



TOMIX

Compounding and Recycling System

Functional range of TOMIX

- Carpet industry
- Mattress industry
- Paper industry



Coating system

Main tasks

- To mix powdered solids (particle size depending on application < 1 mm) continuously (inline procedure) with liquids. Up to 3 solids and 8 liquids can be mixed together.
- Alternative to batch compounding
- Alternative to ready made compounds
- Recycling carpet and mattress meal



Advantages

- TOMIX works with all known coating and foam mixing systems.
- Fully automatic production quantity adjustment.
Only the amount of compound required by the coating or foam mixing system is made.
- All components coming in contact with product are made of stainless steel
- Maintainable case
Pumps and mixing heads are easy accessible
- High flexibility through modular construction
- Low power consumption through use of modern gear motors



TOMIX compact system for small amounts and tests

Advantages compared with batch compounding

- High level of flexibility when creating formulae or changing formulae
- No cost-intensive batch compounding system is necessary
- No operating personnel are needed for batch compounding system. The TOMIX works fully automatically after the formula has been set.
- Production dependent manufacture of compounds. Only the amount of compound required is made
- Quick, cheap cleaning. Because the mixing unit is so compact there is very little waste to clean
- Environmentally-friendly
- Cleaning waste can be collected and fed into the production process again. No expensive waste removal.
- The TOMIX requires significantly less space than a batch compounding system



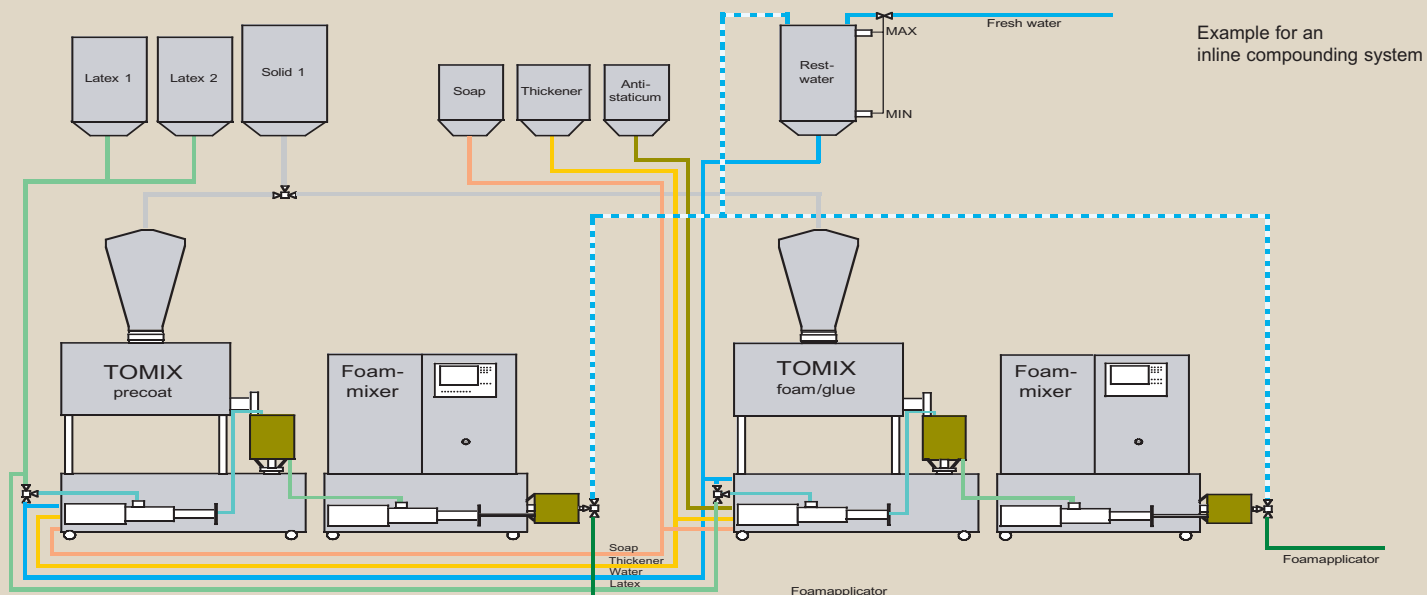
Advantages compared with ready compound

- High level of flexibility when creating or changing formulae
- TOMIX purchase costs are quickly depreciated compared with external compounding

Innovative technology

- Our innovative mixing procedure give an extremely homogeneous end product
- Viscosity up to a max. 15.000 mPa*s

Functional diagram



Technical data

- | | | | |
|---------------------------|-------------------|-------------------------|-------------------|
| • Product throughput * | max. 10.000 kg/h | • Weight ** | 1000 kg |
| • Product density * | 900 – 3.000 g/l | • Dimensions (L/W/H)*** | 2140/1020/2740 mm |
| • Product viscosity * | max. 15.000 mPa*s | • Power supply | 400 V/50 Hz |
| • Mixing head revolutions | 20 – 150 rpm | • Power consumption** | 5,5 kW |
| • Air consumption | approx 200 l/h | | |

* The data relates to the basic versions. Important here are the customer-related formulae.

** The data depends on the type of mixing head used and the number of additive or solid matter units.

***Production unit

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Progress by technical innovation

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