



**12 Mth  
full warranty  
from JACKS.  
Trusted by Kiwi  
Tradesmen for  
60 years**

# Wood Lathe HM1642



- ✓ Rugged cast iron bed & legs absorb vibration
- ✓ Swivelling head for chuck or faceplate turning.
- ✓ Dial up electronic speed control with digital readout

- ✓ 2 speed ranges: torque just when you need it most - for large pieces at lower speeds.
- ✓ Long toolrest = less resetting. Very strong with quick locking.
- ✓ Incl live & spur centres, faceplate.

## SPECIFICATIONS\*

Max distance between centres	1080mm
Headstock swivel	Positive locations at 0°, 45°, 90°, 135°, 180° & 270°.
Max swing over bed	400mm max dia for faceplate/chuck work (unless swivelled outside bed).
Max swing over tool rest base	300mm max dia when turning between centres.
Speed ranges	Two dial up ranges: high speed 0-3200 rpm or high torque 0-1200 rpm.
Tool rest length	360mm heavy cast iron with eccentric lock.
Working height	1130mm from floor to spindle centre.
Head and tailstock taper	#2 Morse taper.
Headstock spindle thread	M33 x 3.5
Spindle indexing	12 location holes in spindle @ 30° plus 3 in headstock casting, 20° apart.
End boring capacity	Hollow headstock (15mm) & tailstock (10mm) for boring lamp bases etc.
Motor	1.5hp input single phase 50Hz - no more dying in the cut.
Net Weight (approx)	175kg - heavy construction absorbs vibration for high quality results

\* The Manufacturer reserves the right to amend specifications without notice

## ASK JACKS

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## More on SMI's HM1642 Wood Lathe



Controls are close at hand: rotary rpm control with illuminated digital readout, start/stop and rocker switch for direction of rotation. Reverse rotation is great for the final light sanding, especially on certain species including pine. Holes in headstock casting are for indexing of spindle.



The swivelling head and the heavy duty tool rest are ideal for faceplate and chuck turning. For work over 400mm dia, make a toolrest and work "outboard" with the headstock at 180°. A chuck is not included - ask Jacks about options.



The belt drive changes from high to low speed range in seconds from the front of the machine, keeping torque up when you need it most - for big pieces at low speeds. The inverter provides automatic braking. To index your work for fluting, carving or boring, flip up the blue cover and turn the spindle by hand until pin locates.



The cast iron tailstock slides freely but clamps rock solid to the machined bed casting. The steel clamp lever is 150mm long. Quill movement is 100mm - good for boring. Hollow spindle (10mm) enables deep boring for standard lamps using a ring steady & shell auger.

## The Jacks Way

Getting the right machine is important, but so is where you buy it. If you look around, you'll find other suppliers offering similar looking machines at similar prices, sometimes even a bit cheaper. So why buy from Jacks?

### **Jacks is for real.**

We've been here for over 60 years. If your home is post-war (WWII), we probably supplied the machines used by the builder and joiner. And the ones which made your furniture. We'll still be here when you need us. If you buy from a hole-in-the-wall company or a website with no address, who knows?

### **Jacks provides after sales service.**

Our Service Dept is bigger than Sales. Customers big and small all over NZ depend on us to keep their machines running. Jacks isn't a sell and forget company.

### **Jacks warranty really does protect you.**

Our warranty is the same whether your machine costs a million dollars or a thousand. It's on our website. Read the small print, and you'll find we give very full protection. Insist on a written warranty statement from the others. Then check to see what's excluded. You may get a surprise.

### **Jacks stock spare parts.**

We don't have every single part, but at last count, there were over 5,000 different parts in stock, worth more than \$2m. Ask to see them, if you like. Then ask the others.

### **At Jacks, we know what we're doing.**

When you're buying a machine, you want to deal with competent people. Jacks is full of "machinery people" who never do anything else. Average service length is over 12 years.

### **Jacks has a reputation to lose.**

The SMI models selected by Jacks are made in several Chinese factories. Our engineers go there and literally pull machines to pieces. Changes they order become part of a special model variant specific to Jacks. We pay more to get the build quality and specification level we require, because we have a 60 year old reputation to lose. So even if another machine looks the same, ask yourself the question: "Can I really be sure?" No, you can't.

### **At Jacks, we'll be competitive.**

Bulk buying keeps us competitive, despite the extra cost of doing business "the Jacks way". Sometimes our price might be a little more, but we think you'll find it reasonable, because we add value in many ways the others can't.

### **The Jacks way...**

We sell machines that don't come back, to customers who do. That's been the Jacks way for over 60 years. Some things never change.

perfect partners for your lathe are...



Ask Jacks about high quality turning tools: chisels, gouges with replaceable tips, bowl savers and other accessories.



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With the world's favourite wetstone grinding system, you can exactly replicate the shape and edge angle on all types of gouges and skewers. Ask about the new patented Turning Tool Setter TTS100! Video at [www.tormek.com](http://www.tormek.com)



ADVANCING EFFICIENCY  
IN WOODWORKING

**JACKS**

