



Feeding & conveying

Injection and Blow Moulding - business area -

▶ Material Storage

- outdoor storage silos
- indoor material bins
- indoor textile silos
- positive pressure silo loading system



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General presentation

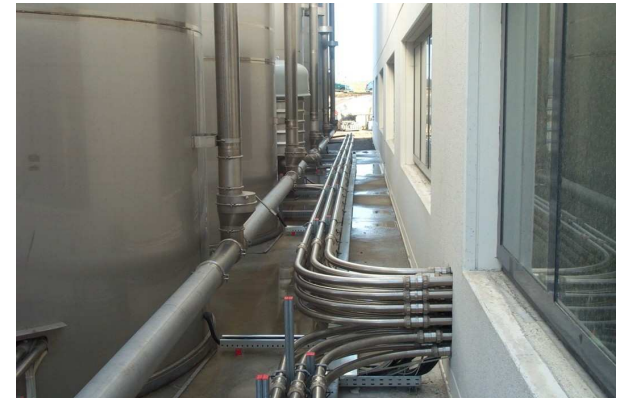
Material Storage

- big-bag unloading system
- octabin unloading system
- indoor material bins
- filtering and dust separation system for silo loading



Material Distribution

- customized piping installation
- wall piping
- duct piping
- floor piping
- under-mazzanine piping



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General presentation

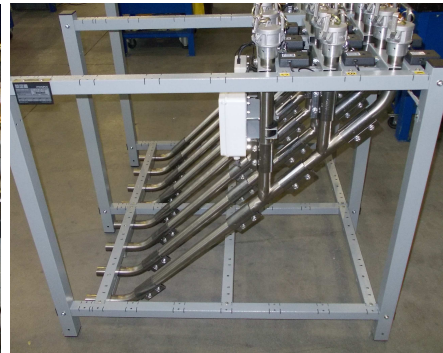
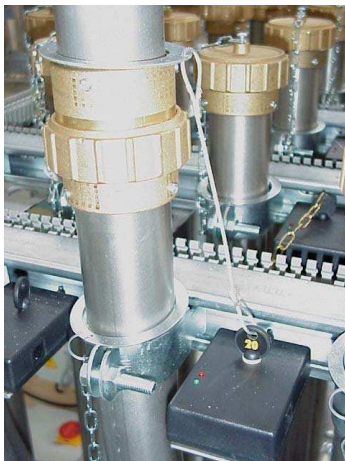
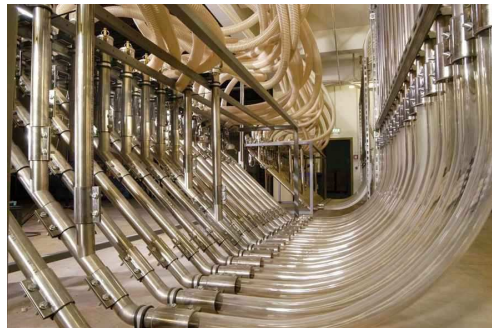
▶ Material Distribution

- material selection valves
- silos suction boxes
- piping with glass bends
- piping with ceramics bends
- piping with stainless steel bends



▶ Material selection

- manual coupling station
- manual coupling station with tagging system
- modular execution



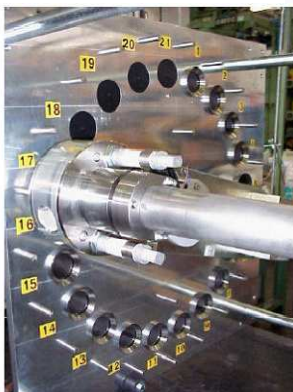
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General presentation

▶ Material selection

- automatic coupling station:
 - motor with inverter
 - Clutch positioning controlled by encoder
 - Reversible rotation



