

# SPECIFICATIONS:

Model	YL-MRS-700	YL-MRS-350
Max. cutting thickness	220 mm (8.661")	135 mm (5.315")
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")	Ø405 mm (16")
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, 60 HP) / 3000 rpm (75, 100 HP)
Saw arbor motor	2 x 50, 60, 75, 100 HP or 125 HP	50, 60, 75, 100 HP
Variable feed speed	-	7.5 ~ 30 M/min (24' ~ 98'/min)
Variable feed speed (for electrical amperage display)	4 ~ 25 M/min (13' ~ 82'/min)	2.5 ~ 24 M/min (8' ~ 79'/min) (optional)
Feed motor	5 HP	2 HP (3 HP on request)
Hold down roller elevating motor	0.5 HP	0.5 HP
Table height	840 mm (33.07")	745 mm (29.331")
Table area (LxW)	2630 mm x 750 mm (104" x 29")	1840 mm x 770 mm (72"x31")
Overall dimensions (LxWxH)	2700 x 2400 x 1720mm (106"x 94" x 68")	2400 x 1648 x 1580 mm (95" x 65" x 71")
Packing dimensions (LxWxH)	2970 x 2520 x 1900 mm (117"x 99"x 75")	2090 x 1750 x 1800 mm (82" x 69" x 70.9")
Net weight	5150 kgs	2400 kgs
Gross weight	5600 kgs	2700 kgs

Model	YL-MRS-300	YL-MRS-12
Max. cutting thickness	120 mm (4.724")	85 mm (3.346")
Max. cutting thickness (w/short stock device)	95 mm (3.74") (optional)	70 mm (2.756") (optional)
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")	400 mm (16")
Mini. working length (w/short stock device)	300 mm (11.811") (optional)	200 mm (7.874") (optional)
Max. sawblade diameter	Ø380 mm (15")	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, 60 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) (optional)	2.5 ~ 24 M/min (8' ~ 79'/min) (optional)
Feed motor	2 HP (3 HP on request)	2 HP (3 HP on request)
Hold down roller elevating motor	0.5 HP	0.5 HP
Table height	850 mm (33.46")	850 mm (33.46")
Table area (LxW)	1530 mm x 760 mm (60" x 30")	1530mm x 760mm (60" x 30")
Overall dimensions (LxWxH)	1930 x 1500 x 1722 mm (76" x 59" x 67.8")	1930 x 1500 x 1646 mm (76" x 59" x 64.8")
Packing dimensions (LxWxH)	1720 x 1690 x 1820 mm (67.72" x 66.54" x 71.65")	1730 x 1670 x 1900 mm (68.11" x 65.75" x 74.8")
Net weight	2050 kgs	2050 kgs
Gross weight	2350 kgs	2350 kgs

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



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# MULTIPLE RIP SAW

## Powerful Features of PLC Controller (Optional)



## YL-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.



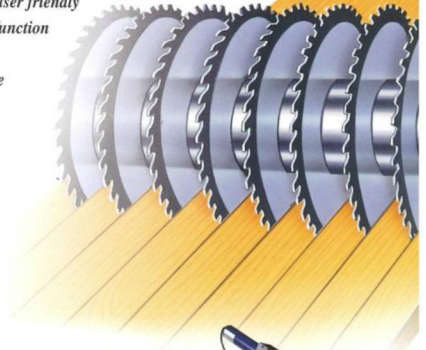
This machine is designed and engineered for the first and second stages of material preparation after log is cut. Ideally suited for pallet, building material, and door frame manufacturing. It provides great cutting capacity up to 220mm thick, and can replace a band saw.



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.



## Common Features of Multiple Rip Saws to YL-MRS-12 / YL-MRS-300 / YL-MRS-350



**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.



**SHORT AND THIN PIECE CUTTING**  
Each two rows of pressure rollers at the front and rear, combined with a specially designed pressure plate, make it possible for short or thin stock.



**Replaceable Chain Block with Casting Insert (OPTIONAL)**  
Easy to replace with chain block.



**Replaceable Chain Block with urethane insert (OPTIONAL)**  
This is used to prevent damage to the workpiece surface.



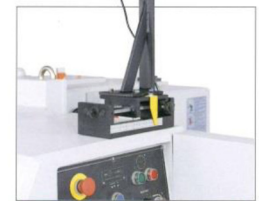
**ADJUSTABLE LUBRICATION FOR YL-MRS-12, YL-MRS-300**  
The adjustable central lubrication system ensures a permanent oil film between the chain and the guide rails. If there is insufficient oil in the oil tank, the warning lamp lights up, and the link chain stops running automatically. This fully ensures the service life of the link chain and rails.



**DIGITALLY-CONTROLLED LUBRICATOR FOR LINK CHAIN (YL-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.

## YL-MRS-350 MULTIPLE RIP SAW

This ruggedly constructed multiple rip saw is designed for powerful and heavy duty cutting operations. Driven by a 75 HP motor making it ideal for cutting hard wood materials.



**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.



## YL-MRS-300 MULTIPLE RIP SAW



An upgrade of Kuang Yung's most popular model YL-MRS-300

## YL-MRS-12 MULTIPLE RIP SAW



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.

• New Designed Powered Holddown Roller Elevation (0.5 HP)

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