

Are you in demand of high-quality technological equipment which will enable you and your products the best possible surface protection and extend the lifetime of your products?
Do not hesitate to contact us!

We will be more than happy to find the best solution to meet your individual needs!
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3S transport – SOP Shuttle System

Transport and workpiece manipulation.



Transport

Efficient and reliable transport system is critical part of equipment on any painting line. Modern automated conveying and manipulating systems enables fast, safe and cost-efficient manipulation of parts through complete production lines.

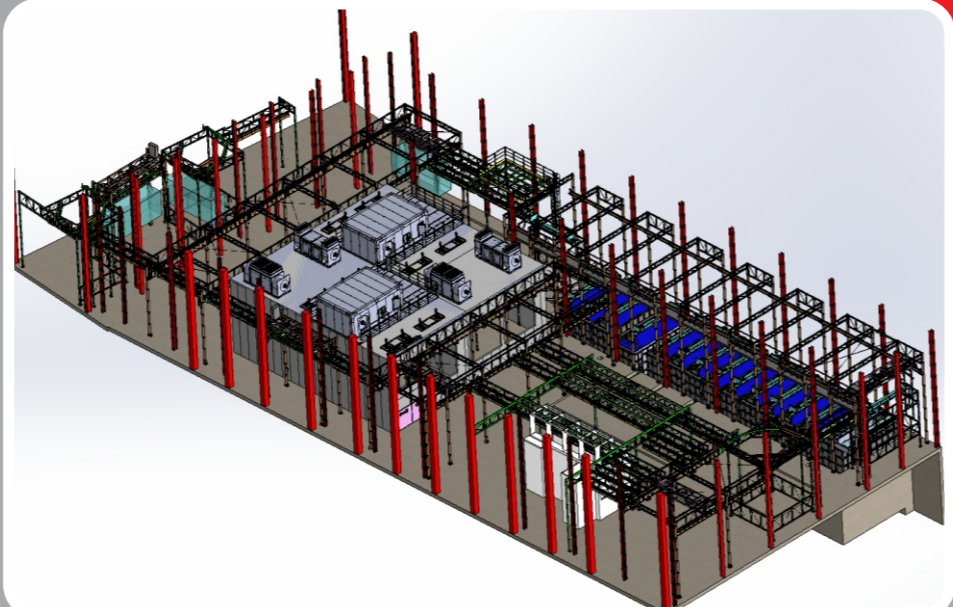
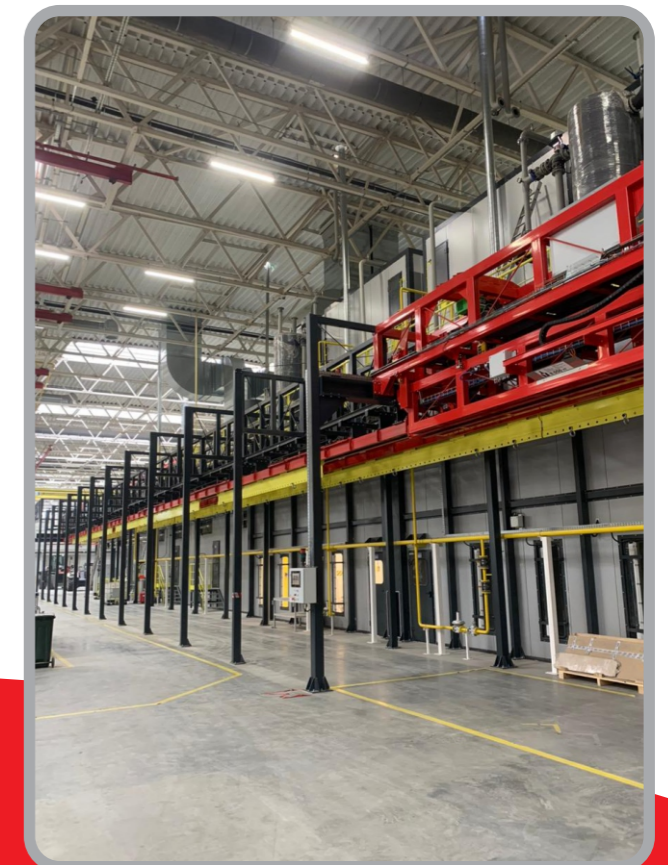
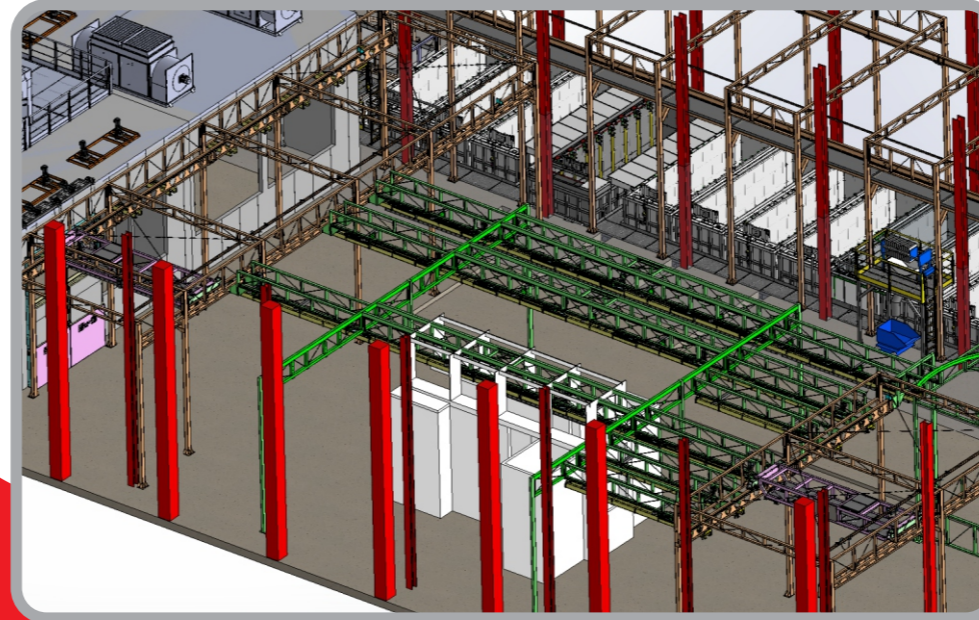
According to the parts specifics, space availability, process requirements and production capacities optimal conveying solution is defined.

