



Woodworking machinery at its best!

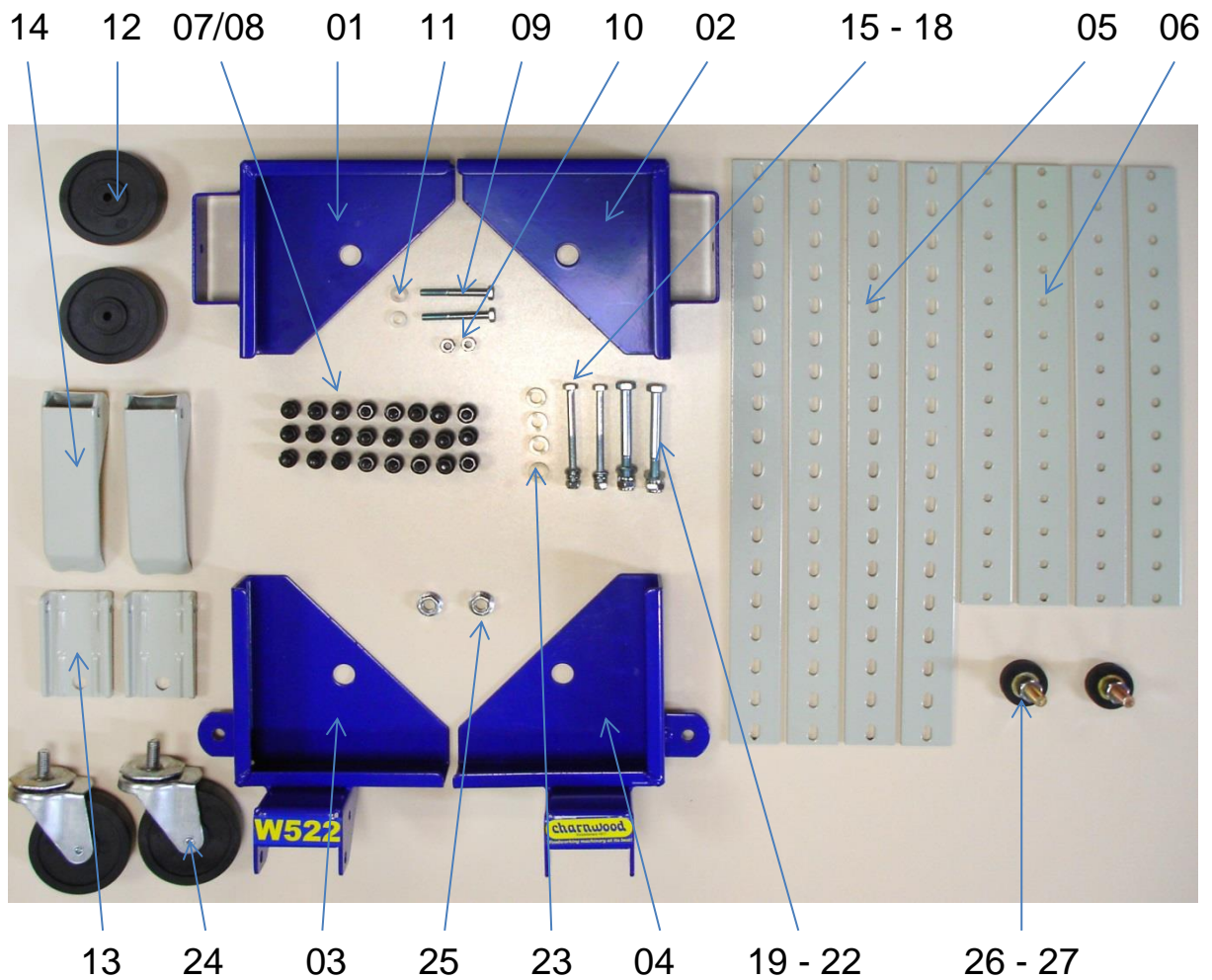
W522 UNIVERSAL WHEEL BASE

Specification

| | |
|------------------------|----------------|
| Minimum Square Size | 340mm x 340mm |
| Maximum Square Size | 930mm x 930mm |
| Maximum Rectangle Size | 520mm x 1340mm |
| Maximum Weight Loading | 295kg |

Unpacking

Unpack all of the parts and check everything is present against the list below.



