



*PURE EasyLine*  
Mix- and Metering Machines

Plastics  
Technologies  
in Motion.

The FRIMO *EasyLine* is a well equipped, reliable and cost-efficient PU high pressure mix- and metering machine for the processing of all common non-filled 2-component PU systems. Especially for the production of lower or medium volumes the *PURe EasyLine* is the ideal concept. With its highly accurate output metering and comfortable manual or automatic operation this machine can be applied to a wide range of PU products.



Exemplary configuration: *PURe EasyLine* mix- and metering machine with a swiveling boom and tool carrier type 11 (*butterfly*)

#### Raw material containers:

- Capacity of containers 100l or 250l
- Jacketed raw material containers with agitators
- Programmable filling level indicators including automatic filling function (optional)
- Cartridge type air dryer

#### Control system:

- Compact control panel
- Siemens PLC
- Manual or automatic operation
- Frequency converters for close loop controlled operation (output rates and mixing ratio)
- Highly accurate gear type volume sensors for precise output metering
- Digital pressure sensors to display and control operation parameters

#### Pumps:

- Adjustable, low-wear and corrosion-resistant axial piston pumps
- Leakage-free metering pumps with magnetic couplings

#### Machine concept:

- Compact machine design with excellent accessibility to all components on a sturdy frame
- Fast and easy start-up due to plug & produce concept
- Low-maintenance
- External frequency converters for easy access and optimal heat balancing

#### Mixing head / Hydraulics:

- Air-cooled, fully controlled hydraulic unit
- All 2-component-recirculation mixing heads, linear or transfer style, can be adapted
- Mixing head operation panel

#### Options (examples):

- Swiveling boom for an extended working radius
- Barrel- / Container stations
- Open / Close valves for automatic refill
- Heat exchangers
- Drip pan

# Plug & Produce with *PURe EasyLine* Fast – Reliable – Cost-efficient



Mixing head hydraulics, gear type volume sensors and external frequency converters



Compact control panel, integrated within the machine frame



Raw material containers with agitators, continuous control of filling level and automatic filling function (optional)



Pump assemblies (isocyanate side with high pressure filter), manual calibration valves

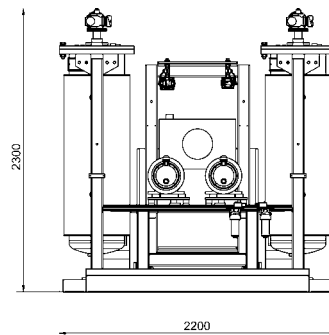
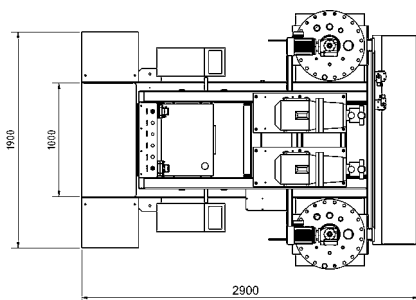


Mixing head operation panel



Cartridge type air dryer

## Machine data:



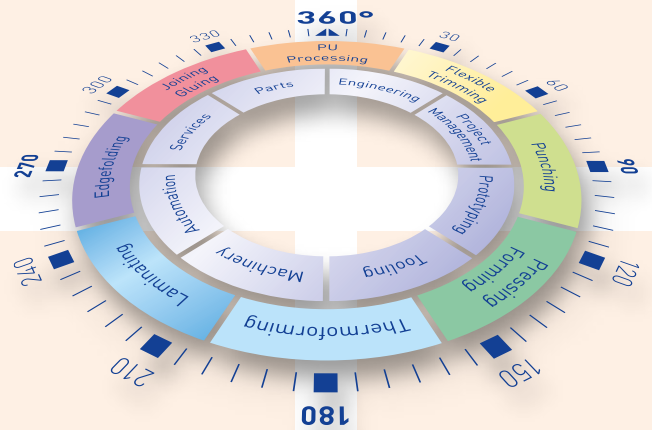
<b>Output rate</b>	from 0,4 l/min to max. 96 l/min (depending on pump size) at a mixing ratio of 1:1
<b>Dimensions (HxWxD)</b>	appr. 2.300 mm x 2.200 mm x 2.900 mm
<b>Weight</b>	appr. 2.400 kg, depending on configuration
<b>Material containers</b>	100l or 250l volume

## Benefits

- Cost-efficient  
PU-2-component high pressure mix- and metering machine
- Compact design and good accessibility to all components
- Manual or automatic operation
- State-of-the-art PLC, easy to operate
- Fully close loop controlled operation due to the use of flow meters in conjunction with frequency converters
- System allows the combination of different pump sizes
- Low-maintenance
- Fast start-up due to plug & produce concept



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