

MINI-POLYGRAN[®] PLUS



GERTEIS
MASCHINEN + PROCESSENGINEERING AG

YOUR DRY GRANULATION EXPERTS

TECHNOLOGICAL BENEFITS

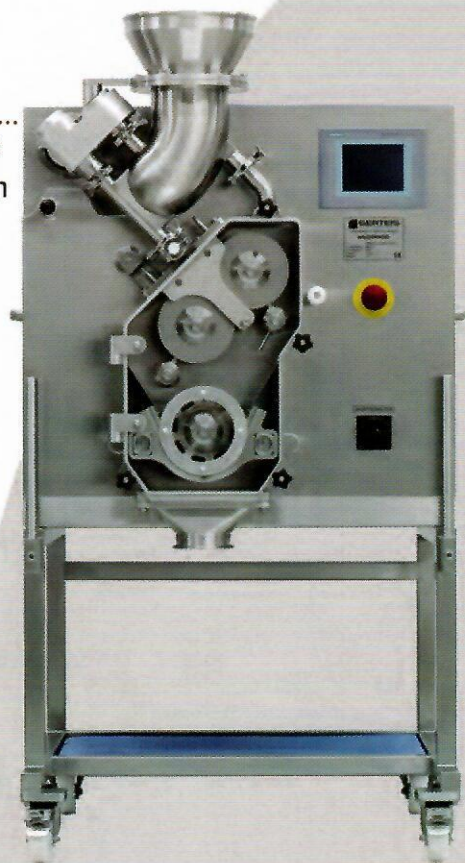
- ▶ New feeding system guarantees a constant powder feed per batch
- ▶ Virtually no excess heat with the GERTEIS[®] patented roller design
- ▶ Highly convenient placement within your facility
- ▶ Constant product quality and properties
- ▶ Reduced Parts for rapid cleaning procedures
- ▶ Validated force and gap measurement
- ▶ Longer dwell times due to the large roll diameter
- ▶ Easy scale-up to production batches
- ▶ Ideal for pharmaceutical, food and chemical laboratories
- ▶ For development, pilot plant, clinical and small scale production

ADDITIONAL OPTIONS

- ▶ Advanced OEL Design <math>< 5 \mu\text{g}/\text{m}^3</math>
- ▶ Wash-in-place cleaning
- ▶ Different roller surfaces, optimized for your product
- ▶ Integrated two-step granulation system

YOUR DRY GRANULATUON EXPERTS

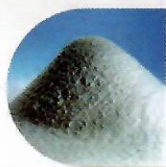
- ▶ Technical centers for conducting test trials
- ▶ Application know-how for pharma, food and fine chemicals
- ▶ Realizing user specific machine configurations
- ▶ Close academic cooperation with various universities
- ▶ Conducting pharmaceutical roller compaction seminars
- ▶ Excellent worldwide technical and scientific support
- ▶ Validation documentation & support - CFR 21 Part 11
- ▶ Alternative configurations / overall design solutions
- ▶ POLYGRAN[®] applications for the pharmaceutical-, food- & chemical industry
- ▶ Constantly setting industry standards with the latest in dry granulation technology



DEVELOPMENT, PILOT PLANT, CLINICAL AND SMALL SCALE PRODUCTION - 10 g PER TRIAL UP TO 40 kg/h.

TECHNICAL DATA

PRESS FORCE	1 - 15 kN/cm
ROLER SPEED	0.5 - 10 rpm
GAP	1 - 4 mm
WEIGHT	500 kg



THE FASTEST WAY FROM THE IDEA TO THE MARKET