Parts List

| Part No. | Description | Quantity |
|----------|------------------------------|----------|
| 01 | Corner Bracket - Rear Left | 1 |
| 02 | Corner Bracket - Rear Right | 1 |
| 03 | Corner Bracket - Front Left | 1 |
| 04 | Corner Bracket - Front Right | 1 |
| 05 | Side Rail 450mm | 4 |
| 06 | Side Rail 340mm | 4 |
| 07 | Frame Bolt 16mm | 24 |
| 08 | Flanged Frame Nut | 24 |
| 09 | Fixed Wheel Bolt M6 x 50mm | 2 |
| 10 | Fixed Wheel Nyloc Nut M6 | 2 |
| 11 | Fixed Wheel Nylon Spacer M6 | 2 |
| 12 | Fixed Wheel | 2 |
| 13 | Swivel Plate | 2 |
| 14 | Foot Lever | 2 |

| Part No. | Description | Quantity |
|----------|-----------------------------|----------|
| 15 | Plate Pivot Bolts M6 x 75mm | 2 |
| 16 | Nyloc Nut M6 | 2 |
| 17 | Flat Washer M6 | 2 |
| 18 | Spring Washer M6 | 2 |
| 19 | Lever Pivot Bolts M8 x 75mm | 2 |
| 20 | Nyloc Nut M8 | 2 |
| 21 | Flat Washer M8 | 2 |
| 22 | Spring Washer M8 | 2 |
| 23 | Nylon Spacers M8 | 4 |
| 24 | Castor | 2 |
| 25 | Flanged Castor Nut M10 | 2 |
| 26 | Adjustable Foot | 2 |
| 27 | Foot Lock Nuts | 2 |
| 28 | | |

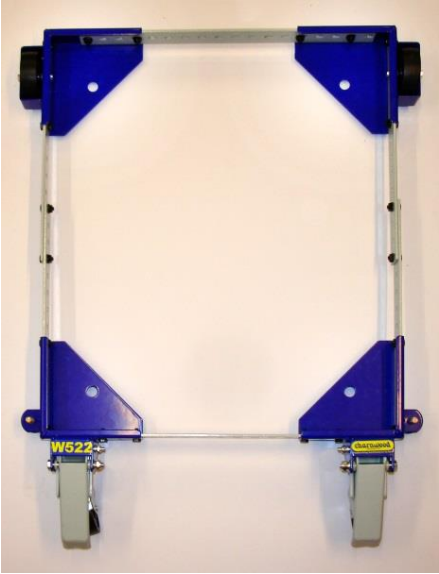
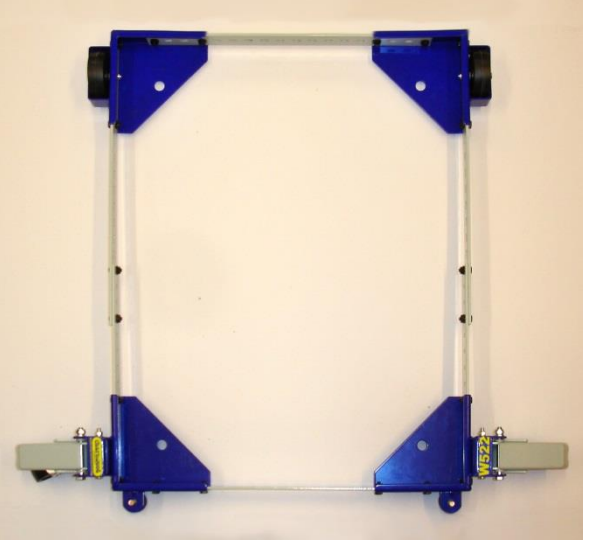
Safety Instructions

