

## STADLER

Bussnang, Switzerland

### DELIVERY IN 2017

Blastman B20S robot

Blastman BP1100 blast pot

2 x Blastman B16ML manlifts

Offline programming software

Blast room modification design

Abrasive handling update



### OBJECTIVE

Automate blast cleaning

Improve quality and efficiency

Improve health and safety of operators

### PROCESS INFORMATION

#### **Workpiece**

- Passenger coaches

#### **Workpiece condition**

- New production, rust grade A-B

#### **Pressure**

- 7,5 bar

#### **Abrasive**

- Aluminium oxide

#### **Nozzle / robot**

- 2 x 16 mm

#### **Efficiency**

- 2,5 h for car exterior ~120 m<sup>2</sup>/h

#### **Typical manual blasting efficiency**

- 10-15m<sup>2</sup>/h per worker for a similar process

#### **Cleanliness**

- Sa 2,5 / Sa 3