

NATIONAL STEEL CAR

Hamilton, Canada

1 st DELIVERY IN 1997

2 Blastman B20 and 2 B16 robots

2 nd DELIVERY IN 2004

2 Blastman B20 and 2 B16 robots

Blast vessels

Offline programming with a simulation application

3 rd DELIVERY IN 2014

2 Blastman B20 robots

4 th DELIVERY IN 2016

2 Blastman B16S robots

5 th DELIVERY IN 2019

2 Blastman B20S robots

2 Blastman B16XS robots

"We've been using Blastman Robotics at our facility for over 20 years. Our original robots held up to near constant use for over 15 years in the extremely harsh blasting environment and most recently we have upgraded to the newer servo models. These robots have allowed us to continue our high production rates as well as maintaining quality and efficiency in our blasting process. Their support staff have been extremely helpful in troubleshooting any issues, allowing us to keep production downtime to a minimum. We would recommend Blastman robotics for anyone's blasting needs."

Matt Leahy, National Steel Car ,Canada

OBJECTIVE

Automize production

Improve quality and efficiency

Improve health and safety of operators

PROCESS INFORMATION

Workpiece

- Various types of freight cars

Workpiece condition

- New production, rust grade A-B

Pressure

- 8 bar

Abrasive

- Steel grit

Nozzle / robot

- 2 x 19 mm

Efficiency

- 150 – 300 m²/h

Typical manual blasting efficiency

- 5 -10m²/h for a similar process

Cleanliness

- Sa 2,5