This manual is being updated.

THE BIG ORCHARD · PRODUCT MANUAL

Ackworth MDM Drafting Table

Floor-standing drafting table on the folding white Ackworth A-frame stand, fitted with the MDM professional drafting machine. A0X and A1X. This manual covers both sizes.

Covers models: DRU13, DRU14

ADJUSTABILITY

Height and angle (A-frame stand)

Angle: the large hand-wheels on the quadrants set the angle. Release them, rotate the board to the angle you want (the quadrant rotates with the board), then retighten them.

Height: the smaller hand-wheels set the height. Release them, raise or lower the board, then retighten them.

> For the exact height and angle range of the stand, 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.

- **Board surface:** wipe with a soft, slightly damp cloth and dry it off.
- **Stand:** wipe with a damp cloth, dry, and keep moving parts free of dust.

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
- Ackworth steel A-frame stand (white) with hand-wheels and quadrant; folds and detaches for transport or storage
- 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.

SAFETY

- Retighten the hand-wheels after every adjustment.

> 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
DRU13	A0X Ackworth MDM Drafting Table	A0	1500 x 920mm	MDM professional drafting machine (MDM9215, 92 x 150cm)	White	35kg
DRU14	A1X Ackworth MDM Drafting Table	A1	1100 x 650mm	MDM professional drafting machine (MDM6511, 65 x 110cm)	White	25kg

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.