



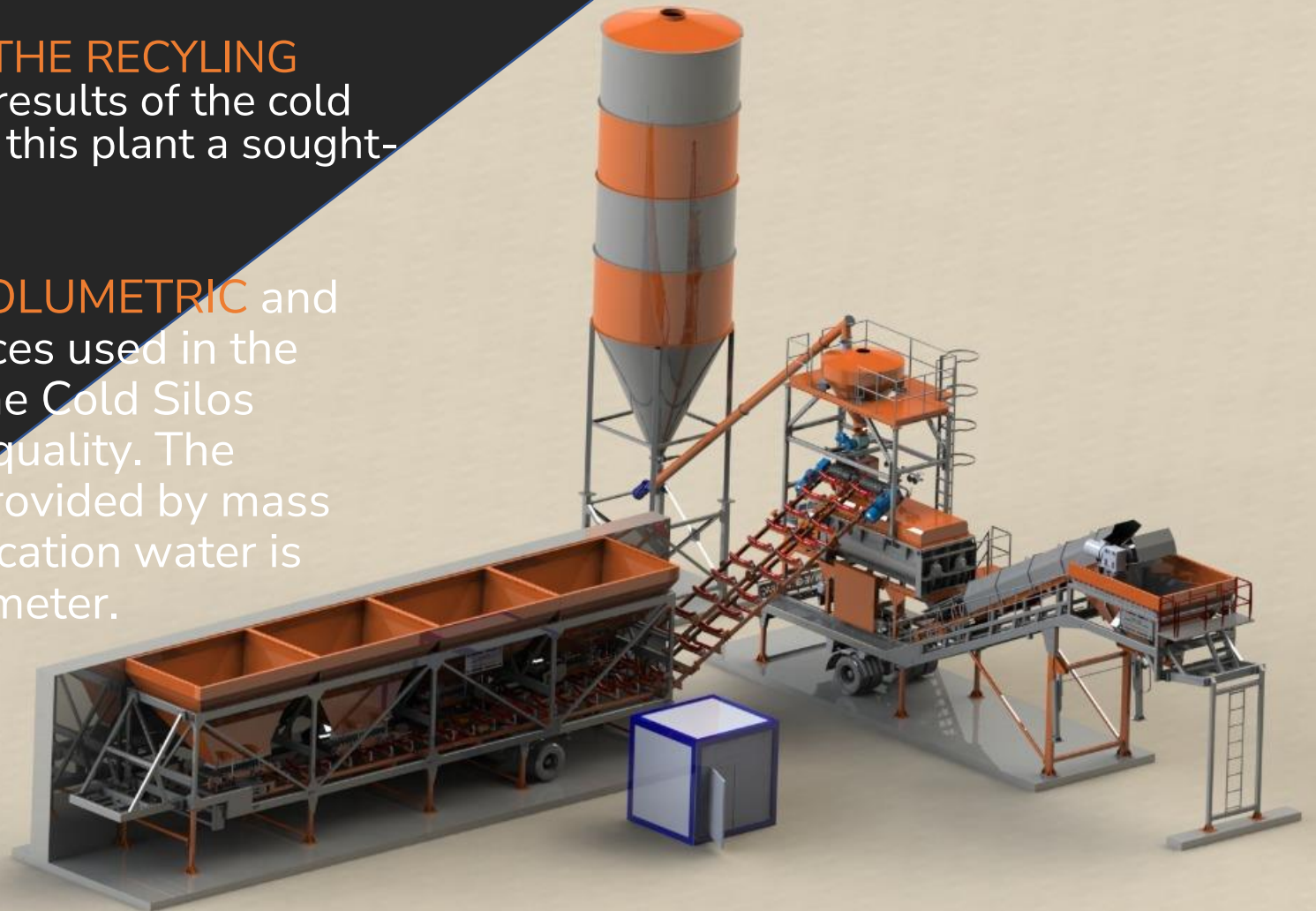
STAINMANN
Maschinenbau

COLD/WET MIX PLANT

Soil-cement or gravel-cement plants produce the base layer for the construction of highways. This type of work site means that these plants are required to produce huge amounts, which to a large extent will determine the speed of construction progress.

▷ **THE 100% UTILIZATION OF THE RECYCLING MATERIAL** and the excellent results of the cold mix in road applications make this plant a sought-after facility.

▷ **THE PRECISION OF THE VOLUMETRIC** and mass measurement tolerances used in the dosing of the materials of the Cold Silos directly affects the product quality. The bitumen emulsion used is provided by mass flow meter and the humidification water is provided by magnetic flow meter.



▷ **PRODUCT STABILITY IS ENSURED BY P.I.D AUTOMATIC CONTROL** of aggregate, bitumen emulsion, cement and water ratios, making operator intervention impossible.

▷ **THE SPECIALLY DESIGNED MIXER ENSURES A** homogeneous and stable mixture. Ni-Hard wear plates provide superiority over materials such as basalt and granite.

▷ **PRE-COATING APPLICATION** to provide cold mix diversity ensures superiority over other plants in terms of quality.

▷ **THE PLANT** is operated by only one operator.



FUNCTIONS



- 1 In order to fully meet customer needs, a customer-oriented design is offered depending on the type and quantity of application to be used. The plant prepares cold mixes for sub-base, bituminous base, binder and wear layers within the framework of different recipes using Recycling material.
- 2 Bitumen emulsions used as binders thanks to the developing chemical additives are the most important element of quality and stable cold mixes. Thanks to all kinds of excellence in accordance with international standards, it is inevitable that it will replace hot mix plants in the near future.
- 3 Convenience of installation, transfer, operation and operation thanks to the MOBILEe and stationary models of Coldmix plants, providing all functionality with one man and one button by using developing technology.
- 4 Commitment to product standards; quality control sustainability is an uncompromising rule. In addition, precoat technique is applied in the mixer for special mixtures such as wear layer.

