



RAMIA^{CZ}
WORKBENCH

**WORLD OF
WORKBENCHES**

Assembly Instructions HB-D1500, HB-D1800

Attention:



Workbench is made of high quality beech wood guaranteeing maximum resistance and long service life of the bench.

Like all solid wood products it must not be left in areas of high humidity or damp that will cause natural movement. Recommended humidity level max. 60%.

Your workbench (bench top) was lightly treated by varnish to protect the bench during shipping and storing. We recommend you to treat your bench by colourless varnish or oil including the bottom of workbench within 4 weeks after assembly. Varnish (oil) prevents absorption of surrounding moisture. Don't forget to repeat surface treatment each year. If you prefer to use oil or Wood wax, we recommend to regrind the bench top.

To increase the rigidity of your workbench ensure that you glue the joints and bolt the bench in position.

Wood is a natural product, check and tighten all screws and bolts every 6 months.

Recommendation: Use your own proven glue to assemble the workbench. The supplied glue only works properly in suitable conditions.

Warning: Heavy item (over 110 lbs) - be careful during assembly and ask someone for help with the heaviest pieces.

!!! ATTENTION !!! When buying this workbench with a cabinet, first check the cabinet instructions. The assembly of the bench base is different when the cabinet is used.



Assembly video

Dimensions (Manufacturing tolerance 1cm):

Diamond 1500 (HB-D1500)

ENG

LxWxH (without vices) - 1350x610x850mm

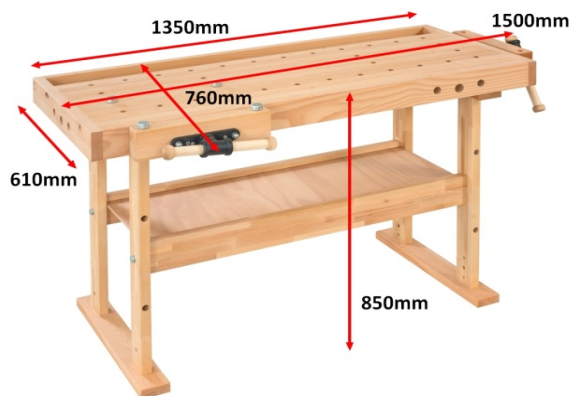
LxWxH (incl. vices) - 1500x760x850mm

Top thickness - 30mm

Apron depth - 90mm

Front vice = Side vice (size/span) - 360x55mm / 130mm

Weight - 50kg



Diamond 1800 (HB-D1800)

