



reddot winner 2020
best of the best

EcoProFleet

AGV system for paint shops

FLEXIBLE TRANSPORT SYSTEM

Flexible, versatile paint shops are an essential feature for future vehicle production. The **EcoProFleet** from Dürr is the first automated guided vehicle (AGV) developed specifically for paint shops. It removes the constraints imposed by inflexible production lines and provides adaptable transport.

DESIGNED FOR PAINT SHOPS

The **EcoProFleet** AGVs are resistant to paints and solvents and can be cleaned easily. With an overall height of only 255 mm, they can travel without problems under any work zone or conveyor system to supply, transfer or collect vehicle bodies. As a result, they work perfectly together with the interfaces.

THE BENEFITS FOR YOU OF EcoProFleet



Flexible transport system that connects the body storage area, the work zones and the final inspection department

No fixed conveyor system required

More easily adapted to new vehicle models and production processes

Cleaner, more easily accessible production areas

Integrated safety system

Intelligent control system connected to **DXQ**control

Technical data



INTELLIGENT CONTROL SYSTEM FOR EcoProFleet

DXQcontrol is the perfect complement for **EcoProFleet** systems. The intelligent control system ensures that all the AGVs are in permanent productive operation and that transport orders are completed as required. As a result, the production stations can work at full capacity.

MAXIMUM EFFICIENCY AND FLEXIBILITY

DXQcontrol from Dürr is an integrated, intelligent control system for the use of AGVs across all levels. When combined with **DXQcontrol**, the **EcoProFleet** transport system ensures maximum efficiency and flexibility in the production process.

EcoProFleet	
Length/width/height	2,850/255/1,450 mm
Maximum load capacity	1,000 kg
Energy storage	48V capacitor technology
Communication	Secure Wi-Fi
Safety equipment	Two safety laser scanners (360 °)
Navigation	Free-moving/optical tracking
Control system	Industrial programmable logic controller

THE BENEFITS FOR YOU OF DXQcontrol



Easy management of all production and transport orders in real time

Status and cycle monitoring

Transporting items from their source to their final destination

Management and interim storage of loads in large storage areas

Visualizing the status of all conveyor systems and EcoProFleet vehicles

Controlling the conveyors and AGVs



CONTACT

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