Customers are facing most challenging manipulation with long and heavy parts. Therefore, SOP International has developed conveyor type **3S – Sop Shuttle System**.



Most commonly used manipulation systems are:

- P+F overhead conveyors
- Single overhead conveyors
- Heavy-duty crane systems
- Process elevators
- Hydraulic hoisting tables
- Conveyor tables
- Super power pushers
- Mobile lifts
- Pneumatic trolleys



Other types and technical specifications can be provided upon customer's request.

Advantages:

- Low maintenance and operating costs;
- Highly adjustable processing; each load bar can be individually programmed and followed through the line
- Full line status control and parameters recording
- Less space required; no need for big curves and turns

With its flexibility can be used for manipulation through pre-treatment, wet coating, powder coating, e-coating and other assembly lines.

3S comes in two standard options:

➔ **3S-2T**

- And following technical characteristics:
- Load capacity: up to 2.000kg/load bar
- Length: up to 15m
- Longitudinally speed:adjustable up to 15m/min
- Transversally speed: adjustable up to 15m/min
- Lifting/lowering speed:adjustable up to 10m/min

3S-10T

- ➔ And following technical characteristics:
- Load capacity: up to 10.000kg/load bar
- Length: up to 15m
- Longitudinally speed:adjustable up to 15m/min
- Transversally speed: adjustable up to 15m/min
- Lifting/lowering speed:adjustable up to 10m/min

System enables highly adjustable manipulation with:

- Longitudinal drives
- Transversal drives
- Turning stations
- Lifting stations
- Buffering positions
- Return load bar lines
- Others