ENG

LxWxH (without vices) - 1650x610x850mm

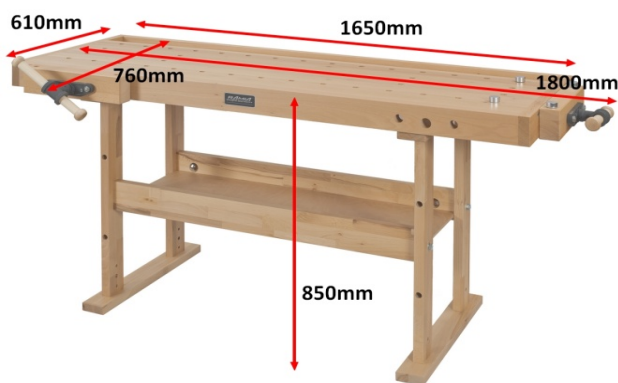
LxWxH (incl. vices) - 1800x760x850mm

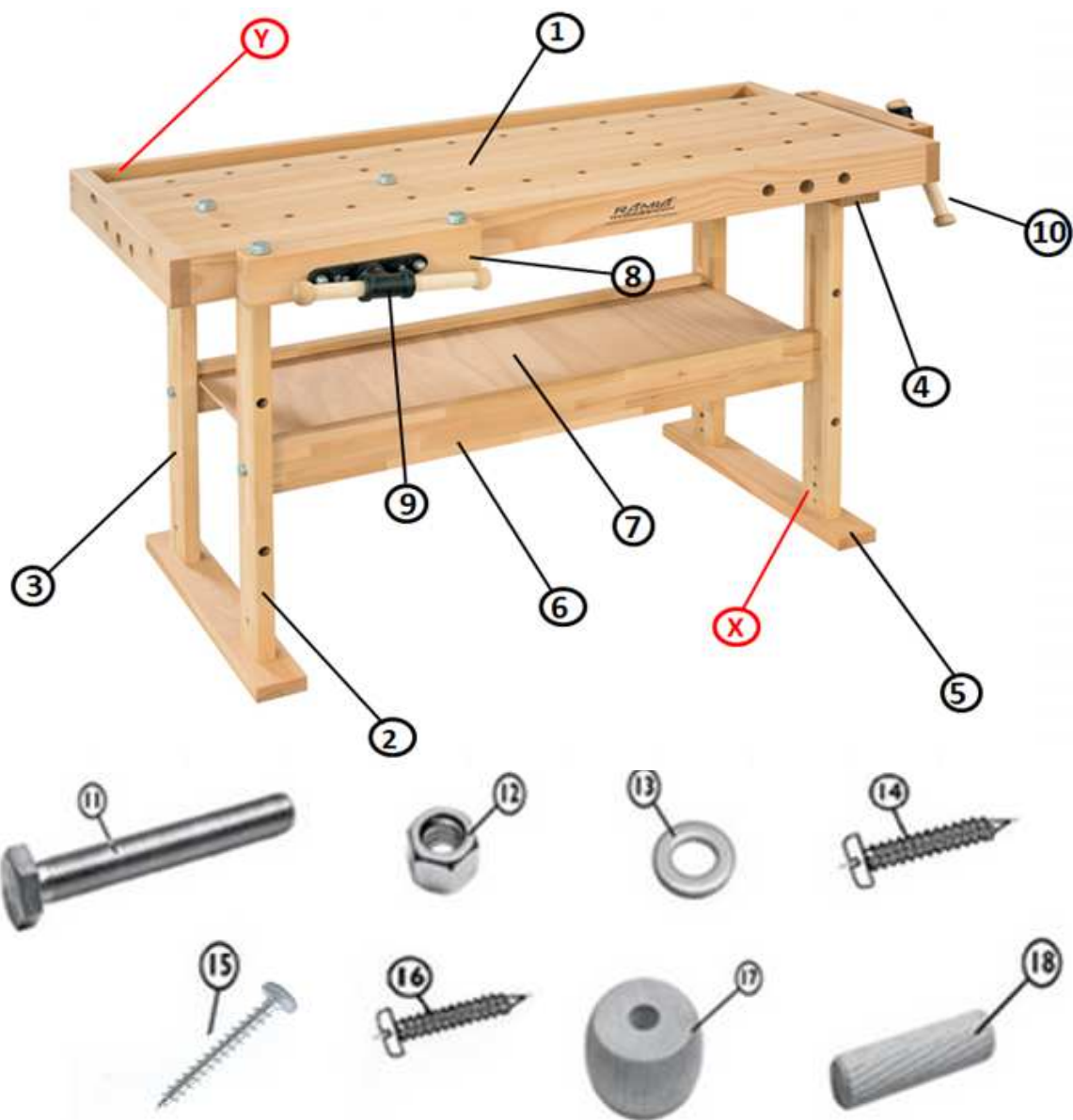
Top thickness - 30mm

Apron depth - 90mm

Front vice = Side vice (size/span) - 360x55mm / 130mm

Weight - 62kg





Parts List			Hardware List		
1	Bench Top	1	11	M12x100 Bolt	4
2	Front leg with bench dogs holes	2	12	M12 Nut	4
3	Back leg	2	13	Washer	4
4	Top rail support with holes for screws	2	14	6x40mm Bolt	4
5	Base	2	15	5x50mm Screw	4
6	Middle Stretchers	2	16	6x30mm Bolt	8
7	Centre Shelf	1	17	Wrench ends	4
8	Wooden jaw	2	18	Dowel 10x40mm	28
9	Spindel (vice)	2	19	Bench dogs	4
10	Vice wrench (handle)	2	20	Glue (not shown)	1
X	Holes for stretchers if cupboard is used		Y	Wedges for tool well	

!!! Important !!! – wedges for tool well are supplied separately (Y). We recommend to add tool well wedges after 4 – 8 weeks. Workbench needs to become accustomed to surrounding conditions. In case of need adjust the size of wedges by size of tool well. Function of wedges is only easier cleaning of the tool well.

WARNING: Wooden parts may be sharp.

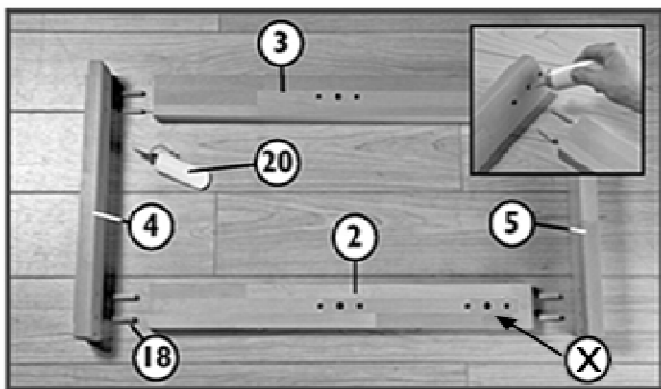


Fig. 1 X=holes for stretchers if cupboard is used

2. Slide the Centre Shelf (7) into the grooves of both Middle Stretchers (6) as shown in Fig.2

Hint: Before assembly of tool shelf, decide, if you want to have deeper or shallower shelf.

