



DG 153

2- OR 3-COMPONENT DOSING, MIXING AND CASTING MACHINE

Newly developed compact model for all cold- or hot-cast 2- or 3-component reactive systems. Standardized system configuration with variable output rates and a fully automated PLC system. Newest technology and the implementation of high-quality components result in cost-effective and energy-efficient production operation. This machine combines the conventional reliability and quality of Polytec EMC machines with strikingly simple operation and control functionality.

TECHNICAL DATA

Output:	6/12/18 kg/min.
Tank-Size:	60 - 300 liters
Temperatur:	up to 150 °C
Power Supply:	3 x 400V + N + E, 50 Hz
Power Consumption:	approx 35 kW
Air Supply:	7 bars

OPTIONS

- Color dosing
- Degassing
- Automatic refilling
- Service modem
- Additional component module



3-component mixing head



Flushing agent tank



Siemens control system



Exchangeable component module

Reliability Lab- and prototyping Table top model Inventor spirit Flexibility Compact model Desire to innovate Prepolymer reactor Variable output Color-/Additive dosing Modular design Flow rate measurement Cold castable material Static mixing head Component module Automatic flushing Efficiency & quality Ribbon flow line All round model Mixing head boom Filled & abrasive systems Highest quality components SPS-Control Mixing heads Tailor made solutions Mixing rotor Degassing Flexible design Pouring & spraying Agitator Melting station Small to mid sized production lots Process security Multi component mixing head Experience Component heating Casting table Process visualization Trial and small lot production Special design Rotostatic mixing head Development Multifaceted production machine Simple operation Customer specific configuration Shot time monitoring Adjustable mixing ratio Robot or multi axis handling Space saving Dynamic mixing head Freely programmable control Solvent free Quality Pot life monitoring Spray head Twin drive pump Service modem Disc degasser 2K-Mixing head Centrifuge Mboca station Reliability Lab- and prototyping Table top model Inventor spirit Flexibility Compact model Desire to innovate Prepolymer reactor Variable output Color-/Additive dosing Modular design Flow rate measurement Cold castable material Static mixing head Component module Automatic flushing Efficiency & quality Ribbon flow line All round model Mixing head boom Filled & abrasive systems Highest quality components SPS-Control Mixing heads Tailor made solutions Mixing rotor Degassing Flexible design Pouring & spraying Agitator Melting station Small to mid sized production lots Process security Multi component mixing head Experience Component heating Casting table Process visualization Trial and small lot production Special design Rotostatic mixing head Development Multifaceted production machine Simple operation Customer specific configuration Shot time monitoring Adjustable mixing ratio Robot or multi axis handling Space saving Dynamic mixing head Freely programmable control Solvent free Quality Pot life monitoring Spray head Twin drive pump Service modem Disc degasser 2K-Mixing head Centrifuge Mboca station Reliability Lab- and prototyping Table top model Inventor spirit Flexibility Compact model Desire to innovate Prepolymer reactor Variable output Color-/Additive dosing Modular design Flow rate measurement Cold castable material Static mixing head Component module Automatic flushing Efficiency & quality Ribbon flow line All round model Mixing head boom Filled & abrasive systems Highest quality components SPS-Control Mixing heads Tailor made solutions Mixing rotor Degassing Flexible design Pouring & spraying Agitator Melting station Small to mid sized production lots Process security Multi component mixing head Experience Component heating Casting table Process visualization Trial and small lot production Special design Rotostatic mixing head Development Multifaceted production machine Simple operation Customer specific configuration Shot time monitoring Adjustable mixing ratio Robot or multi axis handling Space saving Dynamic mixing head Freely programmable control Solvent free Quality Pot life monitoring Spray head Twin drive pump Service modem Disc degasser 2K-Mixing head Centrifuge Mboca station Reliability Lab- and prototyping Table top model Inventor spirit Flexibility Compact model Desire to innovate Prepolymer reactor