

EKATO SYSTEMS

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EKATO SOLIDMIX PORTRAIT

Advanced Process Solutions



EKATO GROUP

America Argentina Brazil Canada Chile Mexico USA Venezuela	Europe Austria Belgium Bulgaria Croatia Denmark Finland France Germany Greece Great Britain Ireland Italy Netherlands Norway Poland Portugal Russia Serbia and Montenegro Slovakia Slovenia Spain Sweden Switzerland Turkey	Africa / Asia / Australia Australia China Egypt Hong Kong India Indonesia Iran Israel Japan Malaysia Neuseeland Pakistan Philippines Saudi Arabien Singapore South Africa South Korea Taiwan Thailand Vietnam
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SERVICE

EKATO SYSTEMS Service worldwide
24h Service-Call:
+49 (0) 173 2494 111

- Engineering
- Retrofitting
- Start-up
- Maintenance contracts
- Training
- Repairs
- Modifications
- Spare parts
- Remote maintenance

921-01-057/2.000/04.10

Processing bulk solids is our business: Drying, mixing, granulation, melting, heating, cooling, wetting and much more. A team of experienced specialists designs, develops and supplies equipment, systems and modules for your process requirements.

EKATO SOLIDMIX was created in 1996 as a business unit of EKATO Rühr- und Mischtechnik GmbH and combines over 75 years of experience in mixing technology with the know-how of EKATO SYSTEMS plant engineering. EKATO SOLIDMIX offers its customers in the chemical, pharmaceutical, food and environmental industries:

- Competent process engineering advice
- Pilot-plant testing and reliable scale-up to commercial dimensions
- Design, manufacture and supply of mixing and drying systems
- Installation, commissioning and after-sales service guaranteed by a worldwide field engineering network



EKATO SYSTEMS assembly hall

Advanced Process Solutions



EKATO SOLIDMIX model series

APPLICATIONS:

- **Chemical industry**
 - Drying of fine chemicals
 - Polymerisation of plastics
 - Mixing and coating of catalysts powders
- **Pharmaceutical industry**
 - Drying of solvent moist APIs
 - Mixing of pill fillings
 - Drying of pharmaceutical intermediates
- **Food industry**
 - Sterilization of e.g. cocoa beans
 - Drying of spices
 - Decaffeination
- **Environmental industry**
 - Concentration of heavy metal legacies
 - Conditioning of fuels and other liquids with high boiling point



EKATO SOLIDMIX VSM 2500

1. **EKATO SOLIDMIX VPT Vertical Process Dryer**
Drying of products with problematic flow properties and a pronounced transition phase. Combination of reaction and drying in one machine.
2. **EKATO SOLIDMIX VPM Vertical Process Mixer**
Achieving highest homogeneity for products of all viscosities, from thin liquids via stiff lumpy pastes to fine powders
3. **EKATO SOLIDMIX VST Vertical Dryer for Solids**
Drying of free-flowing products
4. **EKATO SOLIDMIX VSM Vertical Mixer for Solids**
Gentle but thorough mixing of free-flowing bulk materials
5. **EKATO SOLIDMIX VGM Vertical Counterflow Mixer**
Bulk mixer for free-flowing solids with economic design and EKATO mixing technology
6. **EKATO Standard Agitator Modules**
Agitator vessel systems with close wall clearances, complete with accessories



Customers have the possibility to test and optimize their processes on all SOLIDMIX unit types in the EKATO SYSTEMS test facility.