Grooves down = deep shelf

Grooves up = shallow shelf

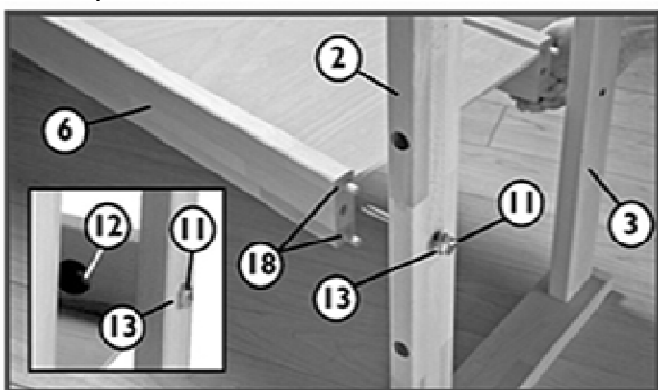


Fig. 3

4. Slide the Vice Assembly (9) through holes in the Vice Face (8) and Bench Top (1). Secure Vice assembly to the Bench Top with four 6x30mm cross-head wood screws (16) and to the Vice Face (8) with two 6x40mm cross-head wood screws (14). Feed the Vice Handle (10) through the Vice Assembly (9) and attach Handle Ends (17) with Dowels (18) and Glue (20) (Fig.4). Repeat this process to attach the other Vice Assembly to the front.

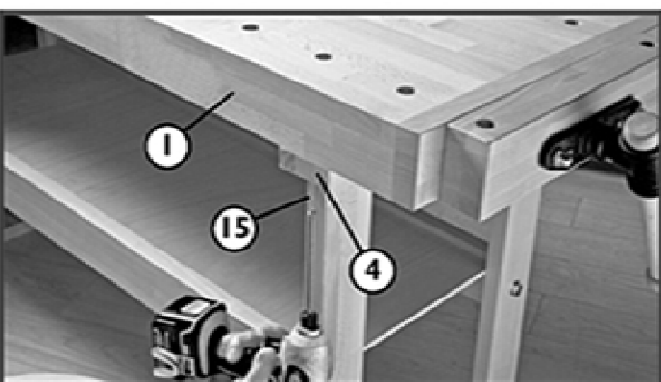


Fig. 5

1. Place Base (5), Top Rail Support (4), Back Leg (3) and Front Leg with Bench Dog holes (2) with dowel holes facing inward as shown (Fig.1). Attach the Base and Top Rail Support to the Front and Back Leg using four dowels each (18) and Glue (20) for each. Use the inner holes. The outer hole on each side of the Top Rail Support will later be used to attach the Bench Top (1).

Hint: Do not fill dowel holes with glue. Smear the dowels and the surfaces of the wooden parts with glue and insert them into the holes.

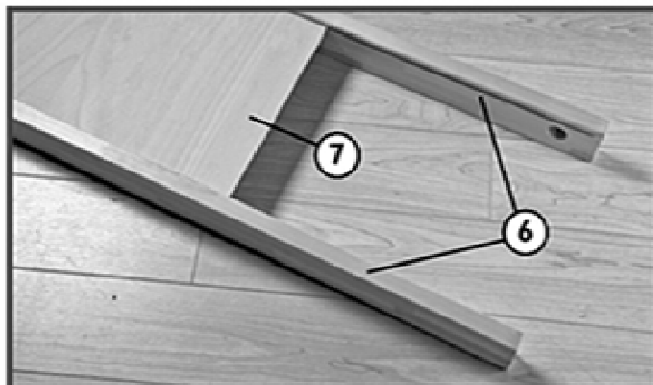


Fig. 2

Use two Dowels (18), an M-12x100 Hex Bolt (11) a Washer (13) and an M-12 nut (12) to attach each Middle Stretcher (6) to the leg assembly (fig.3) The middle Stretcher assembly can be mounted with the Centre Shelf (7) on the top or bottom. Make sure the bench dog holes in the legs are all facing forward.

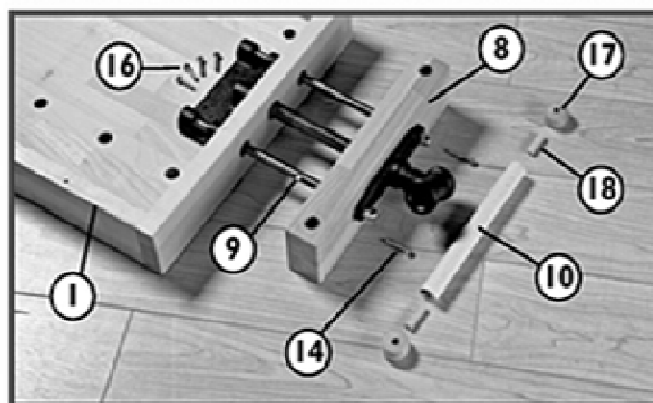


Fig. 4

Before screwing of vice jaws (8), be sure that jaws are parallel with bench top (1).

Hint: Tighten jaws using spindles. Align jaws with bench top and then use bolts 6x40mm (14) for attaching jaws to spindles.

5. Place the Bench Top (1) so it rests in place on the two leg assemblies. Attach to the Top Rail Supports with four wood screws 5x50mm (15), one in each corner (Fig.5)

WARNING: Wooden parts may be sharp.