Nova Cast Iron Stand

For safety reasons please carefully read and understand these instructions.

The Nova Cast Iron Stand was designed to fit and be used only for Nova Lathes. Use of the stand on other lathes could void the warranty, and risk personal injury.

The Nova Cast Iron Stand set comprises of two cast iron legs, one on either side, which are interchangeable. The Stand pieces are cast from a high grade of cast iron with extremely good section thickness and CAD generated internal gussets at all critical points to withstand extremely high stresses with practically no distortion. Cast iron has always been the material of choice for wood lathe construction because of its inherent mass and excellent modulus of vibration dampening.

Parts List

<table>
<thead>
<tr>
<th>No.</th>
<th>Code</th>
<th>Description</th>
<th>Qty</th>
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<tbody>
<tr>
<td>1</td>
<td>25034</td>
<td>STAND MACHINED CAST IRON NOVA 1624/XP</td>
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<tr>
<td>2</td>
<td>BNMZ12030</td>
<td>BOLT ENG M12X30</td>
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<tr>
<td>4</td>
<td>FW12</td>
<td>WASHER FLAT M12</td>
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<tr>
<td>5</td>
<td>SW12</td>
<td>WASHER SPRING M12</td>
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<tr>
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<td>9</td>
<td>FW10</td>
<td>WASHER FLAT FENDER M10X32X1.6</td>
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</table>

Suggested Tools for Assembly

- Ratchet and M10 socket
- At least one other Person
- Saw benches or workshop bench both need to be greater than 860mm (33 7/8”).
- 5/8” or 16mm Ring/ Open End Spanner
- 3/4” or 19mm Ring/Open End Spanner
- 8” Adjustable Spanner
ASSEMBLY INSTRUCTIONS

SAFETY: The stand and lathe elements are heavy, please ensure correct lifting techniques and equipment are used and have someone to assist. Use correct tools and observe recommended practices.

Set up your workshop area before beginning assembly of the lathe stand.

1. Open the cardboard box and identify the parts against the parts lists provided (above)

2. Stand the two legs upright facing each other at approximately the same distance apart as the length of the lathe. The Stand legs will stand upright on their two feet, although not very stable, but this is enough to carry out the assembly.

3. For this step you will need a second person and a table, saw horses or workshop bench of suitable height. (If the table is not high enough then you may need to put blocks underneath). With the help of a second person, move the lathe from the box and up to the bench or onto the saw horses. It may be easier to cut the box away in order to prevent any dangerous loading on your back.

Notes:
- There is a retaining bolt holding the swivel pin of the headstock down on the mainbed. Therefore the lathe can be safely lifted via the headstock without the need of the headstock lockpin.
- Check the tailstock is securely fastened by tightening the lock arm.

Once the following checks have been made the headstock and the tailstock can be used to assist in the lifting of the lathe.

4. Move the lathe on the bench so that the tailstock end is overhanging and accessible. Attach the legs sloping to the right on this end. Drop the M12 x 50 hex bolts through the holes and then fasten underneath with the washer and nut.

5. Next do the headstock end. Note that the left most fastenings are inserted upward into two blind holes into the lathe bed.

6. Now, with the help of a marker, mark the position for drilling holes into concrete floor for securing the construction bolts. On the feet of the Stand legs, there are two holes, one is an M12 tapped hole for the jacking bolts, the other is a plain 14mm hole for the construction bolts. The position for construction bolts has not been shown in the exploded view.

7. Once the hole positions have been marked, shift the lathe aside and install the construction bolts. Refer to your supplier on the size of drill recommended for the construction bolts you buy.

8. Lift and position the complete unit over these construction bolts. Tighten all nuts firmly.

9. Install all M12x30mm bolts (part 2) for jacking as shown in the exploded view in the M12 tapped holes on each of the feet of the Stand legs.

10. Level the lathe bed with the help of the above jacking bolts with the help of a spirit level.

11. Once the lathe has been leveled tighten all construction bolts firmly.

12. Re-inspect to ensure all fasteners are firmly secured everywhere.