FUNCTIONS



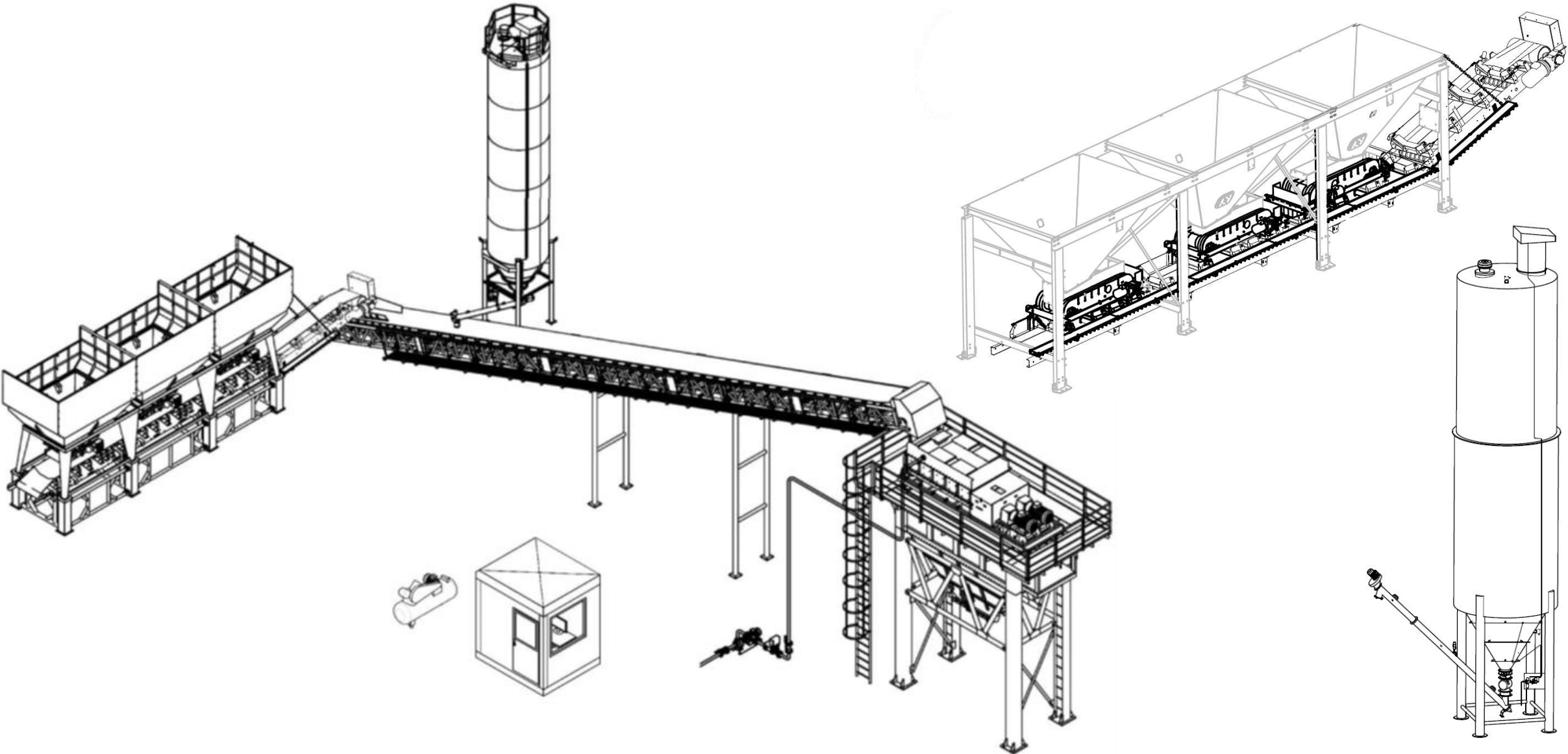
- 5 Machine ergonomics; transportation, installation and commissioning are quick and simple. Depending on customer requirements, cold silos can be diversified and increased.
- 7 Facility safety and occupational safety and worker health, international working rules are carried out without compromise. There is absolutely no CO₂ emission
- 9 Accurate reporting allows data to be processed and stored with modern instrument infrastructure.
- 6 Investment and operating costs and return on investment amortization are very fast and operating costs are minimized.
- 8 The system is sustainable and maintains production quality without dependence on anyone and is open to obtaining better cold mixtures thanks to diversified chemical technology.
- 10 Uninterrupted after-sales services are provided on a 24x7 basis all over the world.

TECHNICAL CHART



	200 MOBILE	400 MOBILE
CAPACITY (T/h)	200-300	400-500
CONTINUOUS PRODUCTION	✓	✓
PORTABILITY	MOBILE	MOBILE
MIXER MOTOR POWER	37kW x 1	37kW x 2
PRECOAT&DOUBLE COATING	✓	✓
NUMBER OF COLD SILO	3	4
AGGREGATE DOSING BAND CAPACITY	125 t/h	150 t/h
AGGREGATE DOSING BAND MEASUREMENT	Volumetric	Volumetric
AGGREGATE BELT SCALE	Mass	Mass
CEMENT SILO CAPACITY	30 T	50 T
CEMENT DOSING	Mass	Mass
PUMP CAPACITY	20 t/h	30 t/h
BITUMEN EMULSION DOSING	MASS FLOWMETER	MASS FLOWMETER
WATER PUMP CAPACITY	15 t/h	30 t/h
WATER DOSING	MAGNETIC FLOWMETER	MAGNETIC FLOWMETER
TOTAL POWER	83 kW	83 kW

PRODUCT OVERVIEW – FLOW CHART





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