



# MINI-POLYGRAN<sup>®</sup> 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<sup>®</sup> 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 <5 µg/m<sup>3</sup>
- ▶ 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<sup>®</sup> 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	<b>1 - 15 kN/cm</b>
ROLER SPEED	<b>0.5 - 10 rpm</b>
GAP	<b>1 - 4 mm</b>
WEIGHT	<b>500 kg</b>



THE FASTEST **WAY** FROM THE **IDEA** TO THE **MARKET**

