



Technology for Today's Plastics

Product Data Sheet

150R Fluidised Bath



150R Fluidised Bath

The 150R is a freestanding fluidized bath, ideal for the plastic dip coating of smaller items.

The 150R is a bench mounted metal bath with a porous membrane at the bottom. The bath is filled with thermoplastic powder, which is aerated by low-pressure air being applied into the plenum chamber beneath the porous membrane. The aerated powder acts like a liquid, allowing a pre-heated piece of metal to be dipped into it. The heat adheres a layer of powder to the metal, and upon removal after a few seconds the powder melts and flows, forming a smooth protective coating. The coated item is ready for use immediately once cooled.

The 150R Fluidised Bath requires an external air source, we recommend either our 120 Variable Speed Blower Unit or a compressed air line with a pressure regulator set at 0.5 Bar and variable flow control.

Items to be dipped in the 150R will need to be preheated, either in one of our ovens or with another suitable heat source.

Specifications

Max Object Size for Dipping	130x130x180mm
Incoming Air Supply Options	Either C R Clarke 120 Variable Speed Blower Unit, or regulated Compressed Air Supply
Dimensions (Packed)	280 x 260 x 350mm
Weight (Bare Machine)	3kg
Weight (Packed)	4kg

Machine Dimensions (mm)

