

RO

Robatech
Glueing Technology

Roba 16 Hotmelt Applicator

The Roba 16 is a convenient and compact table-top appliance suitable for processing thermoplastic hotmelts. It is used for all kinds of assembly glueing tasks, particularly where two-handed working is of advantage.



Application

The compact Roba 16 table-top appliance is used in all manual assembly glueing jobs where two-handed working is of advantage. There are numerous such applications in the production of footwear, leather goods, toys and electronic devices as well as wood, plastic and textile processing. The appliance is operated electrically, without compressed air. It is easy to transport and perfectly suitable for mobile deployment as e.g. in homework or on building sites. The Roba 16 processes thermoplastic materials such as EVA hotmelts, adhesive hotmelts, polyamide or polyethylene. The adhesive material can be processed in granular form, in rods or block-shape of an edge length of maximum 100 mm.



Hotmelt in granular, rod or block form

Function

In the tank featuring a release coating the adhesive is gently melted and fed to the screw pump by gravity. A gear motor drives the pump over a flexible shaft. The nozzle fastened at the pump exit is equipped with a drooling prevention device which is only opened by the increasing adhesive pressure.

Operation

After switching-on and heating-up of the hot-melt device, the pilot lamp «Ready» signals that the selected temperatures are reached and releases the feed pump. The operator-friendly electronics allow a stepless, precise setting of the processing temperature and of the feed quantity. Errors are indicated on the large display and block the pump drive. The glue application starts by actuation of the foot



Various nozzle types



Free hands thanks to foot switch

switch. The adhesive is delivered from the nozzle for as long as the foot switch is pressed or, if the timer is activated, during the programmed time period.

Technical data

Tank volume	1.5 litres
Tank aperture	100 x 100 mm
Temperature range	35...210° C
Melting capacity	1 kg per hour
Glue viscosity	500...35,000 mPas
Feed pump	Screw pump with DC motor
Pump capacity	5...50 g per minute
Release of feeding	Foot switch or interface, with timer
Operating voltage	220...240 Volt AC, 50/60 Hz, 850 Watt
Dimensions L x w x h	345 x 200 x 370 mm
Weight	9.5 kg

Robatech AG
Pilatusring 10
CH-5630 Muri / Switzerland
Phone +41 56 675 77 00
Fax +41 56 675 77 01
Email info@robatech.ch
Internet www.robatech.com