



ULTRAMIX 100

PU INJECTION MACHINE

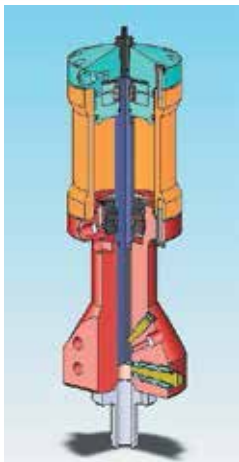


High pressure foaming machine with high performance features:

- Tank 100 liters capacity with water jacket
- Low speed stirrer for good blending
- Magnetic level switches for components loading with visualization
- PT100 probe for components temperature control
- Self-cleaning filter on dosing pump suction
- Axial piston pump with variable delivery via frequency converter
- Volumetric flow-meter with close-loop facility
- Double contact digital pressure gauge with remote alarm signal
- Self-cleaning damped mixing head with safety positioning switches

The foaming machine is suitable to be used with various applications and all the formulations available in the PU market

- Hydraulic power pack with automatic control for mixing head and flow-valve managing
- Control panel with CE certification with PLC unit for sequential control of all the machine functions
- Touch screen 5,7" operator panel for an easy management of the machine parameters during working phases
- Temperature control via PID system integrated inside the PLC unit
- Troubleshooting of each alarm remote on the Operator panel in clear text
- Selection of 12off different foaming cycles where it is possible to set timer, flow-rates and ratio
- Close-loop control of the flow-rates via CAM-BUS communication between PLC unit and frequency converter



MIXING HEAD MODEL	FLOW-RATES (Gr/sec)	
	R = 1:1	R = 2:1/1:2
ISC-LF 8	50-450	80-350
ISC-LF 10	100-600	120-500
ISC-LF 18	200-1100	250-800
ISC-DF 8/12	50-400	80-300
ISC-DF 14/18	200-1200	300-900
ISC-DF 16/20	500-3000	600-2500

ISC-LF mixing head recommended for low density rigid foam application;
ISC-DF damping flow mixing head suitable for all applications and for open-mould production;



MODEL ULTRAMIX	PORTATE / FLOW-RATES				POTENZA CHILLER	CONSUMO CONSUMTION	PESO WEIGHT
	R = 1:1		R = 2:1/1:2				
	MIN	MAX	MIN	MAX	Btu/h	kW	IN KG
100	360	1800	550	1250	12000	36	1450

Flow-rates are related with components with S.W. 1.1 and viscosity of 2000 mPas
Possibility of Specific requirements with different flow-rates according the customer needs

