



**Assembly Instructions, Montageanleitung, Notice D'assemblage, Montážní návod
HB-D1500, HB-D1800**

Attention:



ENG

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%.**

If you bought workbench without surface treatment, we recommend you to finish the bench by colourless varnish or oil including the bottom of workbench. **Please treat your bench with a varnish or oil within 1 months of assembly. Varnish (oil) prevents absorption of surrounding moisture. Don't forget to repeat surface treatment each year.**

To increase the rigidity of your workbench ensure that you glue the joints (please read Hint 1 and 2) and bolt the bench in position. Wood is a natural product, check and tighten all screws and bolts every 6 months.

PARTS	PACKING 1	PACKING 2	DATE	

Dimensions, Abmessungen (Manufacturing tolerance 1cm, Fertigungstoleranz 1 cm)

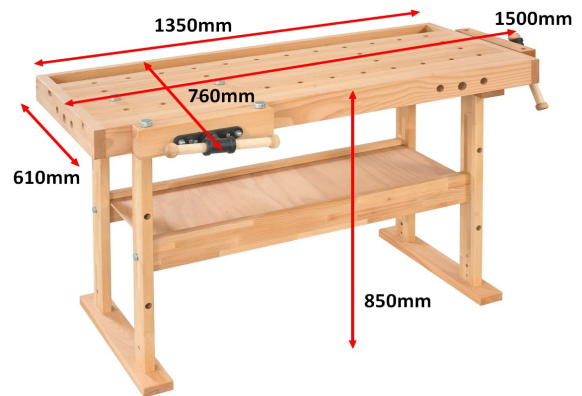
Diamond 1500 (HB-D1500)

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

DE

LxBxH (ohne Zangen) - 1350x610x850mm
LxBxH (inkl. Zangen) - 1500x760x850mm
Plattenstärke - 30mm
Vorderteil - 90mm
Vorder- / Hinterzange (Grösse / Spannweite) - 360x55mm / 130mm
Gewicht - 50kg



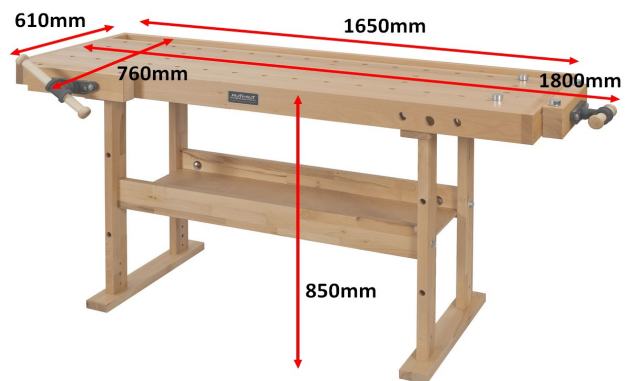
Diamond 1800 (HB-D1800)

