High efficiency and low shear widefoil impeller

**EKATO ISOJET B**

Crystallization, emulsion polymerization, multi-phase blending

### Industries
- Chemicals
- Polymers
- API production
- Consumer goods
- Hydrometallurgy

### Applications
- Crystallization
- Polymerization
- Multi purpose plants

### Benefits
- Low shear
- Smooth treatment of particles
- Efficient heat transfer
- Quick blend times
- Reliable suspending even under gassed conditions

### Features
- Axial pumping widefoil impeller
- Application in low to medium viscosity systems
- Homogeneous energy dissipation
- Minimum localized turbulence
Easy control of local power input, smooth treatment of solids, improved surface entrainment and multi-phase blending abilities. Easy customization of the mixing system including internal heat transfer arrangements such as horizontal coils. Significant improvement of heat transfer as well as blend time reduction, up to 30% in a comparable geometric environment.

Installation of a large ISOJET B for hydrometallurgy

Low shear - minimum localized turbulence

Polymerization reactor