



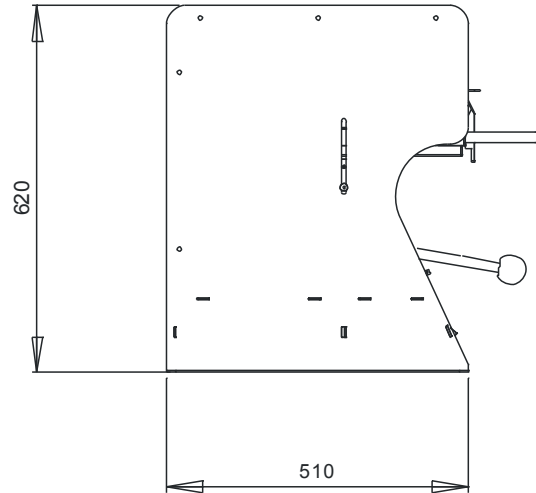
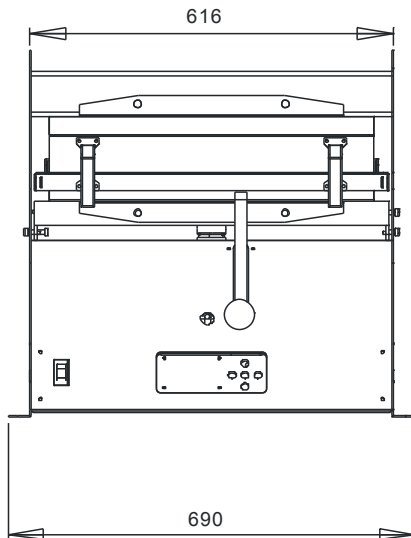
Introduction to the R30 Sheet Press

The R30 Sheet Press converts granulated thermoplastic material into a usable form using heat and pressure. As standard, the formed article is a flat plastic sheet, which can typically be used for vacuum forming, laser cutting, line bending etc. There are also tools available for making shaped parts, for example Frisbees, on the machine.

A removable material cassette is loaded with granules of the material to be pressed. For best results the granules are sprinkled uniformly over the base of the cassette. The cassette is then loaded into the R30 sheet press, and clamped firmly between two temperature controlled aluminium hotplates. The heat and pressure causes the material granules to soften and fuse. At the end of the pressing cycle, the material cassette is unloaded and allowed to cool. The formed sheet of material can then be removed and used. Optional stands and cooling fan sets are available for the R30.

As standard, the R30 produces a sheet size that is suitable for use on our 725FLB Vacuum Former. Other sizes of material can be produced using separately available heating trays. The R30T1 produces a sheet of 457 x 305mm, while the R30T3 produces a sheet of 305 x 229mm (suitable for our 1210 Vacuum Former).

Machine Dimensions (mm)



Specifications

Voltage 230V 50-60Hz
Max Current 8 Amps

Standard Panel Size 457 x 254mm
Maximum Panel Size 457 x 305mm (with optional R30T1 tray)
Average Panel Thickness 2-3mm
Average Time to produce a sheet 10 minutes

Dimensions (Bare Machine) 69 x 51 x 62cm
Dimensions (Packed) 100 x 76 x 82cm

Weight (Bare Machine) 92kg
Weight (Packed) 111kg

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