Shuttle E9-2800

AUTOMATED CONCRETE TRANSPORTATION FOR INCREASED PRECAST PRODUCTION CAPACITY

The concrete distribution shuttle has been designed for concrete distribution on a two-rail track from the batching and mixing plant to an intermediate silo or to a casting machine. The concrete distribution shuttle is suitable for straight and curved tracks. Shuttle E9-2800 has polyurethane wheels and either two-wheel or four-wheel drive.

The travelling motors of the shuttle are inverter-controlled. The shuttle bucket is discharged by turning it upside down by means of an inverter-controlled gear motor.

The shuttle is provided with programmable logic control and sensors that respond to the counter plates of the track. The shuttle travel on the track is controlled by the PLC, and the shuttle receives instructions from the current rails at the stopping places. It can also be manually operated by remote control.

The mantle of the shuttle bucket is made of wear-resistant steel. To secure fluent operation even in heavy working conditions, the shuttle construction is protected against damages caused by water and concrete.

This shuttle type is available in following water volume sizes: 1900, 2300 and 2800 liters.

Shuttle E9-2800

FACTS

Facts about Shuttle E9-2800

Water volume	2800 l
Speed	Up to 5 m/s

BENEFITS AT A GLANCE:

Speeds production

Fast and automatic transportation of concrete to the casting place increases production capacity.

Long transportation distances

Fast travelling speed allows transporting concrete even to remote discharge points.

Improves working conditions

Polyurethane wheels ensure low noise working environment.