

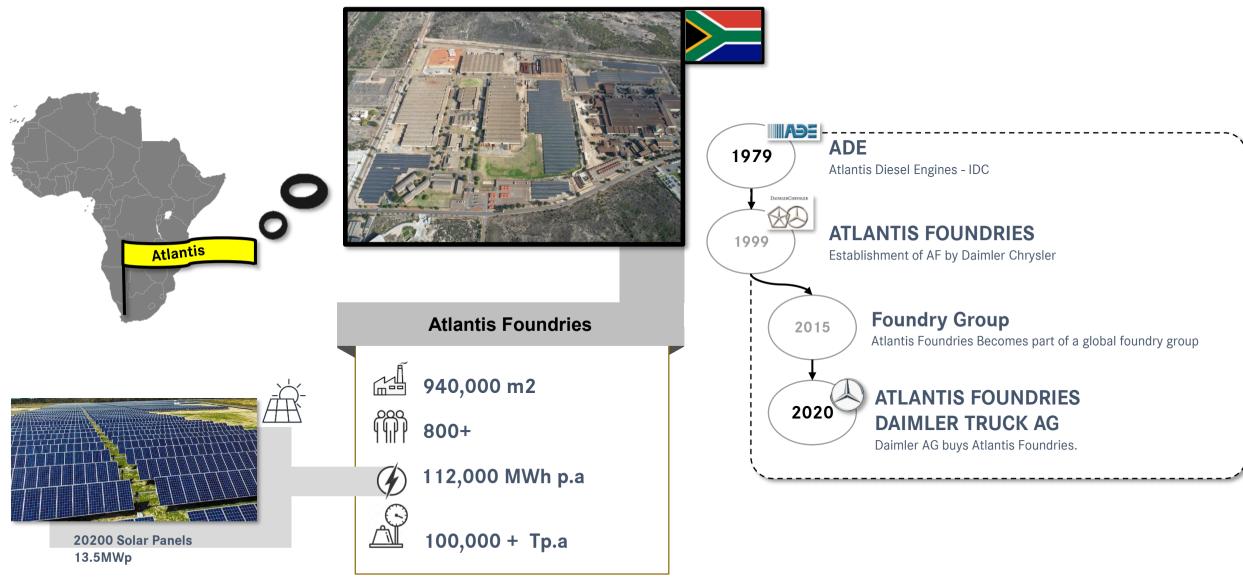
DAIMLER TRUCK

Practical application of robotics to the benefit of OHS at work 25 April 2025





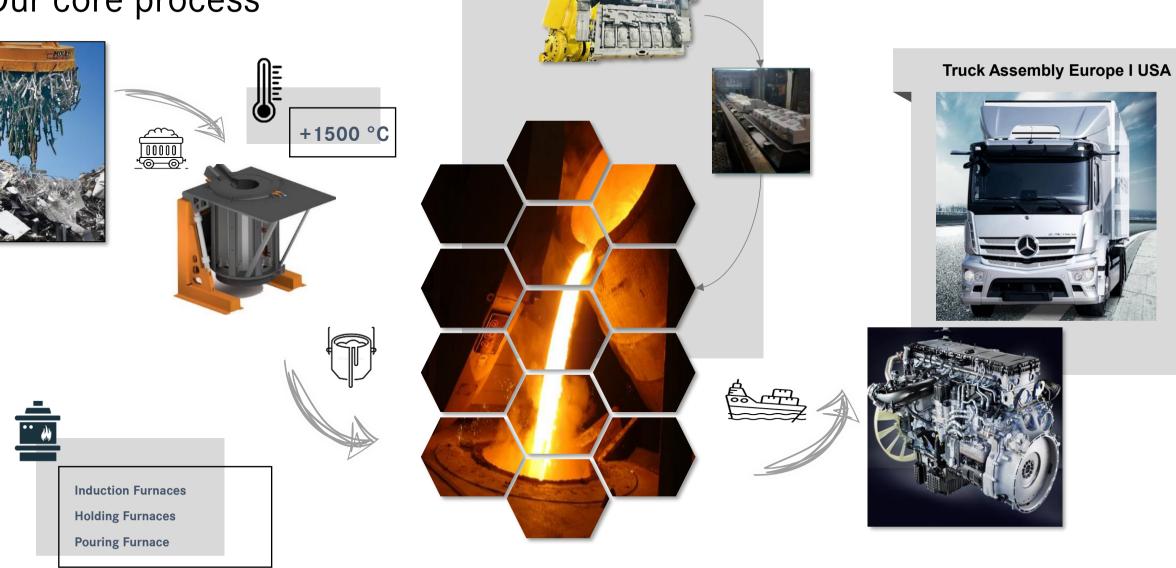
Who are we



*- <u>1</u>

Our core process

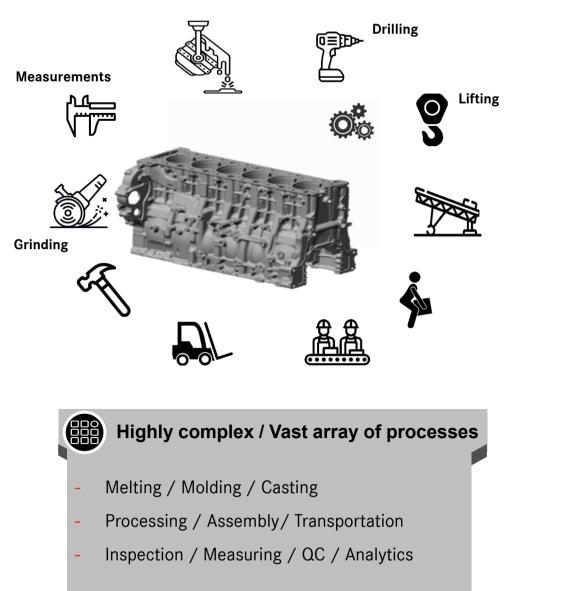








Robotics at Atlantis Foundries - Why







Efficiency – Increased Takt Times I Consistency I Improved capacity



