feed speed (for electrical amperage display)	2.5-24 M/min (8'-79'/min)	2.5-24 M/min (8'-79'/min)
Feed motor	2 HP (3HP on request)	2 HP (3HP on request)
Hold down roller elevating motor	-	-
Table height	740 mm (29.134")	740 mm (29.134")
Table area (LxW)	1530 mm x 760mm (60"x30")	1530mmx 760mm (60"x30")
Overall dimensions (LxWxH)	1930x1500x1350mm (76"x 59"x 53")	1930x1500x1350mm (76"x59"x53")
Packing dimensions (LxWxH)	1800x1700x1600 mm (71"x67"x63")	1800x1700x1600 mm (71"x67"x63")
Net weight	1850 kgs	2000 kgs
Gross weight	2100 kgs	2250 kgs

■ We reserve the right to amend any of the above specifications without prior notice.



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