

AutoSupply™

THE AUTOSUPPLY™ IS A COMPACT PUMP STATION SPECIFICALLY DESIGNED FOR INDUSTRIAL ROBOT APPLICATIONS. AUTOSUPPLY™ ALLOWS AN EXCELLENT VOLUMETRIC FLOW CONTROL AT THE POINT OF APPLICATION ENABLING TO APPLY THE EXACT AMOUNT OF GLUE ON EACH POSITION ON THE CARRIER, INDEPENDENT OF PARAMETER CHANGES LIKE ROBOT SPEED. GRANTING PERFECT BOND STRENGTH ON THE ENTIRE PRODUCT.

INNOVATION

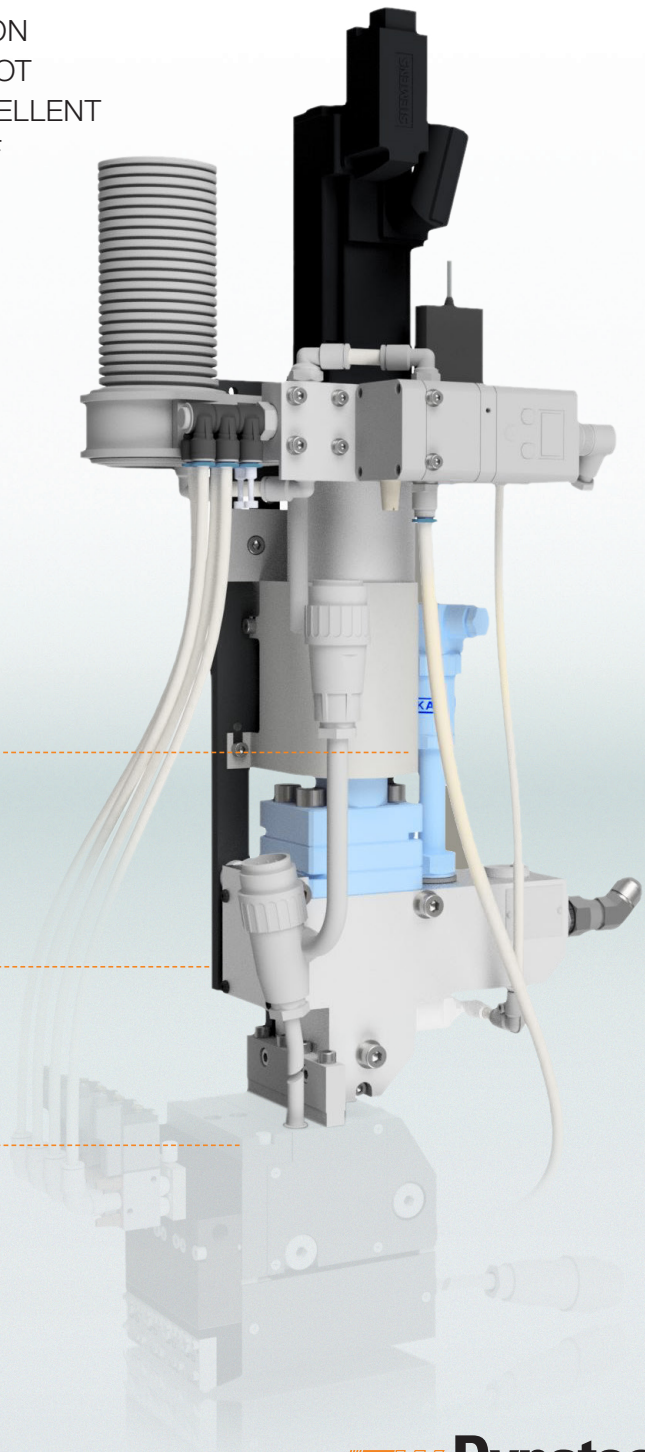
AutoSupply™ is light in weight allowing easy mounting on an industrial robot enabling to follow the variable robot speed in a perfect way.

ACCURACY

Exact glue amount on each position on the carrier, independent of parameter changes like robot speed.

MODULAR DESIGN

The modular design allows an easy interchange between a variety of different gear pumps and applicators allowing a flexible adaption to various application needs and reduced capital investment.



AUTOSUPPLY™

The AutoSupply™ is a compact pump station optimized for Automotive décor lamination. The combination of the pump station with an UFD® spray head and AutoElite™ nozzles functions as a gear driven applicator providing the ideal solution for perfect adhesive patterns without any read-through effects. Its reliable performance ensures reproducible application accuracy and high end-product quality.

FEATURES

- Volumetric flow control at the point of application
- Fully automated process controlled by Siemens ProfiNet for highest process stability, accuracy and efficiency.
- Modular design ensuring fast and flexible adaption to various application needs.
- Weight-optimized for easy mounting on industrial robots.

TECHNICAL DATA

Gear pump	2.4 or 4.5 ccm/rev
Motor	Servo motor compact 0.38 kW
Temperature Sensor	100 Ohm Platinum RTD
Operating Temperature range	38°C to 218°C (100°F to 425°F)
Operating Pressure maximum	68 bar (1000 psi)
Heat-up time with UFD Applicator	20 minutes for cold start
Supply Voltage	230 VAC - 400 VAC
Weight with UFD Applicator	Approx. 19 kg
Dimensions (width x depth x height)	305 x 168 x 720 mm

LOCATIONS

Americas

ITW Dynatec
31 Volunteers Drive
Hendersonville, TN 37075
USA
Phone: +1.615.824.3634
info@itwdynatec.com
www.itwdynatec.com

China

ITW Dynatec Suzhou
NO. 2, Anzhi Street,
SIP, Suzhou, China 215122
Phone +86.512.6289.0620
Fax +86.512.6289.0621
info@itwdynatec.cn
www.itwdynatec.cn

Japan

ITW Dynatec K.K.
Flos Kamata
26-11, Nishikamata 7-chome
Ota-ku, Tokyo 144-0051, Japan
Phone: +81.3.5703.5501
Fax: +81.3.5703.5505
info@itwdynatec.co.jp
www.jp.itwdynatec.com

Europe, Middle East and Africa

ITW Dynatec GmbH
Industriestraße 28
40822 Mettmann, Germany
Phone: +49.2104.915.0
Fax: +49.2104.915.111
info@itwdynatec.de
www.itwdynatec.de