Injection and Blow Moulding - business area -

conveying

single phase hopper loaders



three phase hopper loader
three-phase vacuum unit + material receivers

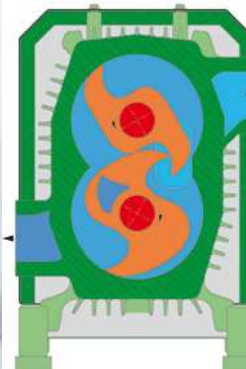
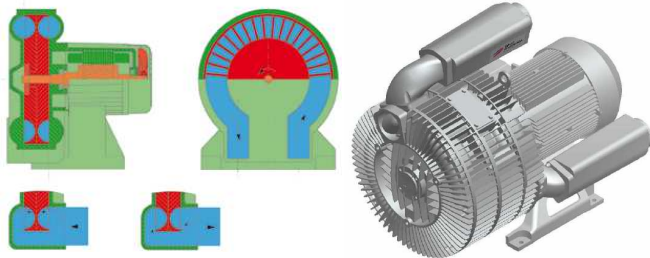
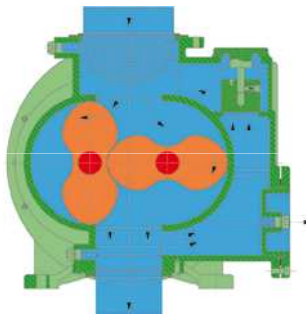


 **conveying**

vacuum units:

- side channel blower
- single stage
- 2-stages
- 3-stages

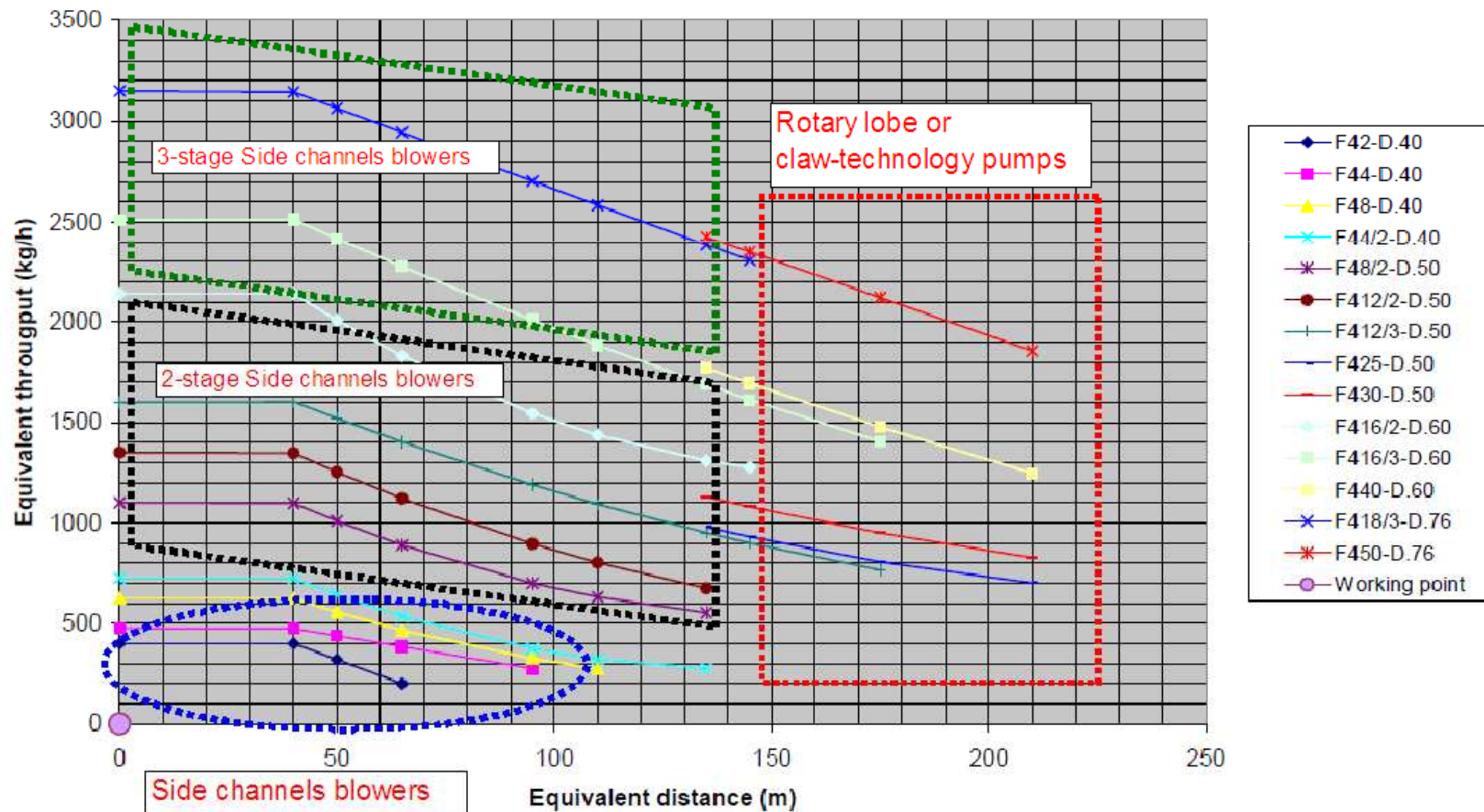
rotary lobe blower
claw technology pumps



