This manual is being updated.

THE BIG ORCHARD · PRODUCT MANUAL

Denby MDM Drafting Table

Floor-standing drafting table on the counter-sprung twin column Denby stand, fitted with the MDM professional drafting machine. A0X and A1X. This manual covers both sizes.

Covers models: DRU10, DRU11

ADJUSTABILITY

Height and angle (foot pedal)

The spring-assisted stand locks the table at different heights and angles between horizontal and 80°.

1. Lift the full-width foot pedal (it doubles as a foot rest) to release the stand.
2. Move the board to the height and angle you want.
3. Lower the foot pedal until it clicks and holds, to lock the position.

> For any adjustment of the stand spring, or fitting castors, please contact The Big Orchard on +44 (0)1924 291333 or info@thebigorchard.com.

MDM drafting machine

- **Moving the rulers:** the horizontal and vertical carriages slide on ball bearings. Both movements can be locked with the brakes positioned next to the protractor.
- **Vertical balance:** the vertical movement is balanced with a counterweight.
- **Setting an angle:** the 360° protractor head (double joint) clicks round automatically in 15° steps, and rotates freely with locking at intermediate angles.
- **Zero setting:** the protractor has a larger handle and an adjustable zero setting.
- **Rulers:** a pair of dual-use (pencil/ink) aluminium/Plexiglas rulers marked in cm; 1:1 and 1:2 metric scales as standard. Other scales can be fitted – contact us.

> For re-zeroing the protractor or changing the rulers, please contact The Big Orchard on +44 (0)1924 291333 or info@thebigorchard.com.

CARE AND CLEANING

Clean the drafting machine with a mild detergent solution and a soft cloth. Do not use solvents or abrasive materials.

Check the fixing points regularly, according to how often the machine is used. Any maintenance work must be carried out by specialised technical staff.

Stand: clean with a damp cloth or mild surface cleaner. Do not let moisture dwell on the surface. Oil the moving joints and connections once a year to keep the motion smooth (WD-40 or similar is recommended).

- **Board surface:** wipe with a soft, slightly damp cloth and dry it off.

Maintenance services: we can provide a tailored annual service plan. See www.thebigorchard.com/service-plan/ or call +44 (0)1924 291333.

PARTS OVERVIEW

- MDM professional orthogonal drafting machine (anodised aluminium): horizontal and vertical carriages on ball bearings, brakes next to the protractor, counterweight-balanced vertical movement, reinforced cast-aluminium upper attachment
- 360° drafting head with double joint and two rulers
- Denby counter-sprung twin column stand (white with black feet) and full-width foot pedal
- Extra-wide board that leaves room to park the vertical arm to one side when changing paper

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ASSEMBLY AND SETUP

Where assembly is required, it must be carried out by specialised technical staff.

If your stand arrives strapped

1. Fit the feet and place the stand upright on the floor.
2. Ensure the pedal is in the DOWN position.
3. Apply your full body weight to the upper black frame.
4. Ask an assistant to cut the strap.
5. With weight still applied to the upper frame, lift the foot pedal and allow the upper frame to raise slowly.

If unsure please call +44 (0)1924 291333.

SAFETY

- The stand is spring-loaded: follow the strap-release steps in Assembly and setup, and contact us before detaching the board from the stand.
- Moving the complete unit is a two-person task and should be done with great care.
- Trapping points: the mechanism that controls the height and angle has moving parts which could pinch or trap if misused. Never adjust the height or angle while someone is under the table or has their hands on any part of the stand.

> For any safety question about your product, please contact The Big Orchard on +44 (0)1924 291333 or info@thebigorchard.com.

SIZES AND SPECIFICATIONS

Code	Model	Paper	Board size	Machine	Stand	Weight
DRU10	A0X Denby MDM Drafting Table	A0	1500 x 920mm	MDM professional drafting machine (MDM9215, 92 x 150cm)	White with Black Feet	65kg
DRU11	A1X Denby MDM Drafting Table	A1	1100 x 650mm	MDM professional drafting machine (MDM6511, 65 x 110cm)	White with Black Feet	55kg

WARRANTY

Our warranty covers manufacturing defects which show as a functional or cosmetic issue within the warranty term, from the date of delivery. It is limited to the original purchaser, is non-transferable and does not cover accidental or malicious damage or normal wear and tear. Full terms: www.thebigorchard.com/warranty/.

> For the warranty term that applies to your model, please contact The Big Orchard on +44 (0)1924 291333 or info@thebigorchard.com.

CONTACT

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Paper copy of this manual free on request. If you have any issue with your product, get in touch and we will help get you up and running.