

**PIOVAN**  
**ASIA PACIFIC Ltd**

# Company Profile

**PIOVAN**

Customers. The core of our innovation

- Founded in 1934
- In plastics industry since 1960's
- Head Quarters in ITALY
- Five global manufacturing facilities
- Presence over 50 countries
- World leaders in auxiliary equipment's
- Certified ISO 9001:2000



ITALY



USA



Brazil



Germany



CHINA

# GrowthPath

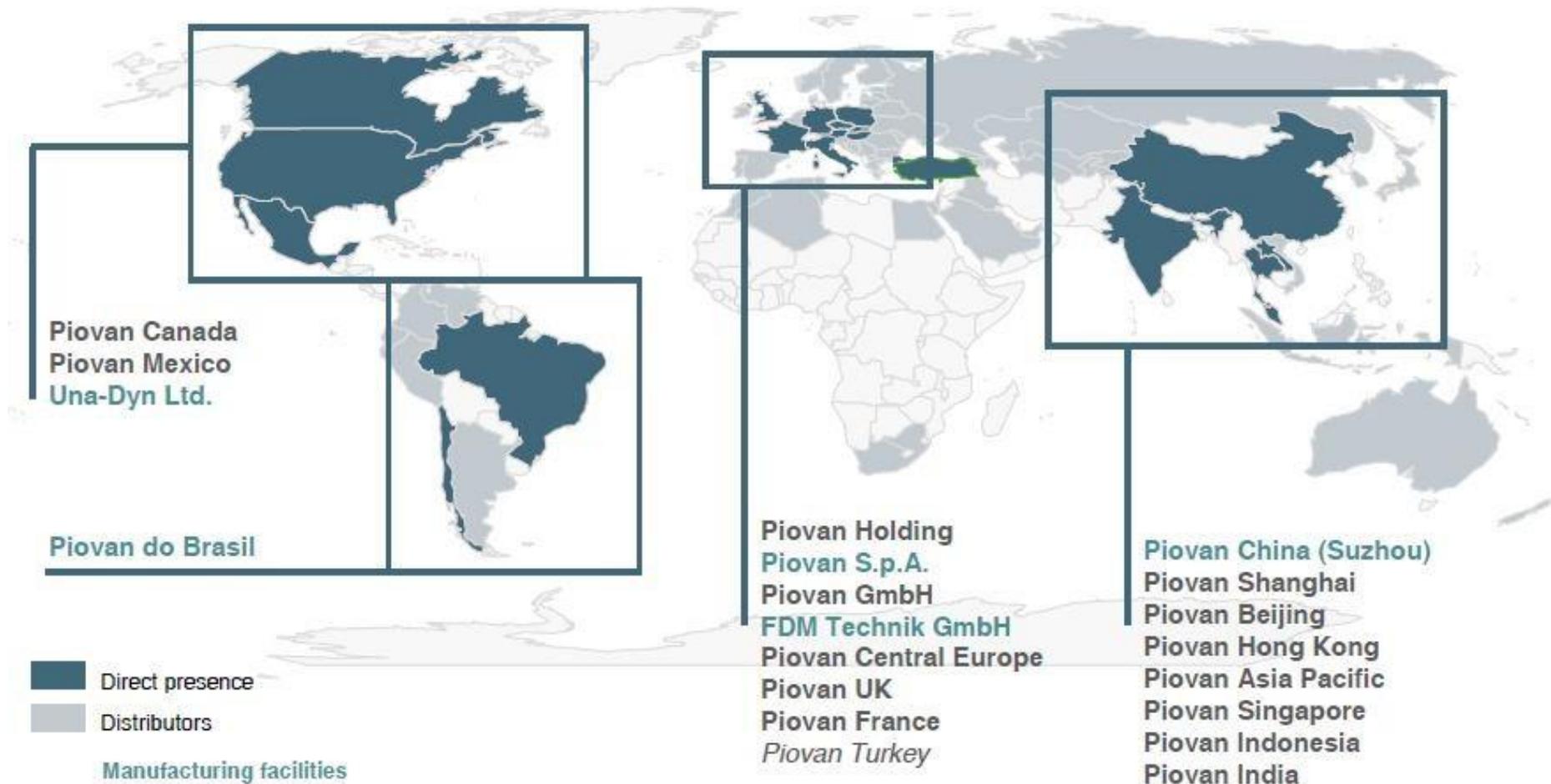
The main steps of a dynamic group  
Through 50 years of business in the plastic industry