 **conveying**

vacuum units: side channel blower, rotary lobe blowers, claw technology pumps

Working condition on the max equivalent distance situation



 **conveying**

Material receivers:
Stainless steel body
with modular execution
with sight glasses
with glass ring



 **conveying**

VARYO controlled vacuum generation (inverter driven blower)

Cooled vacuum units for hor material conveying

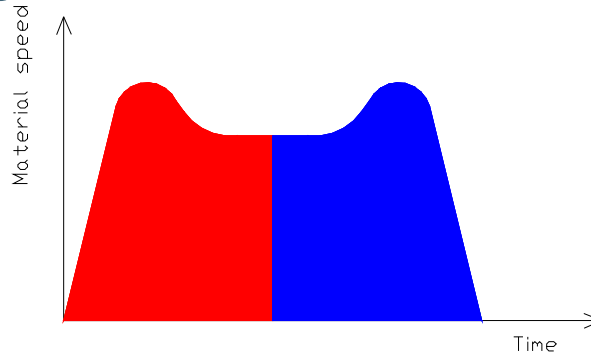
Double-blower execution

Stand-by pump

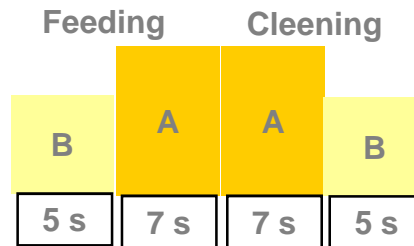


 **Conveying: Varyo vacuum units**

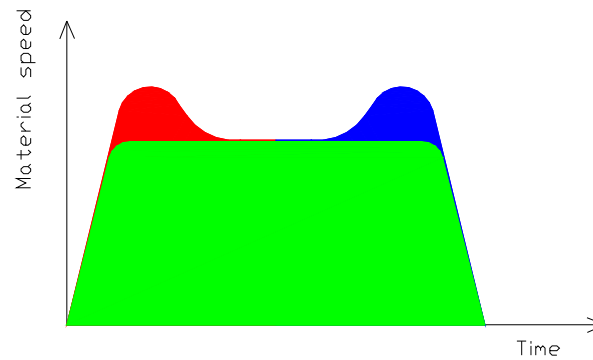