Quality – Process repeatability.

SAFETY – Hazard Mitigation.

Atlantis Foundries I 25 Apr 2025

Daimler Truck





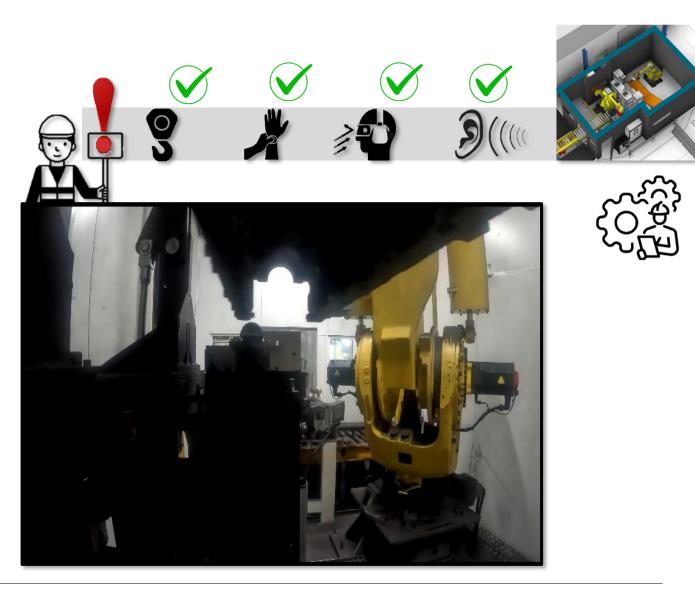
Practical use case 2 – Grinding / Lifting / Transport:



Grinding - Lifting

- Important pre-processing function High takt times
- Hard to reach / Complex angles
- Pulling I Lifting Strain Hoist
- Decibels / Face Arm shielding.