ENG

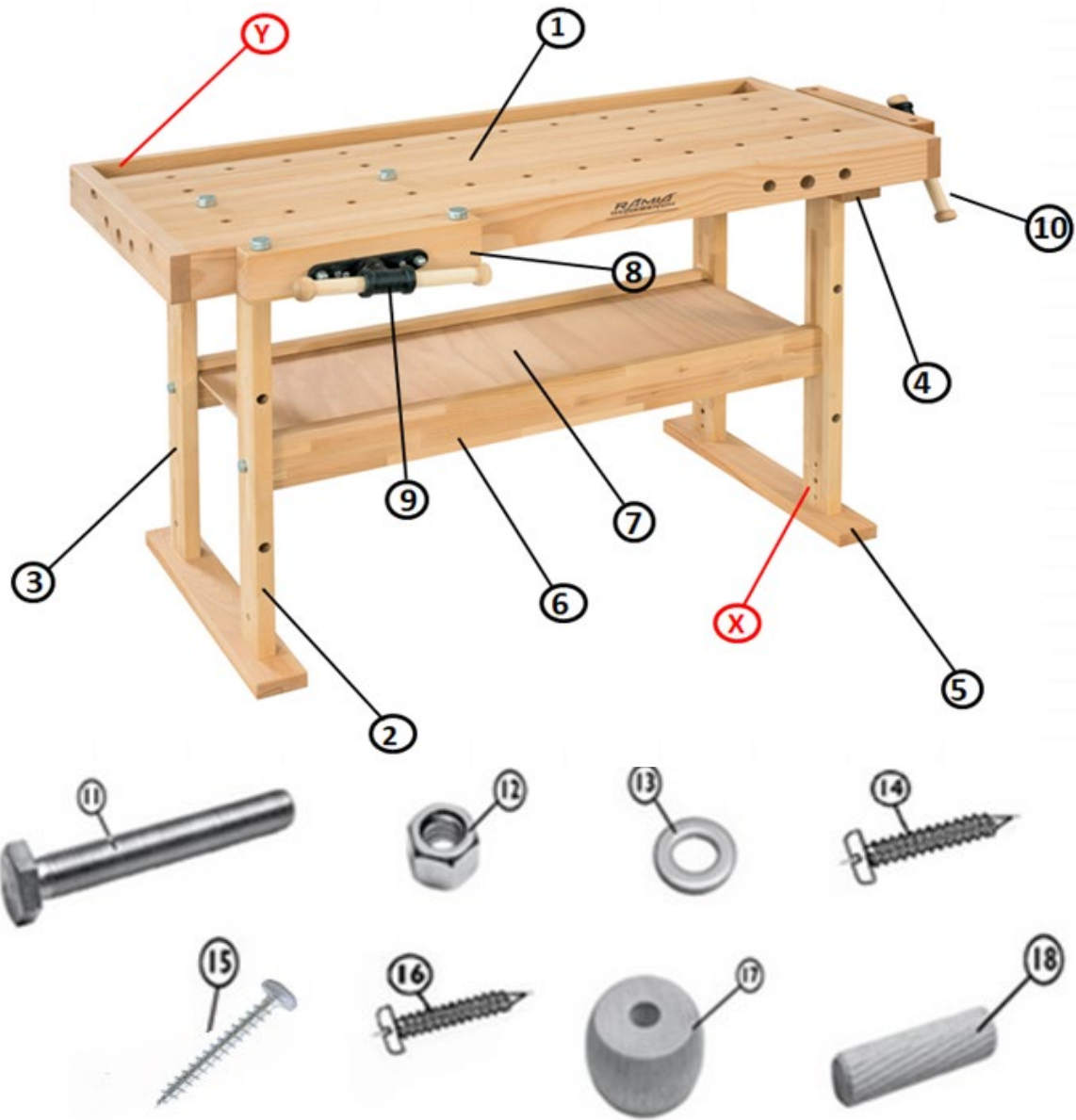
LxWxH (without vices) - 1650x610x850mm
LxWxH (incl. vices) - 1800x760x850mm
Top thickness - 30mm
Apron depth - 90mm
Front vice = Side vice (size/span) - 360x55mm / 130mm
Weight - 62kg

DE

LxBxH (ohne Zangen) - 1650x610x850mm
LxBxH (inkl. Zangen) - 1800x760x850mm
Plattenstärke - 30mm
Vorderteil - 90mm
Vorder- / Hinterzange (Grösse / Spannweite) - 360x55mm / 130mm
Gewicht - 62kg



!!! 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.



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 3 – 4 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.

