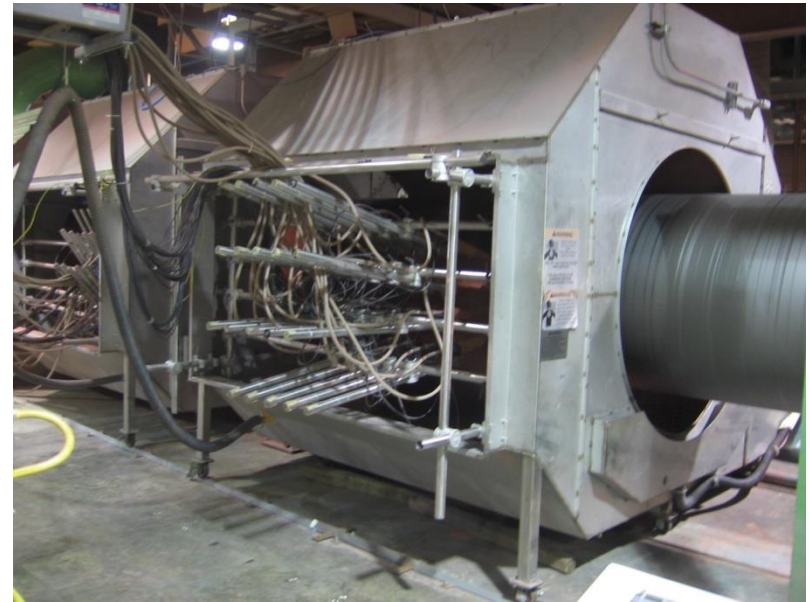
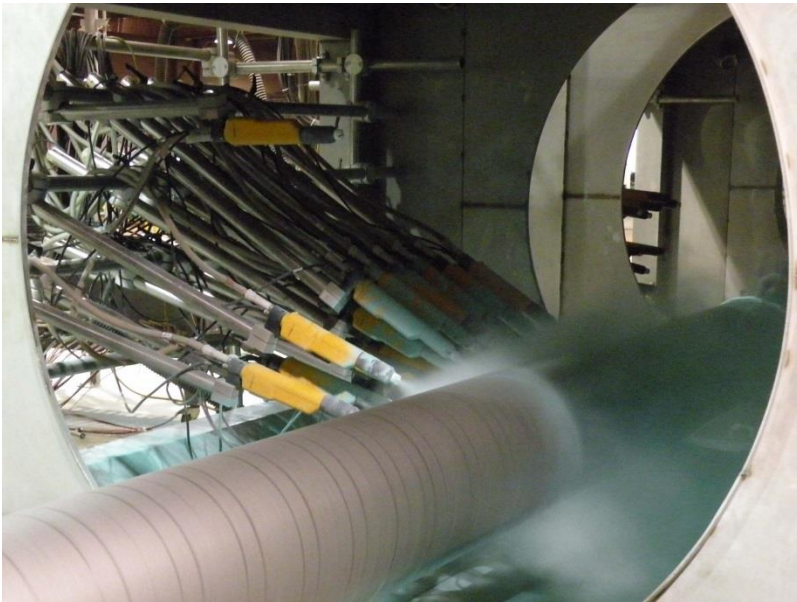


