Laboratory/Pilot Plant

Application is the focus
Pilot Plant Series X50

- Drive X50/10S
- Shaft LDT-1/S
- Jetstream mixing generator dia. 64/78 mm
- Stand SSU2 (stainless steel)

- Drive X50/10S
- Shaft LDT-1
- Dispermix-generator dia. 86/98 mm
- Stand SSU1 (stainless steel)

- Drive X50/10S
- Shaft LDT-1/S
- Dispermix-generator dia. 86/98 mm
- Operator interface with frequency converter
- Lift HG10 (mild steel painted)

- Drive X50/10FU
- Shaft LDT-1/S
- Dispersing-generator dia. 70 mm
- Operator interface for drive with integrated frequency converter
- Lift HG19 (stainless steel)

Production series X100/X200

Production machine with exchangeable shafts
- Removable / exchangeable shafts
- Exchangeable generators
- Easy to clean
- No interruption of production during cleaning
- Batch sizes approx. 50 – 2000 litres
- Available generators:
  - Jetstream mixer
  - Mix-disperser (DISPERMIX)
  - Disperser (rotor/stator)
  - Disperser (dissolver)
  - Stirrer

Series X100: 2.2 und 5.5 kW
Series X200: 5.5 und 11 kW

Pilot plant/Production systems

- For product development and production
- For scale-up
- Batch sizes approx. 3 – 50 litres
- Process technologies:
  - Induction of powder into liquid
  - Inline dispersing
  - Jetstream mixing, mix-dispersing, batch dispersing in the vessel
  - Induction of powder from hopper or directly from any type of container
- All drives controlled by frequency converter
- Piping, armatures, sensors
- Modular design

ystral.com

Scope of supply:
Jetstream mixers
DISPERMIX mix-dispersing machines
Batch dispersing machines
Inline dispersing machines
TDS powder wetting machines
Processing systems

Consulting
Planning
Project planning
Machine manufacturing
Processing systems
Commissioning
Service

ystral gmbh
maschinenbau + processtechnik
Wettelbrunner Straße 7
D-79282 Ballrechten-Dottingen

Telefon: 07634 – 5603-0
Telefax: 07634 – 5603-99
E-mail: ystral@ystral.de