- i) Place the base on a level surface and adjust the rubber feet to level the base before mounting your machine. This will keep the machine from rocking while testing it for stability.
- ii) Test for stability in both the raised (portable mode) and the lowered (stationary mode) positions. Exercise caution when testing the stability of top heavy machines such as Pillar Drills and Morticers.
- iii) Unplug any electric machine before moving or repositioning the machine.
- iv) Always test your set-up for stability and safety after repositioning.
- v) Care should be taken when planning the orientation of the machine onto the Universal Wheel Base. When positioning a machine take advantage of the centre of gravity and position so that it will remain stable while on the castors. The heaviest end of a machine should be at the fixed wheel end.
- vi) Never use the machine while it is in the raised (portable mode) position. Always lower the machine before operating.
- vii) When repositioning the machine, always push on the base and not the machine itself.
- viii) Do not exceed the maximum weight load of 220kg.

Assembly Examples

Your machine will be stable when down on the floor and when both foot levers are pressed allowing repositioning. However the stability must be considered when raising or lowering the machine as when only one foot lever is up and one foot lever is down the machine will be temporarily unstable due to one corner being raised higher than the other.

Firstly, decide which configuration would be most suitable for your machine. As well as stability, also consider whether the position of the foot levers will be a trip hazard. Choose the configuration which keeps them away from the operators standing area.

| | |
|--|--|
|  | <p>Long Configuration</p> <p>A long narrow base, such as a Lathe or planer thicknesser, will benefit from this arrangement with both foot levers on one end.</p> |
|  | <p>Wide Configuration</p> <p>A Machine with a short narrow base, such as a Morticer or Bandsaw, will benefit from this arrangement.</p> <p>The castors are in a wider position which reduces the amount of tilt during raising and lowering of the foot levers.</p> |

Assembly Instructions

Tools Required - 10mm, 11mm, 13mm, 14mm & 16mm Spanners and a Tape Measure.

- 1) Carefully measure the footprint of the machine you are going to mount and add about 20mm to the dimension for clearance. (The wheel base is adjustable in 25mm increments)
- 2) Carefully review the assembly examples shown here to help you determine the most suitable orientation for the front corner brackets. As these are examples, only you can determine what best suits your particular machines requirements for stability.

3) Select and arrange the corners and side rails as necessary to assemble the base to your machines footprint.

A short narrow base, such as a Morticer or Bandsaw, will benefit from this arrangement. The castors are in a wider position which reduces the amount of tilt during raising and lowering of the foot levers.

- (See Picture A)

From the outside of the Corner bracket (#01 & #02), insert a 50mm long bolt (#09) through the bracket, through the Wheel (#12), through the white Nylon Wheel Bush (#11) and secure with a Self- Locking Nut (#10).

4) Assemble the castors – (See Pictures B & C)

Screw in the Rubber Foot (#26) and Locking Nut (#27). Set and lock the height with the nut which should be below the bracket. The end of the rubber foot should project the same amount below the corner bracket as the fixed wheel.

Attach the Swivel Plate (#13) to the Corner Bracket (#03 & #04) using a 75mm long Bolt (#15) and secure with a Self-Locking Nut (#16) & Washers (#17 & #18).

Attach the Castor (#24) to the Swivel Plate and secure with Flanged Nut (#25).

Attach the Foot Lever (#14) using a 75mm long bolt (#19) with a Nylon Spacer Bush (#23) positioned either side. Secure with a Self-Locking Nut (#20) & Washers (#21 & #22).



(A)



(B)



(C)

5) Assemble the Side Rails

The side rails can be assemble in a number of different ways depending on the shape of the footprint of your machine. There are eight Side Rails and they can be assembled with just one on each side or two on each side for roughly square footprints.

For rectangular footprints they can be assembled one on each end and either two or three along each side. Whichever configuration you choose use two securing bolts in each end of each rail. Use 16mm long Bolt (#07) and secure with Flanged Nut (#08).

6) Lift your machine onto the wheel base. Get somebody to help you if the machine is heavy.

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