Application Example

Application System for Pipe Coating



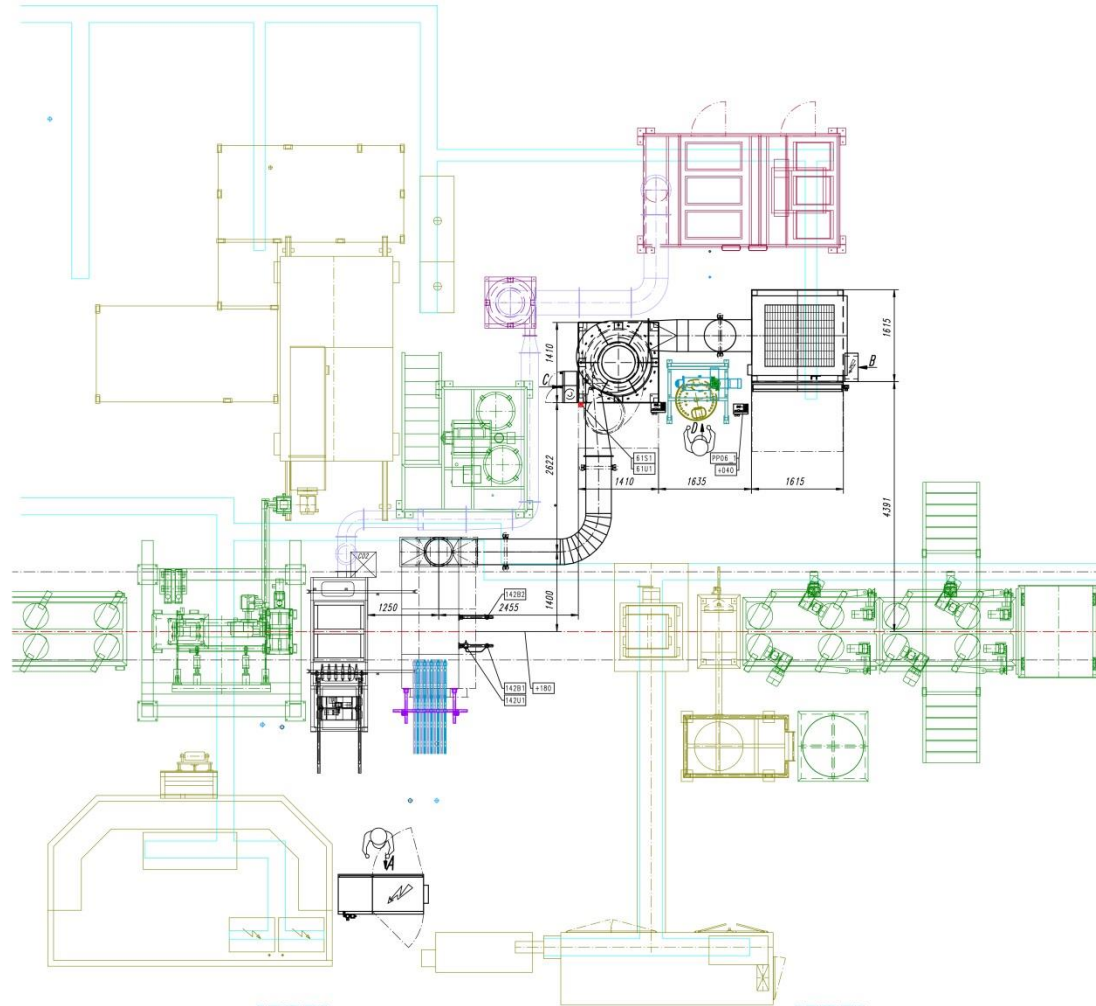
Better Film
Thickness Control

Reduce Powder
Consumption

Centralized
Process Control

Application Example

Booth Layout for a single-layer Pipe Coating system



Application Example

General Installation Key Data

Parts: Pipes
Length = 6 - 25 m
Diameter = 100 - 2500 mm

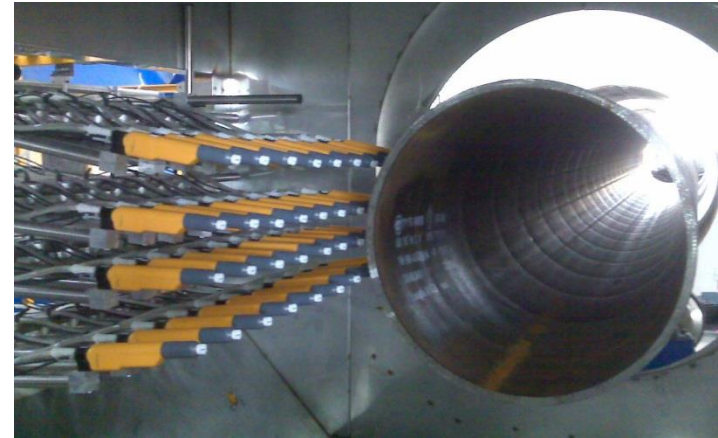
Conveyor Speed:

Individual for each pipe diameter

Scope of Gema Delivery

Adaptable to each production capacity
and layer thickness:

- 1 x MagicControl CM30
- 8-30 x Gun control OptiStar
- 8-30 x OptiGun GA03
- 8-30 x Injector OptiFlow
- 1 x Powder hopper
- 1 x Fresh powder system



Application Example



Customer Expectations:

The market demand for pipe coating systems is driven by

- Increased production flexibility for different applications such as single/double or 3 layer systems
- Increased production capacity (Coated m²/h)
- Higher quality expectations regarding layer thickness distribution

- Automatic adaptation of the coating parameters for each pipe diameter and required layer thickness
- Efficient powder recovery
- Automatic fresh powder supply
- Maintenance free 3-shift operation
- Quick service and part supply

Results using Gema products:

Based on the long term experience of GEMA in the pipe coating industry combined with the latest application technology, customers achieve outstanding, repeatable high quality coating results. Efficient powder recovery systems guarantee perfect usage of the powder. The CM30 touch panel PLC controls the entire coating process and allows repeatable coating results at any time.