







INJECTION MOLDING DEBINDING UNITS MDU-60 I TO I MDU-3000


CONSTITUENTS

- » Fully automatic, programmable logic controller (PLC) operated unit
- » Graphics display and operation terminal at the switch cabinet
- » Designed for monitoring-free 24-hour operation, with temporally switching delay for night/ weekend work
- » PID-controlled  - thermal oil heating integrated
- » Temperature ramps with 3 different temperature/ time set points
- » Continuous, optional adjustable level measurement between 50% and 95%
- »  - circulation pump for solvent
- »  - vacuum unit integrated (down to 40 mbar)
- » Safety closure with O-ring seal
- » Protection class (explosion-proof) EX II 2 G c IIA T3
- » Including 15 m cable loom (from unit to switch cabinet)
- »  - indicator lamp (operational) & ON- / OFF-switch fit at unit
- » Emergency stop button fit at unit
- » Parts being tangent to media made of stainless steel, including double jacket for heat carrier
- » In case of unit capacity < 300l profile base frame and casing panel made of anodized and conductive aluminium, unit capacity > 400l powder-coated or hot-dip galvanized frame
- » 24 months warranty



MDU-60

OPTIONS

- » Extension of temperature ramp up to 7 different temperature set points
- » Additional temperature ramps with various temperature/ time set points
- » Baskets for injection molded components made of stainless steel or aluminium (value variable, mesh size down to < 0,5mm)
- »  - vessel lighting with 5-min-timer
- » Remote maintenance via automation device or modem
- » Solvent- and temperature-resistant anti-adhesive coating
- » Assimilable tanks for clean and polluted media
- » Single or double wall (external) tanks for clean and polluted media
- » Safety collecting tray according to the German Water Resources Act
- » Special vacuum units down to 1 mbar
- » Pneumatic drain valve for automatic emptying of liquid residues
- » Welded base frame made of stainless steel incl. casing panel
- » Profile base frame and casing panel made of anodized and conductive aluminium for unit capacity > 400l
- » Suction hood at cleaning lock
- » Further options on request



Depending on your required throughput our system is composed of one combined debinding and integrated distillation device or of 2 separate coordinated debinding and distillation units.

Specifications act as orientation, as each unit is built according to your requirements. // Version 02/2010
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Desbatec Anlagentechnik GmbH, Spessartstrasse 122, 63834 Sulzbach a. Main, Germany
Phone: +49 6028/ 97 93 0, Fax: +49 6028/ 97 93 20, www.desbatec.com, info@desbatec.com