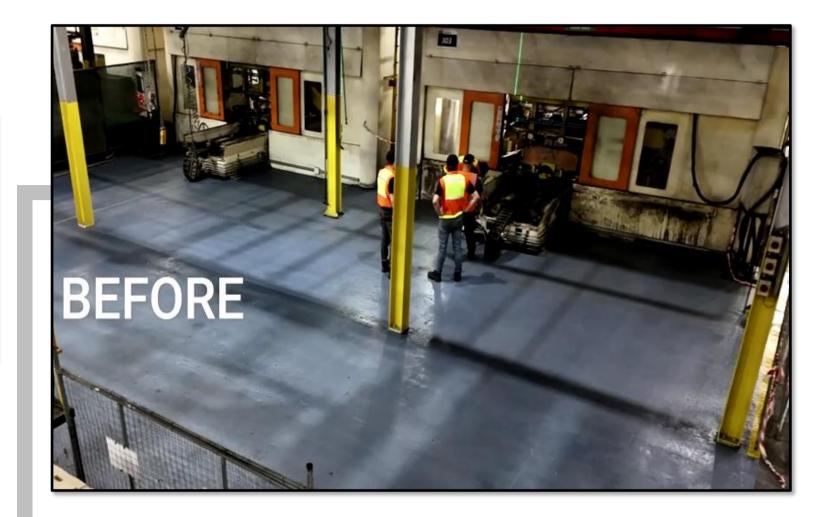
Practical use case 3 – Assembly 1/2





Multi operation assembly

- High takt times
- Craneage Lifting I Pulling I Duty cycles
- Trip hazards
- QC inspection / acceptance.