# Global Presence

**PIOVAN**

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# Market Segments



**Solutions for Injection & Blow Moulding system**



**Solutions for PET preform**



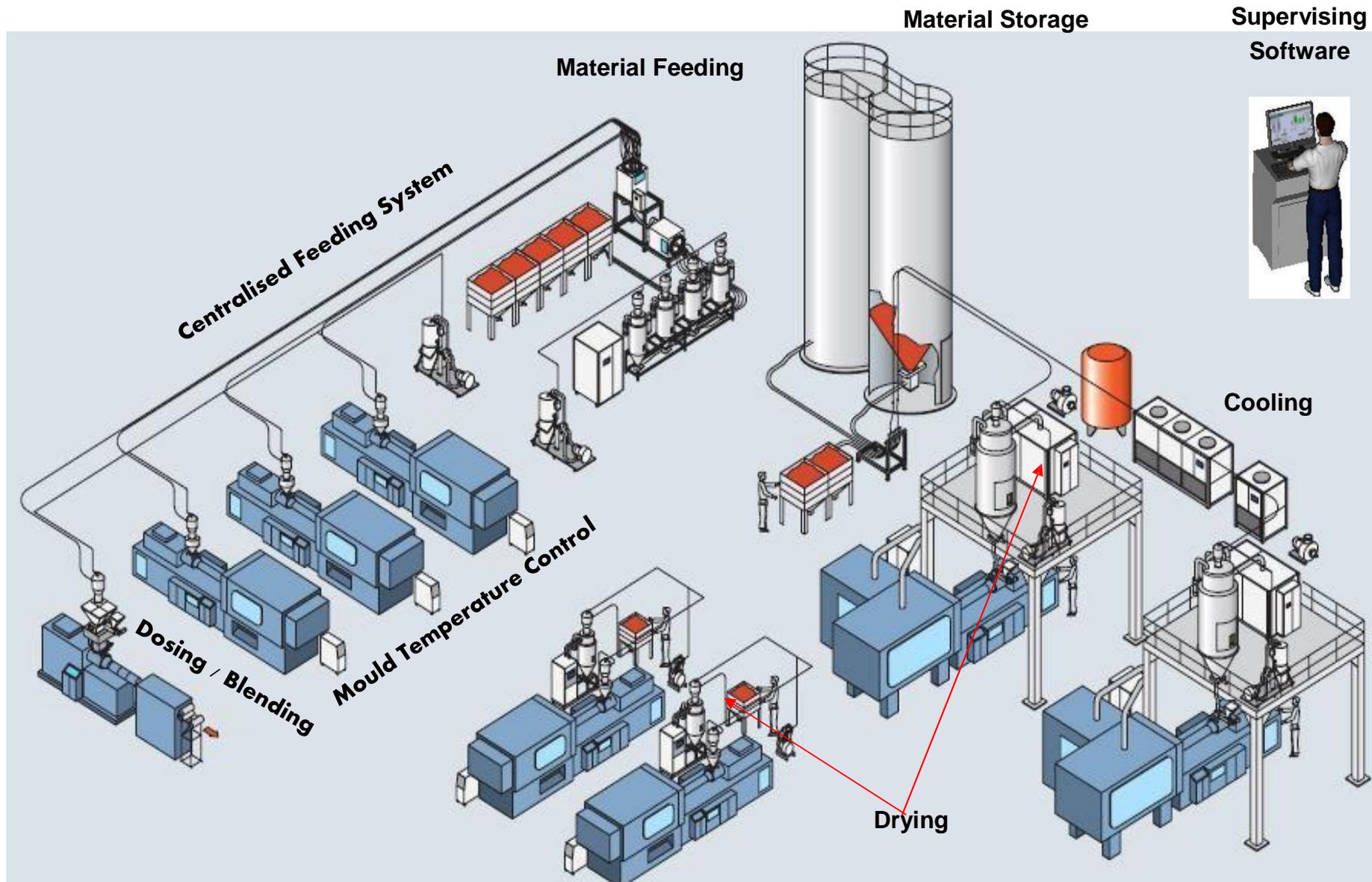
**Solutions for Extrusion system**



**Process Water Cooling**

- Centralised Drying & Feeding
- Centralised Feeding, Dosing, Centralised monitoring
- Blown Film (Multi-station gravimetric blending with line control)
- PET Sheet, PET Strap, Monofilament (Crystallizer)
- Water Chillers
- PET preform (resin and mould dehumidifier, conveyor, MB dosing, chiller)
- Gas burner for PET resin dehumidifiers
- Centralised Mould dehumidification
- Bottle / Preform recycling and de-dusting solution
- Optical disc

# Typical Auxiliary M/c's



# Material Handling

- From Silo to machine receivers
- Dust free environment
- Completely automatic conveying operations
- Dedicated Easy3 control system



# Material Dehumidification

- Dehumidified air with dew point  $< -50^{\circ}\text{C}$
- Consistent quality process air, with  $0.1^{\circ}\text{C}$  precision
- Optimisation of energy usage, due to exclusive devices
- Air flow from  $0.2\text{ m}^3/\text{h}$  to  $5000\text{ m}^3/\text{h}$



# Mould Dehumidification

- Overcomes mould condensation (sweating)
