

# POLYGRAN®



**GERTEIS**  
MASCHINEN+PROCESSENGINEERING AG

YOUR DRY GRANULATION EXPERTS

### TECHNOLOGICAL BENEFITS

- ▶ Validated gap and force measurement
- ▶ Fully instrumented
- ▶ Easy scale-up to production
- ▶ Perfect gap seal system
- ▶ Process data acquisition
- ▶ Variable gap design
- ▶ Easy assembly due to reduced interchangeable parts
- ▶ Advanced feeding hopper design for all process requirements
- ▶ Adjustable screen clearance to optimize particle size distribution

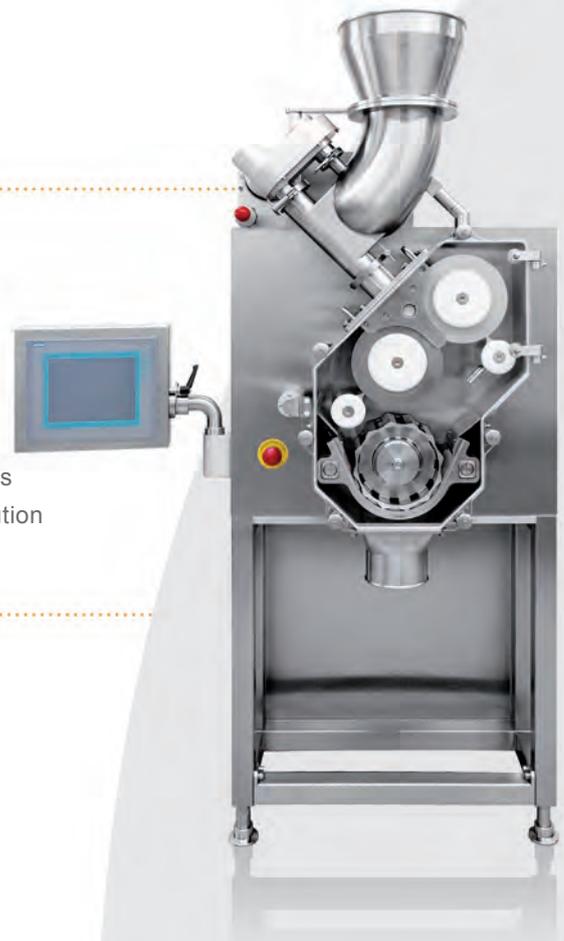
### ADDITIONAL OPTIONS

- ▶ Different roller surfaces
- ▶ Variable screen mesh sizes
- ▶ Operator interface with touch screen panel
- ▶ Recipe management
- ▶ Process data archiving
- ▶ CFR 21 Part 11 compliancy
- ▶ OPC-Connection
- ▶ Integrated 2-step granulation system

### YOUR DRY GRANULATION EXPERTS

- ▶ Realizing user specific machine configurations
- ▶ Worldwide excellent technical and scientific support
- ▶ Close academic cooperation with various universities
- ▶ Conducting pharmaceutical roller compaction seminars
- ▶ Providing complete, ready to use manufacturing units
- ▶ Validation documentation & support
- ▶ POLYGRAN® applications for pharma-, food- & chemical industry
- ▶ Setting the industry standard with the latest in dry granulation technology

EXCELLENT VALUE FOR MONEY!



DEVELOPMENT, PILOT PLANT, CLINICAL AND FULL SCALE PRODUCTION – 500 GRAMS UP TO 300 kg/h

TECHNICAL DATA	
PRESS FORCE	1-15 kN/cm
ROLLER SPEED	2-20 rpm
GAP	2-5 mm
WEIGHT	1200 kg



THE FASTEST WAY FROM THE IDEA TO THE MARKET