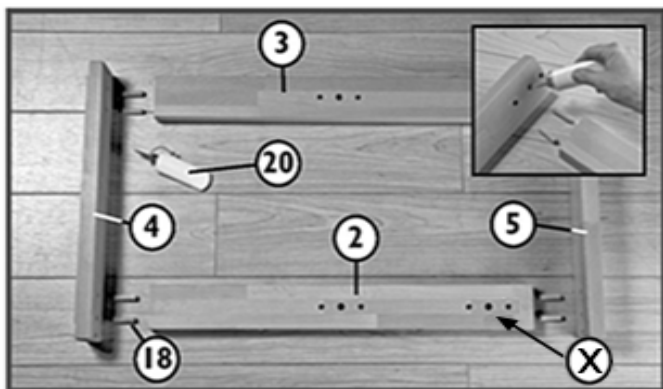


Fig. 1 X=holes for stretchers if cupboard is used

- Slide the Center 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

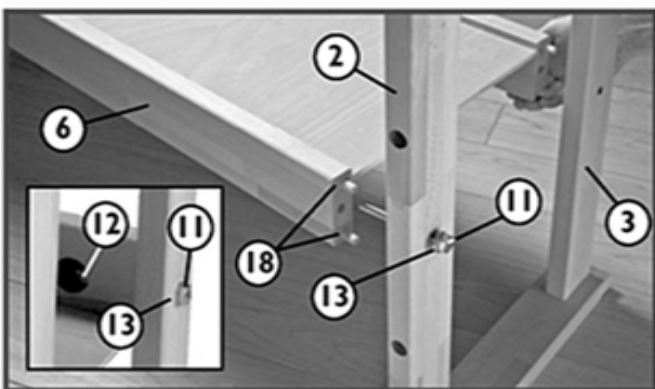


Fig. 3

- Slide the Vise Assembly (9) through holes in the Vise Face (8) and Bench Top (1). Secure Vise Assembly (9) to the Bench Top (1) with four Hex Head 6 x 30mm Bolts (16) and to the Vise Face (8) with two 5 x 50mm Wood Screws (14). Feed the Vise Handle (10) through the Vise Assembly (9) and attach Handle Ends (17) with Dowels (18) (**Fig. 4**). Repeat this process to attach the other Vise Assembly to the front of the Bench Top.

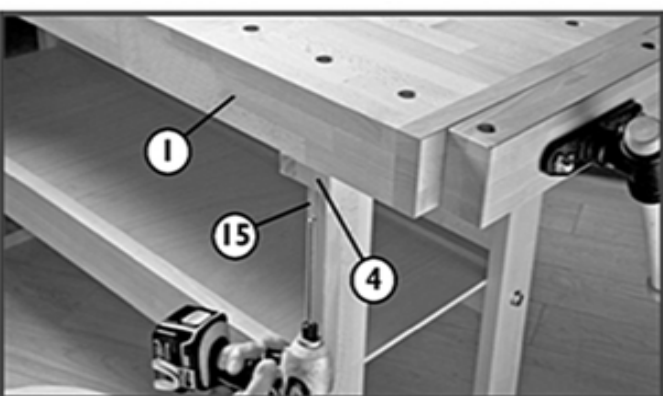


Fig. 5

- Place Base (5), Top Rail Support (4), Back Leg (3) and Front Leg with Bench Dog Storage Holes (2) with dowel holes facing inward as shown (**Fig. 1**). Attach the Base and Top Rail Support to the Front Leg with Bench Dog Holes (2) and Back Leg (3) using four Dowels (18) and Glue (20) for each (see **Fig. 1** inset photo). Use the inner holes. The outer hole on each side of the Top Rail Support (4) will later be used to attach the Bench Top (1). Repeat this process for the other leg assembly.

Hint: Don't fill up holes by glue. Just smear (dive) dowels and insert them into the holes

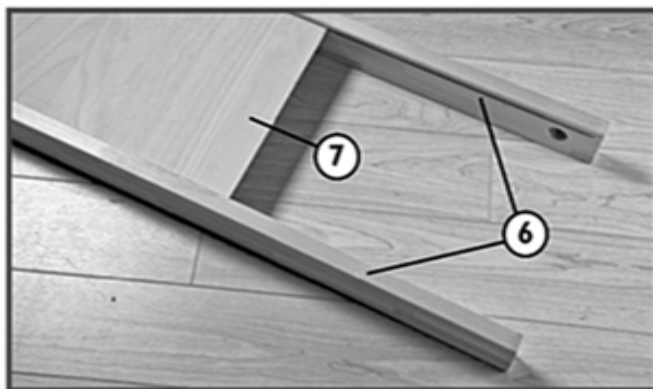


Fig. 2

- Use two Dowels (18), an M-12 x 100 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 Center Shelf (7) on the top (as in **Fig. 3**) or bottom (as in **Fig. 3** inset photo). Make sure the bench dog holes in the legs are all facing forward. Repeat this process for the other leg assembly.

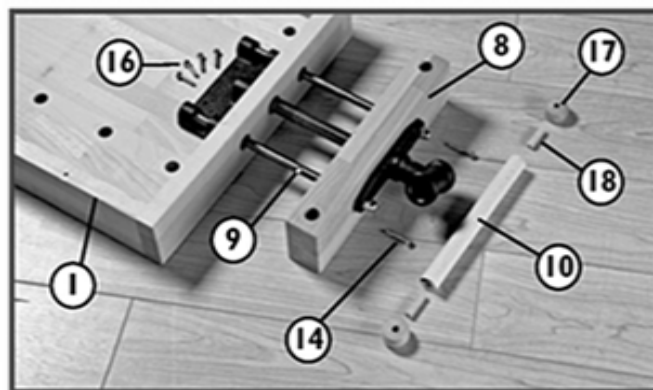


Fig. 4

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.

- Place the Bench Top (1) so it rests in place on the two leg assemblies. Attach to the Top Rail Supports (4) with four Wood screws 5x50mm (15), one in each corner (**Fig. 5**).

WARNING: Wooden parts may be sharp.