

# MACRO-PACTOR®

### TECHNOLOGICAL BENEFITS

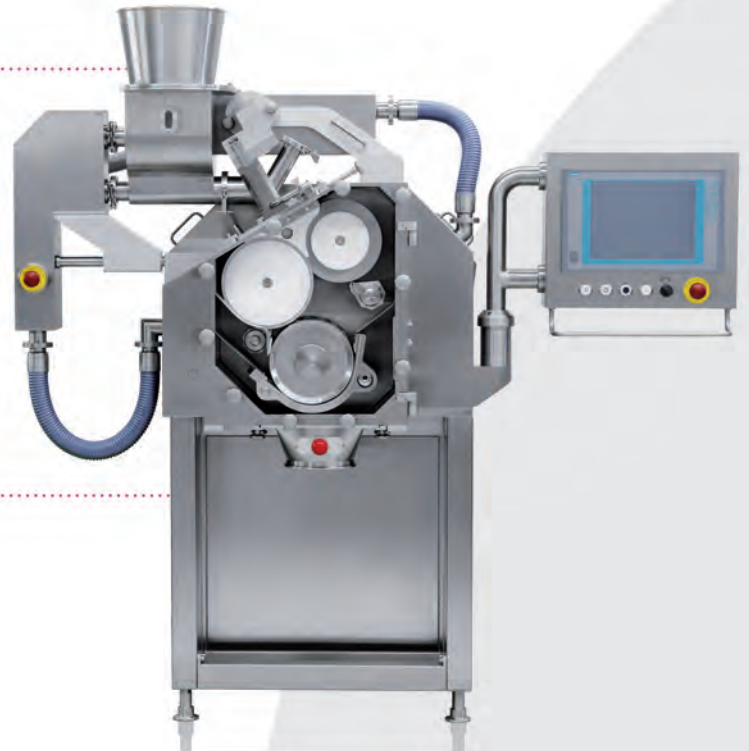
- ▶ Sophisticated real world calibration & protocols
- ▶ Qualified gap and force measurement
- ▶ Fully instrumented
- ▶ Constant ribbon density
- ▶ Easy scale up to production
- ▶ Perfect gap seal system
- ▶ Process data acquisition
- ▶ Free floating gap design
- ▶ Standard OEL < 3µg/m<sup>3</sup>

### ADDITIONAL OPTIONS

- ▶ WIP/CIP
- ▶ Vacuum deaeration
- ▶ Different roller surfaces
- ▶ Press roller & mill cooling
- ▶ High containment solutions
- ▶ Built in PAT control system
- ▶ Separate feed funnel for small quantities
- ▶ Operator Interface with industrial PC solutions
- ▶ Advanced OEL Design < 1µg/m<sup>3</sup>

### YOUR DRY GRANULATION EXPERTS

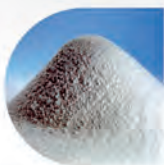
- ▶ Excellent isolator design
- ▶ Split valves on feed and discharge
- ▶ Excellence in ultra-high containment
- ▶ Realizing user specific machine configurations
- ▶ Close academic cooperation with various universities
- ▶ Conducting pharmaceutical roller compaction seminars
- ▶ Worldwide excellent technical and scientific support
- ▶ Providing complete, ready to use manufacturing units
- ▶ Validation documentation & support - CFR 21 Part 11
- ▶ PACTOR® applications for pharma-, food- & chemical industry
- ▶ Setting the industry standard with the latest in dry granulation technology



**DEVELOPMENT, PILOT PLANT, CLINICAL AND FULL SCALE PRODUCTION - 100 GRAMS UP TO 400 kg/h**

#### TECHNICAL DATA

PRESS FORCE	<b>1-20 kN/cm</b>
ROLLER SPEED	<b>1-30 rpm</b>
GAP	<b>1-6 mm</b>
WEIGHT	<b>1700 kg</b>



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

