

ABB POWER TRANSFORMERS AB

Ludvika, Sweden

1st DELIVERY IN 1989

Blastman B20C robot

2nd DELIVERY IN 2016

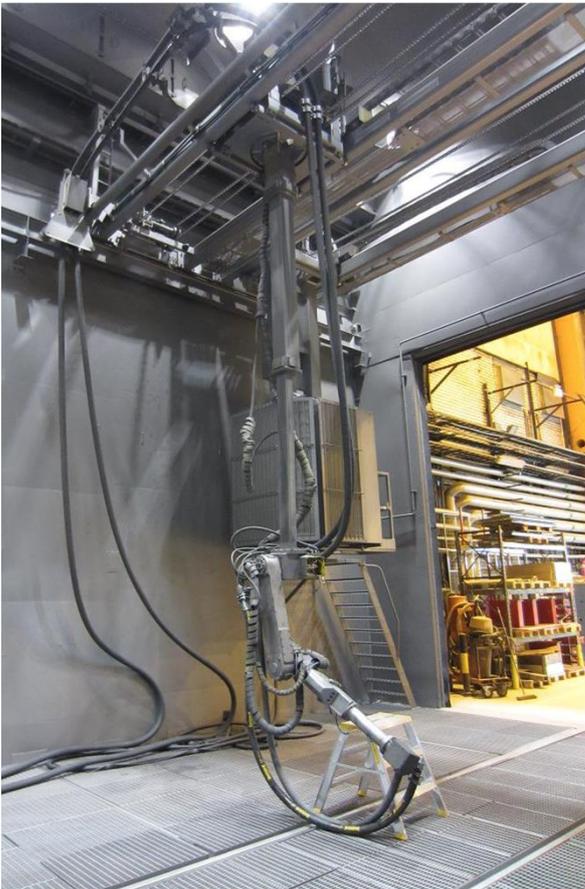
Blastman B20C-S robot

Blast vessel

Blastroom improvements

3rd DELIVERY IN 2017

Blastman B20ML manlift



Picture taken from 25 years old robot right before retirement.

OBJECTIVE

Automize production

Improve quality and efficiency

Improve health and safety of operators

PROCESS INFORMATION

Workpiece

- Transformer cases

Workpiece condition

- New production, rust grade A-B

Pressure

- 8 bar

Abrasive

- Steel grit

Nozzle / robot

- 1 x 19 mm

Efficiency

- 70 – 250 m²/h

Typical manual blasting efficiency

- 5-10 m²/h for a similar process

Cleanliness

- Sa 2,5