Efficient Special Paint Supply Systems

Many different colors

EcoSupply P

- Efficient pig technology
- Log pig life cycle
- Shortest color change times
- Modular system
- Retrofitable
Special Paint Supply Systems
EcoSupply P solutions to reduce waste

- Less paint usage
- Less paint loss
- Less consumption of rinsing medium
- Less waste

- System without additional stubs to connect the robots
- Systems with additional stub to connect the robots
Basic Single Pass System DN9
Paint loss optimized: Nearly 100% recovery of paint

The EcoSupply P Basic Single Pass System DN9 offers a cost-effective solution to reduce paint loss from the paint system to the robots with paint recovery at the end of the application.

The connection of the robots will be realized with piggable distributors.

This system can easily be connected with the existing application units, e.g. as a substitute for non-piggable mini ring line systems.

Paint system on customer request

Source/Target mounted at Dürr paint system

1 pig hose per side of booth

Distributor mounted at Dürr Color changer or connected to competitor’s color changer with central channel
Basic Single Pass System DN9
Standard pig parts for Basic Single Pass System

Source/Target module
Distributor module
Pig hose DN9
Pig DN9
Basic Single Pass System DN9
Paint loss optimized: Nearly 100% recovery of paint

EcoMCC3 color changer

EcoSupply P, Distributor 2-channels
Basic Single Pass System DN9
Paint loss optimized: Nearly 100% recovery of paint

Advantages
- Simple system
- Minimized number of valves / complexity
  Only 1 valve per system and robot/take off
- Control of valve by robot control or take off
  No solenoid valve technology and electrical installation from Supply P control necessary
- Distributor available with 2 or 4 channels

Restrictions
- No reduction of paint usage
- Depending on inner diameter DN9
  high pressure loss ➔ Number of take offs per side of booth = 4
Basic Single Pass System DN9
Control units local and remote

Main Cabinet
Extension Cabinet

User interface

Electrics
Pneumatics

Intrinsically safe remote user interface
Basic Single Pass System DN9
System components and products
EcoSupply P Reference
Installed systems: 553

- Austria 9
- Belgium 17
- France 21
- Germany 171
- Czech Rep. 2
- Hungary 19
- Italy 21
- Netherland 40
- Poland 43
- Spain 12
- Sweden 22
- UK 13
- Slovakia 6
- Argentina 2
- Brazil 6
- China 36
- Mexico 14
- Russia 6
- South Africa 6
- Turkey 4
- USA 32
Subject to change. The information in this presentation contains only general descriptions or performance characteristics, which may vary in different cases. The requested performance characteristics are only binding if they are expressly agreed in the contract.