

The Mayku Multiplier Specification Sheet



**Professional pressure forming
made accessible. Create high quality
molds and parts in minutes.**

1. Take full control

Create what is needed, where and when it's needed.

2. Produce in minutes

Eliminate unnecessary lead times. Create molds and parts in minutes.

3. Industrial grade performance

Over 5 tonnes of force ensures factory-level quality and detail.

KEY FEATURES:

- 400mm (W) x 160mm (H) circular forming area
- Up to 60 psi (4 Bar) of forming pressure
- Up to 5mm sheet thicknesses
- Automatic sheet leveling (no plastic droop)
- Precision IR sensor for plastic temperature control
- 8 independent/redundant safety features
- WiFi updateable firmware for new features/materials
- In-built self testing, maintenance for ease of use
- In-built air outlet for tools and accessories

TECHNICAL DATA:

- Input: 110-240V, 12A/6A (Single Phase)
- Max power: 1500W
- Maximum pressure: 4.1 bar/60 psi (Dome), 12 Bar/175 psi (Tank)
- Frequency: 2.4GHz
- LCD Resolution: 720x720
- Operating / storage temperature: +5 to +40°C
- Connectivity: WiFi

MACHINE DIMENSIONS:

- Unboxed: 585mm (L) x 515mm (W) x 420mm (H)
- Weight: 57kg (125lbs)
- Boxed: 700mm (L) x 700mm (W) x 640mm (H)
- Weight: 67.5kg (149lbs)

FORMING:

- Forming area: 380mm (W) x 160mm (H)
- Max template volume: 3500cm³ / 214in³

WARRANTY:

- Period: 1 year

MATERIALS:

- ABS (Tough, impact-resistant parts with excellent surface appearance)
- PMMA (Clear, hard-wearing parts with UV stability and qualities similar to glass)
- UHMW (Strong, abrasion-resistant parts with a low friction coefficient)
- PETG (Prototype food-safe packaging and create transparent parts in minutes)
- HIPS (Rapidly prototype using a recyclable material with a smooth, satin finish)
- EVA (Shock absorbent parts that are easily recycled and tooling for molds)
- Visit materials.mayku.me to order sheets

CERTIFICATIONS:

CE CE Marking

FCC FCC Marking

UKCA UKCA Marking

RCM RCM Marking

WHAT'S IN THE BOX:

- 1x Multiplier
- 1x Power Cable
- 1x Instruction Manual
- 1x Activation Leaflet
- 1x Tool Kit
- 1x First Make Kit (containing a sample template and information booklet)

CONTACT INFORMATION:

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