



SITE ACCEPTANCE TEST



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MIXERS . TANKS . PIPING . M&E . AUTOMATION

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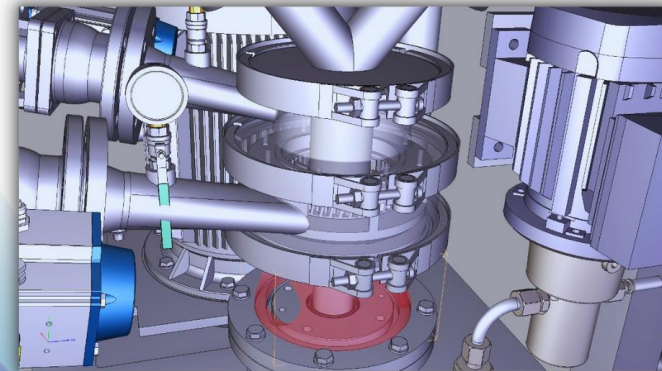
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"DYNAMIX INLINE MIXER"

An optimised result with a better uptime, higher raw materials efficiency and higher product quality



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Dynamix Inline Mixer in Integrated Mini Plant Concept



DYNAMIX INLINE MIXER

The Inline Mixer System Offers The Following Advantages:

- Dust-free handling without any loss of powder, no decanting, no exhaust systems, no filter systems are required
- Direct induction from sacks, weighing silos, bulk bags or IBC-powder containers
- Immediate and complete wetting, directly into the liquid stream, no partially wetted crust at the wall of the vessel and/or the mixing shaft
- Higher degree of dispersion compared to conventional mixing and dispersing principles
- Even liquids and gases may be inducted
- CIP-cleaning without disassembly
- The Inline Mixer placed outside of the process vessel in which all energy is concentrated into wetting and dispersing into a very small volume in the mixing head.
- Liquid and powder enter the mixing chamber from different inputs. They are dispersed in a rotor-stator-system and leave the mixing chamber completely wetted and dispersed through the liquid outlet of the chamber.
- Works both in Solvent and Water based

Powder Induction Rate

Powder Induction Rate (Kg/Min)				
Type of powder	132 kW	45 kW	22 kW	7,5 kW
Calcium Carbonate	450-650	340-490	310-450	10-15
Titanium	350-600	260-450	240-400	8-16
Aluminum Silicate	250-400	190-300	175-270	7-10
Fillers, Extenders, Talc	300-500	225-375	210-340	4-9
Light Pigments, Kaolin	120-300	90-225	80-200	4-9
Bentone	20-80	15-60	14-55	3-5
Silica, Aerosil	10-40	7-30	6-28	1-2