High Efficient Axial Pump Impeller

**EKATO TORUSJET**

For Draft Tube Crystallizers or Reactors

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**Industries**

- Chemicals
- Agricultural
- Plastics

**Applications**

- Draft tube apparatus
- Continuous crystallization
- Butyl rubber reactors
- Polycondensation reactors

**Benefits**

- Efficient pumping and suspending
- Controlled evaporation
- Low shear on particles
- Controlled particle size distribution
- Larger crystals

**Features**

- Defined pumping rates
- Efficient axial pumping inside a draft tube apparatus or reactor
- Energy saving design
- Reduced motor power
The EKATO TORUSJET is the ideal impeller for draft tube applications like in continuous mass crystallization. Especially shaped blades minimize the shaft power for a constant flow rate and pressure drop. This provides a controlled particle formation process and allows the production of large crystals with a narrow particle size distribution.

**Continuous Mass Crystallizer**

Smooth redirection and guidance of the suspension flow, plus further reduction of shear on particles using a corresponding guide vane concept.