



MIXING HEAD SYSTEMS

CASTING, SPRAYING, GLUEING, FOAMING

The mixing heads designed, developed and manufactured by Polytec EMC are equipped with static, rotostatic or dynamic mixing to meet specific material demands. As a simple double-component mixing head or a multi-component mixing head with additional component valves for colors or additives, Polytec EMC mixing heads are characterized by their high quality and reliable production operation.



Mixing head with static mixing



Solvent-free mixing head



4-component mixing head with color and additive dosing



2-component mixing head



Mixing rotors in special design



Mixing head with water cooling



Mixing head for spraying



Mixing head with dynamic mixing

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