

# CordenPharma Plankstadt Development Capabilities

## ➤ Oral Solid Dose Forms Technical Development Lab: 100 g - 1 Kg

- High Shear Granulator (TMG- Glatt)
- Fluid Bed Granulator (mini-Glatt)
- Sieving Equipment (GFS60)
- Bin Blender (CML10)
- Tablet Press (Korsh XL200)
- Tablet Coater (Glatt GC-1)

## ➤ Oral Solid Dosage Forms in Development Lab: 1 - 5 Kg

- Dry Granulation (up to 10 Kg) Via Slugging Process
- High Shear Granulation (up to 5 Kg) – Diosna P1-6 & P10-60
- Fluid Bed Drying – (Glatt WSG5), Strea 1, Unilab 05, Niro Aeromatik MP1
- Fluid Bed Granulation (50 g - 7 Kg) – Unilab 05 (005 insert) + Niro Aeromatik MP1
- Fluid Bed Coating
  - Tangential Spray up to 0.7 Kg in Unilab 05 (005)
  - Top Spray & Bottom Spray in Precision Coater in MP1 - up to 7 Kg
- Capsule Filling (5000 caps/h) with 100% Weight Check – Bosch GKF 130
- Compression – Fette 102i
- Tablet Coating (up to 5 Kg) – Glatt Coater, Glatt GC2

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## ➤ Oral Solid Dosage Forms in Development Lab: 5 Kg – 20 Kg

- Dry Granulation (BRC25 Bohle Roller Compactor)
- High Shear Granulation – Diosna P25 & P60
- Fluid Bed Drying – Diosna CAP60 (as CCS 60 granulation / fluid bed line)
- Fluid Bed Granulation – Diosna CAP60 (tangential & top spray)
- Fluid Bed Coating – Diosna CAP60 (tangential & top spray)
- Compression – Fette 102i (also for bilayer, 3-layer tablets, minitables)
- Tablet Coating – Bohle BFC50 Tripan (4-50 Kg)

## ➤ Scale up Facilities for Oral Solid Dosage Forms at Pilot Plant Scale (in Production Plant) For Highly Potent Products:

- High Shear Granulation (40 – 60 Kg) – Diosna P250
- Dry Granulation
- Direct Compression (20 – 120 Kg) - Fette 2090i
- Fluid Bed Granulation (40 – 60 Kg) – Aeromatik S5
- Stick Packs (100 packs/min)
- Tablet Coating (70 - 120 Kg) – Manesty 48" & 60"