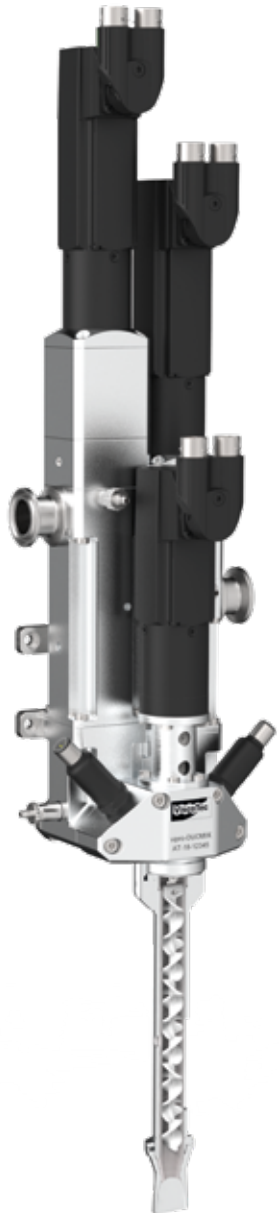


vipro-DUOMIX

Static-dynamic mixer vipro-DUOMIX for two-component materials with very different viscosities.



Flow and pressure optimized product

Homogeneous mixing quality, validated by material supplier

Precise and process reliable dispensing without dripping

No density change due to shear sensitive technology

Compact design and easily adaptable to robotic handling system

VISCOTEC PUMPEN- U. DOSIERTECHNIK GMBH

Address: Amperstrasse 13
D-84513 Toeging a. Inn
Phone: +49 8631 9274 0
E-Mail: mail@viscotec.de
Web: www.viscotec.de

HUNTSMAN ADVANCED MATERIALS (SWITZERLAND) GMBH

Address: Klybeckstrasse 200
CH-4057 Basel
Phone: +41 612 299 1111
Web: www.aralditeadhesives.com

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AUTOMATED DISPENSING APPLICATIONS FOR AEROSPACE INDUSTRY



HUNTSMAN
Enriching lives through innovation



VISCOTEC EXPERTISE

As an expert for dosing technology, we primarily focus on challenging dosing applications in various industries. Due to complex requirements of materials used in aerospace industry, applications in this sector are in general extremely demanding.

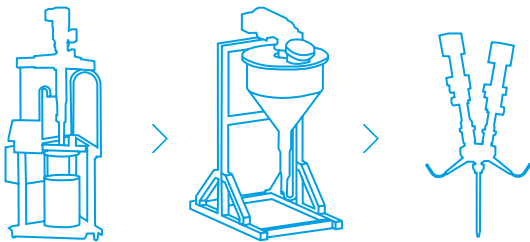


ViscoTec technology, based on the progressive cavity pump, ensures a precise and reliable handling of complex materials with the following properties:

- Extreme mixing ratios (1:1 – 100:1)
- High viscosities (up to 7.000.000 mPas)
- Shear sensitivity
- Including microspheres (polymeric/glass)
- Compressibility

MODULAR SYSTEM

Based on our process know-how, your system is adapted individually to your process – complete with engineering and consulting.



Material emptying

Material preparation

Dispensing

HUNTSMAN ADVANCED MATERIALS

Huntsman Advanced Materials is a leading global supplier of advanced, high-performance materials for the fabrication, assembly and repair of interior and exterior aircraft components. Prominent aerospace companies look to us for innovations in adhesives, laminating systems and void fillers.

The majority of our portfolio is qualified to Airbus, Boeing, Goodrich, Gulfstream, Bombardier, Bell, Rohr, Rolls Royce, or other key OEM specifications and are listed as approved repair materials in Structural Repair Manuals and Service Bulletins.

Production process improvements, innovative designs, weight savings, compliance to stringent aerospace standards, and low maintenance costs have become vital to success and can be achieved with our products.

AUTOMATED AEROSPACE APPLICATIONS



HONEYCOMB POTTING

- Fully filled cores
- Individual shapes
- High edge sharpness

EDGE FILLING

- High accuracy
- Less material waste
- Constant output

SELECTION OF PRODUCTS COMPATIBLE WITH vipro-DUOMIX

Araldite®
Epocast®
Epibond®
Uralane®

EPOCAST® 1648

- Dispensable by meter mix machines, Semco cartridge, and hand mix
- Qualified to BMS5-28 Type 18 Class 1
- Meets FST requirements
- Quick setting, High mechanical performance
- Easy to apply and clean, Excellent Mix Ratio Tolerance

ARALDITE® 252-1

- Low density edge filler
- EHS Friendly, sustainable Chemistry
- Good compression and temperature performance, RT curing
- Flame resistant product

ARALDITE® 1641

- Ultra Low density two-part Epoxy Syntactic
- Easily pumpable
- Non sagging
- Good resistance to vibrational fatigue

