

## LAGUNA REVO 18|36 LATHE



### DESCRIPTION

The Laguna 18|36 Lathe is a woodturning lathe designed for the user. Strength, stability and control are at the heart throughout to satisfy true specialists and woodturning professionals.

The Laguna Revo 18|36 Lathe is equipped with an ergonomic panel with controls mounted in an anodised aluminium plate. The speed is smoothly controlled with a tactile rubber augmented knurled aluminium dial.

The solid bed and its impressive width of 208 mm, is made of high-quality steel ASTM A36 (tougher than cast iron) and is precisely ground providing smooth travel of the headstock, tailstock and toolrest. 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 legs of the lathe are made from cast-iron securing minimum vibration and high comfort for turning of oversized 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.

#### Supplied with:

- 2MT four prong drive centre
- 2MT revolving tail centre
- 75 mm diameter faceplate
- Knock-out bar
- Onboard storage for accessories
- Extension bed
- Wheel kit
- 1.8 m power cable with UK 3 pin plug

### TECHNICAL SPECIFICATION

Motor	1500 W 2 hp 3 phase output
Power Supply	220-240 V 50 Hz 1 phase
Recommended Breaker	16 Amp
Swing Over Bed	450 mm
Swing Over Banjo	340 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	1054 mm
Assembled Dimensions (W x D x H)	1524 x 690 x 1194 mm
Shipping Dimensions (W x D x H)	1540 x 690 x 710 mm
Weight (Net/Ship)	194 kg/206 kg
Manufacturers Warranty	1 year
Assembly Time	2 hours (requires 2 people)

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### OPTIONAL ACCESSORIES

- **Expansion Set**

The 500mm (20") extension bed fitted to the end of the main bed, increases the maximum spindle capacity to a huge 1410mm (56").

A riser block allows the tailstock to travel out to this full length. By sliding the headstock along to the end of the main bed, the bowl turning capacity is also increased to an impressive 800mm (32"). A tool rest post extension completes the set.

- **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.

### FEATURES

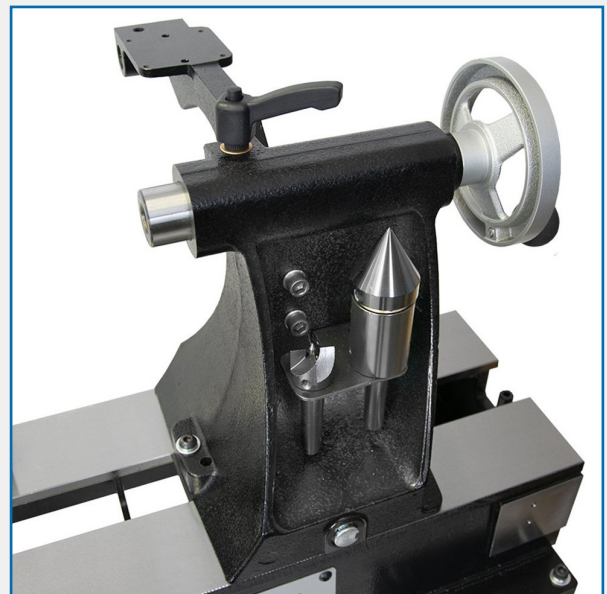
- Ergonomic panel with controls
- Anodised aluminium plate
- Speed indicator
- Solid bed
- Headstock, tailstock and legs are made of cast-iron
- All cam lock levers equipped with soft grip handles

### CONTROL PANEL



Control Panel with smooth variable speed control.

### STORAGE



On-board storage for centres.

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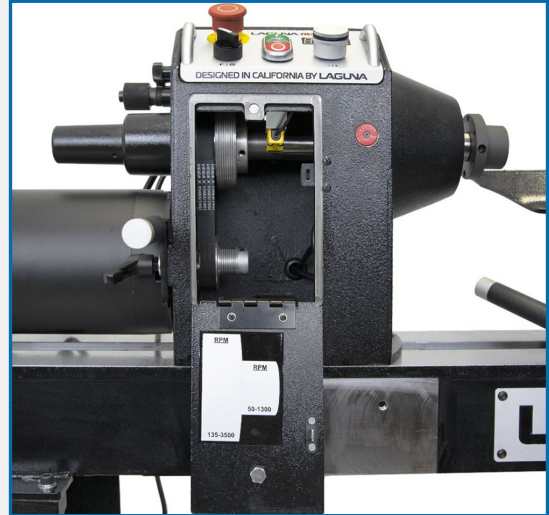
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### STRONG FOUNDATIONS



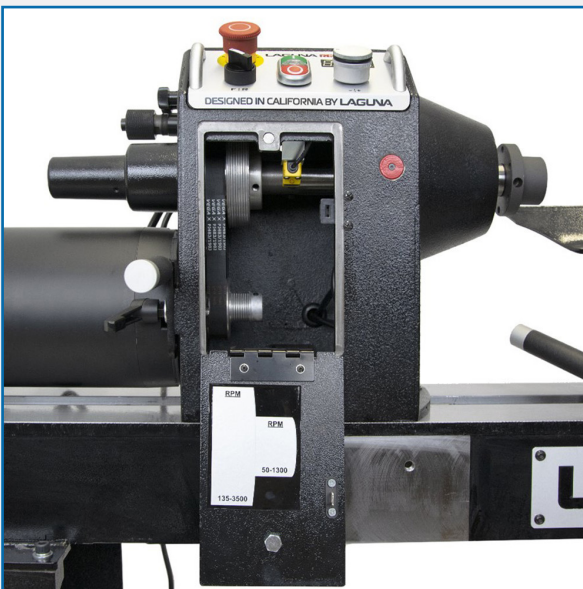
Strong foundations - polished solid steel bed, 208 mm (8") wide.

### ELECTRONIC VARIABLE SPEED



Combination of electronic variable speed control and 2 belts positions gives a speed range of 50-3500.

### SPINDLE INDEXING SYSTEM



Comprehensive Spindle Indexing System with 3 levels giving a choice of 14/36/48 locking positions.

### TOOL REST



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

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