

E-SHUTTLE 200 COMPACT CONVEYOR SYSTEM FOR COATING PROCESSES

SMALL AND COMPACT – TWO KEY BENEFITS OF E-SHUTTLE 200.

Powerful combination of technologies

E-Shuttle 200 is a compact, space-saving conveyor for pretreatment and dip-coating in the automotive industry. Its unique combination of a shuttle system and pendulum technology ensures quick and efficient coating – making it ideal for high throughputs. At the same time, it delivers a consistently high-quality surface finish.

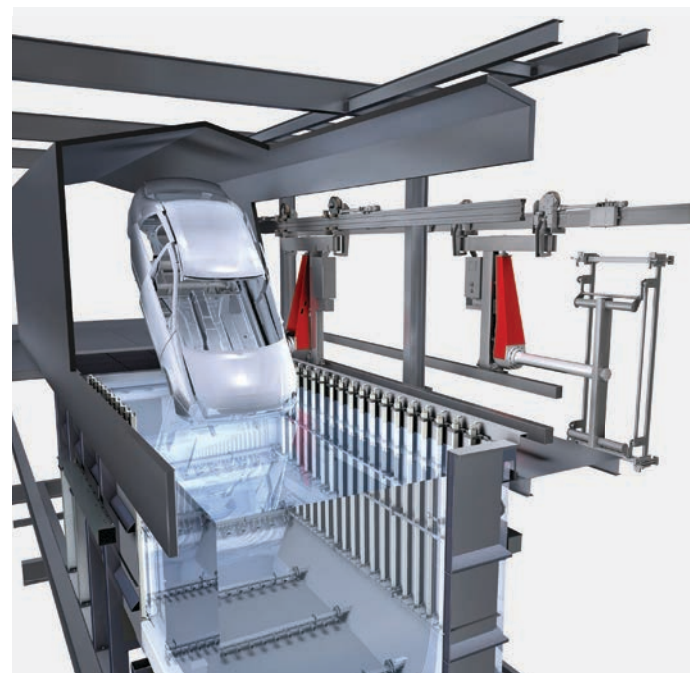
The shuttle method

E-Shuttle 200 transports vehicle bodies through the process baths for pretreatment and electro-dip coating on individual trolleys. The bodies turn through 360° in the baths. The shuttles have on-board controllers that allow specific process times to be programmed for each bath and body type. In addition, certain baths can be omitted. And with continuous position sensing, E-Shuttle coordinates all movements system-wide.

One of the world's lowest system heights

The E-Shuttle 200 comprises two freely programmable axes – one horizontal and one rotation axis. A pendulum frame is attached to the rotation axis. It is connected to the skid holding the vehicle body at both ends via a driveless pendulum. The pendulum frame enables a slim-line, compact design by eliminating the need for a lifting axis. Depending on the configuration, the system can be as little as six meters high. Moreover, the pendulum frame can be folded away on the return path to save even more space. And the

combination of a shuttle system and pendulum technology means shorter baths can be installed. With its compact design, E-Shuttle 200 is highly suited to brownfield plants.



E-Shuttle 200.



E-SHUTTLE 200 COMPACT CONVEYOR SYSTEM FOR COATING PROCESSES

THE RIGHT SYSTEM, WHATEVER THE REQUIREMENTS – OUR PRETREATMENT AND DIP-COATING PORTFOLIO:

Pendulum conveyor	E-Shuttle 200	E-Shuttle 300	Vario Shuttle	Electrified monorail (EMS)
Simple and robust	Compact design	Maximum flexibility	Heavy-duty version (for heavy bodies)	XL version (large bodies)
Large bodies up to 2,400 kg	Standard bodies up to 1,000 kg		Standard bodies up to 1,500 kg	Large bodies up to 2,400 kg
Continuous mode	Continuous or synchronized mode			Synchronized mode
Roof up	Roof down	Roof up/Roof down		Roof up

← Up to 120 JPH*

20 JPH*

*Jobs per hour

Advantages at a glance

- One of the world's lowest system heights, thanks to compact, space-saving design
- Ingenious pendulum technology for simple rotation
- Ideal system for brownfield plants

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