- Functioning in all atmospheric conditions, all year round
- Increase in the number of moulding cycles
- Airflow: 400 m<sup>3</sup>/h to 2900 m<sup>3</sup>/h



# Material Dosing / Blending

- Volumetric / Gravimetric dosing & blending units
- Precision & repeatability, with automatic adjustment to set values
- Optimised regrind management
- Over 300 recipes programmable



# Material Granulator

- Recovery of sprue / discarded components
- Dust free regrind
- Reduced noise level & energy consumption
- Operator safety devices



# Temperature Controller

- Mould Temperature Controller (MTC)
- Fluid mediums: Oil, Water & Pressurized water
- Precise fluid temperature +/- 0.4 °C
- Minimized quantity of heating power used
- Temperatures: min 90 °C to max 250 °C



# Water Chiller

- Air condensed / water condensed chiller
- Cooling capacity: 6.6 kW (2 Tr) to 1060 kW (300 Tr)
- Energy efficient systems

Water Cooled

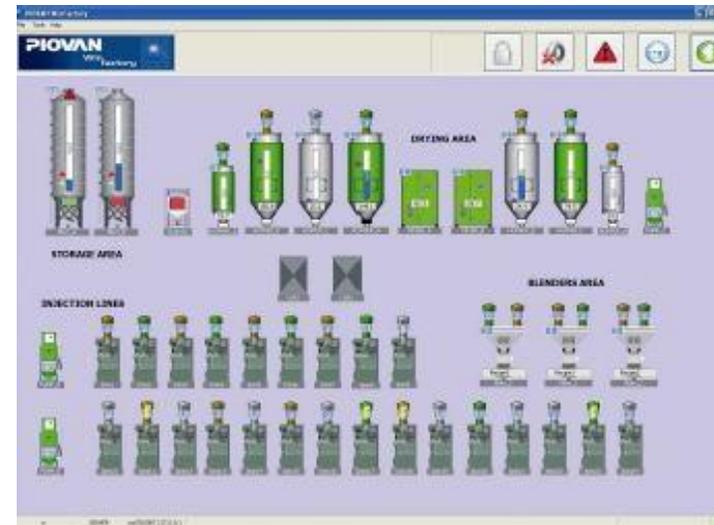


Air Cooled



# Central Monitoring Software

- **Win Factory:** Integrated management system
- Ability to control & change parameters remotely
- Multi level password access
- Control of Piovan equipment's from one computer screen
  - Storage (Silo control)
  - Feeding system
  - Dryer
  - Dosing & blending



# Contact us

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