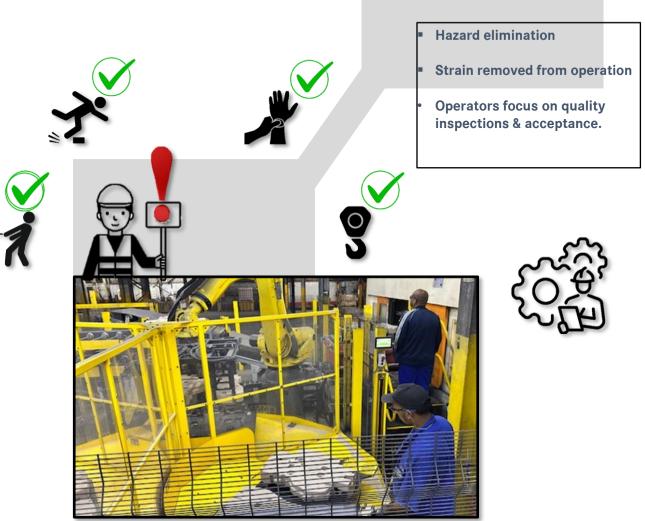


Daimler Truck



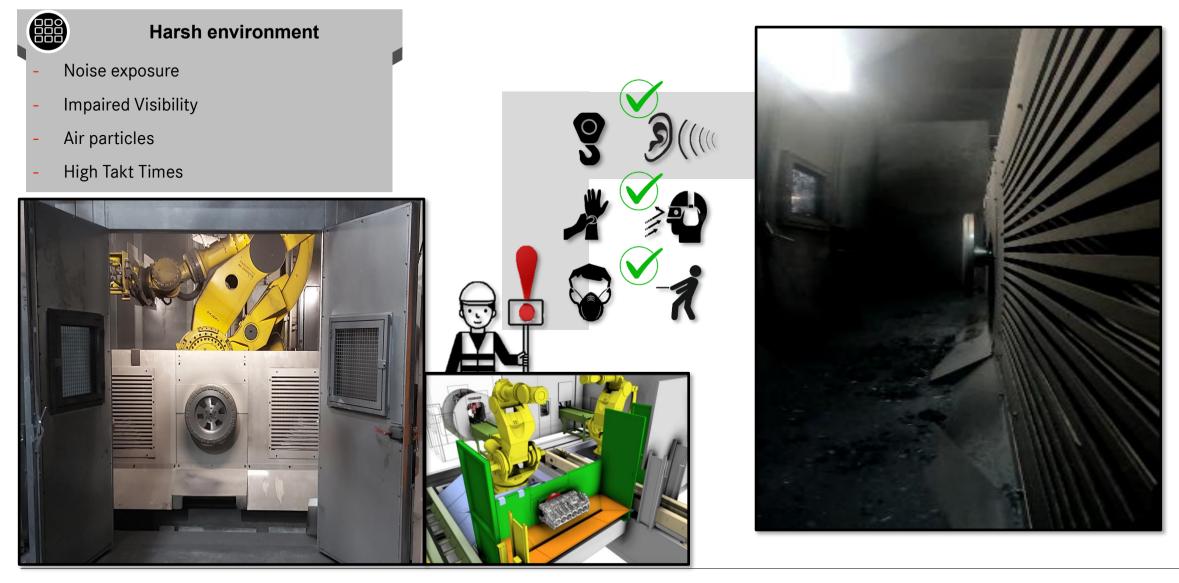
Practical use cases 3 – Assembly 2/2



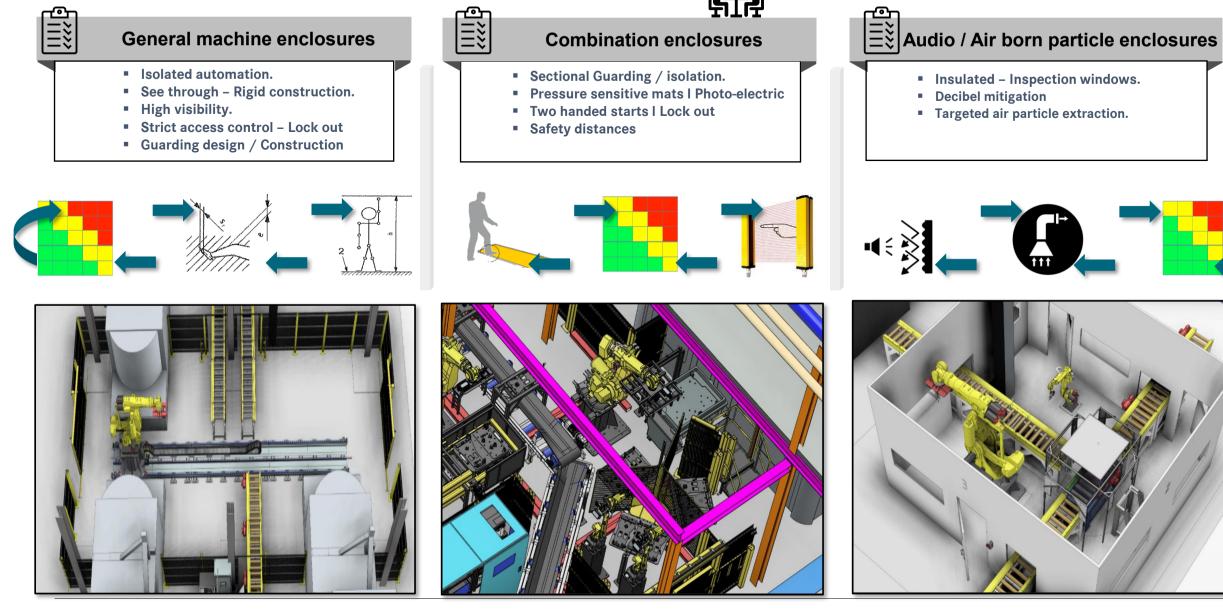




Practical use case 4 – Product processing in Harsh environments



Continual Risk Assessments:



employment & labour Department: Employment and Labour BERILEI OF SOLITIA AERICA

ISO I GMR I SANS



END, Thank you.

