

## LAGUNA REVO 24|36 LATHE



### DESCRIPTION

The Laguna 24|36 Lathe is a woodturning lathe similar to the REVO 18|36. It is a bigger version, increasing the bowl turning capacity to a massive 610 mm diameter over the bed.

The Laguna 24|36 Lathe is equipped with an ergonomic panel with controls mounted in an anodized aluminium plate. The speed is smoothly controlled with a tactile rubber augmented knurled aluminium dial. In addition to the headstock control panel, the 24|36REVO has a secondary control panel which you can choose to mount onto the right-hand end of the bed or onto the tailstock.

The solid bed, with an impressive width of 208mm, is made of high-quality steel ASTM A36 (tougher than cast iron), and is precisely ground providing smooth travel of the headstock, tailstock and tool rest. The spindle is run by a highly efficient induction motor with a VFD frequency converter for high torque even at lower speeds. The speed range can be changed with a clever one-lever mechanism.

The headstock, tailstock and tool rest of the lathe are made from cast-iron securing minimum vibration and high comfort for turning of over sized pieces. Tailstock and Headstock cam lock levers are placed on the back of the machine and will not get in the way. All cam lock levers have soft grip handles and a long length resulting in a firm feel with no deflection.

A redesigned banjo features more compact design, 45° cut out, wider base, increased eccentric rod diameter and larger hanger resulting in a more solid feel when locking in place.

The cast iron floor stand has had the material thickness increased by 80%, over the 18|36REVO, to handle the extra weight and stability requirement.

A further upgrade is the front bearing which has a 30% higher load rating than the standard bearing.

### TECHNICAL SPECIFICATION

Motor	2200 W 3 hp 3 phase output
Power Supply	220-240 V 50 Hz 1 phase
Recommended Breaker	16 Amp
Swing Over Bed	600 mm
Swing Over Banjo	490 mm
Swing With Optional Expansion Set	800 mm
Distance Between Centres	910 mm
Between Centres Optional Expansion Set	1410 mm
Speed Range - High	50-1300 RPM
Speed Range - Low	135-3500 RPM
Drive Belt	Poly-Groove Drive Belt with quick change
Toolrest Length	305 mm
Tool Rest Stem Diameter	25.4 mm
Tool Rest Leading Edge	Hardened Steel
Headstock Spindle Taper	2MT
Headstock Spindle Thread	M33 x 3.5 mm (Right Hand)
Headstock Spindle Through Bore	9.5 mm
Headstock Spindle Indexing	14/36/48 positions with lock
Headstock Front Bearing	TPI Taiwan 6207 LLU
Headstock Rear Bearing	TPI Taiwan 6205 LLU
Tailstock Taper	2MT
Tailstock Quill Travel	114 mm Self Ejecting
Tailstock Through Bore	9.5 mm
Faceplate Diameter	75 mm
Floor to Spindle Centre	1130 mm
Assembled Dimensions (W x D x H)	1524 x 660 x 1327 mm
Shipping Dimensions (W x D x H)	1540 x 690 x 650 mm
Weight (Net/Ship)	254 kg/266 kg
Manufacturers Warranty	1 year
Assembly Time	2 hours (requires 2 people)

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### OPTIONAL ACCESSORIES

- **Swing Away Tailstock**

A fast and convenient way to move the tailstock out of the way is this hinged extension bed, which can quickly be unclipped and swings the bed and tailstock away.

- **Comparator**

The comparator set is a method of mounting a spindle to be copied so that it sits at eye level. The work piece can then be easily compared to the template.

- **Halogen Flood Light**

Dust proof ribbed aluminium case, swivels 320 degrees and provides bright glare free illumination on the work piece.

- **Heavy Duty Wheel Kit**

Attaches to each end of the floor stand. With foot lever action, assisted by a gas strut to take the weight, moving this heavy lathe around is a breeze.

### FEATURES

- Ergonomic panel with controls
- Anodised aluminium plate
- Speed indicator
- Solid bed
- Headstock, tailstock and legs are made of cast-iron
- All cam lock levers equipped with soft grip handles

### CONTROL PANEL



Control Panel with smooth variable speed control.

### POLISHED STEEL BED



Highly Polished Steel Bed - Tool Rest glides into position, locked with the soft grip cam lever.

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### SECONDARY CONTROL PANEL



Secondary Control Panel can also be mounted onto the tailstock.

### TOOL REST



305 mm (12") Wide Tool Rest with a round hardened steel edge.

### POWERFUL MOTOR



Powerful 2200 W (3 hp) 3 phase motor gives smooth variable speed control.

### POWER INVERTER



Power Inverter converts standard 240 V Electric Supply to 415 V for the 3 phase motor.

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