Standard feeding



Varyo concept

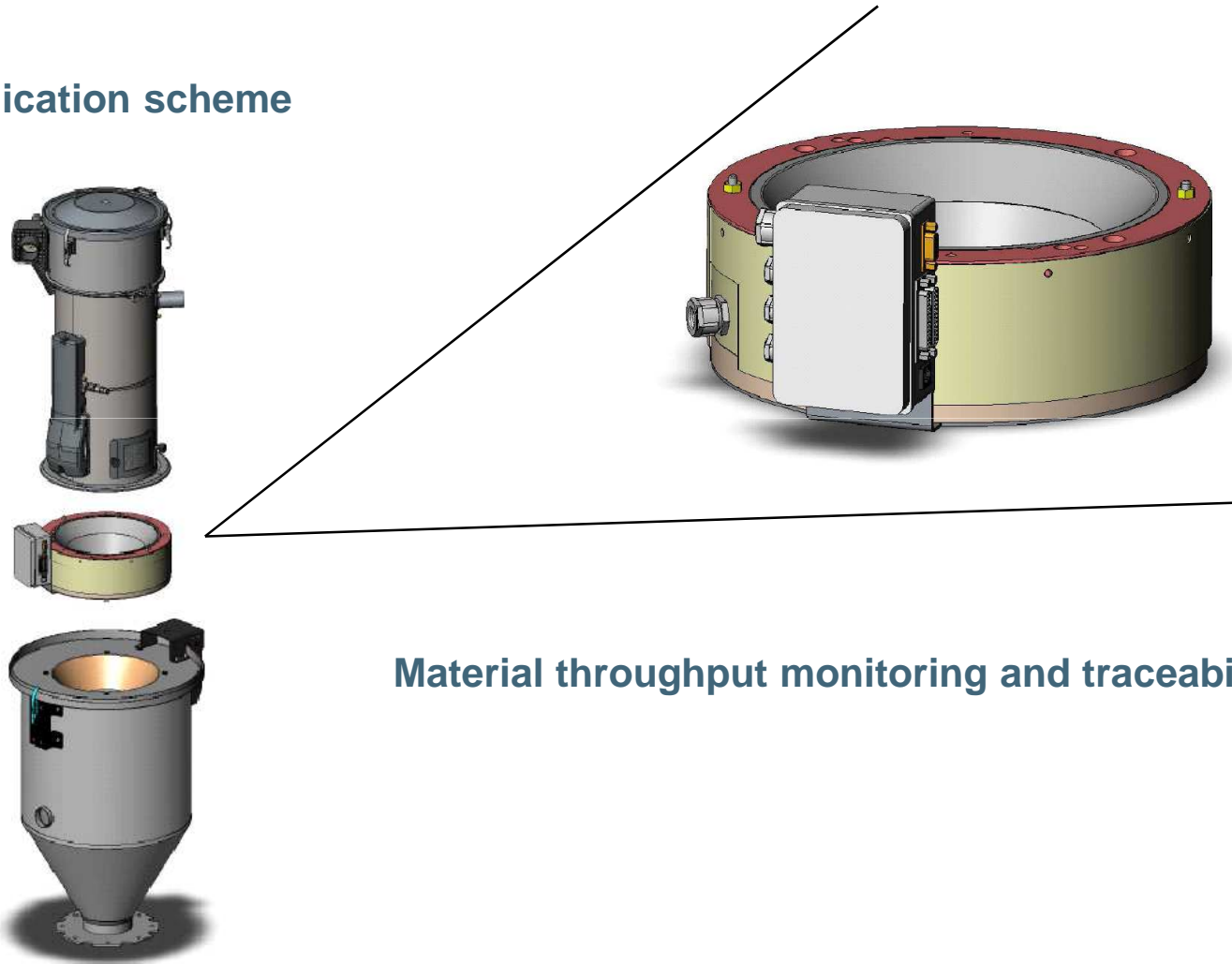


Varyo feeding



▶ **Conveying: Weighing ring**

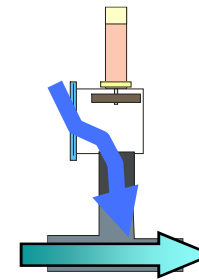
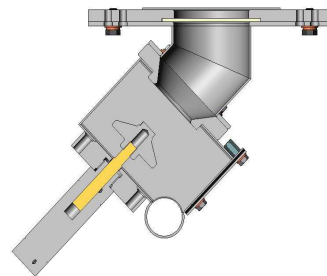
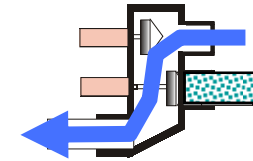
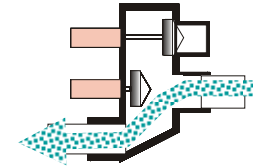
Application scheme



Material throughput monitoring and traceability

 **Accessories**

- pipe cleaning valves
- batch conveying suction boxes
- material selection valves
- Easy3 control keypad
- Touch screen control panel



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