







It all started with Monti Werkzeuge GmbH ("Monti"). A German company that engineers, manufactures and distributes hand-tool and automated machine systems for surface preparation. Since our founding in 1987, we have been developing and marketing innovative, patented technologies to customers world-wide in the automotive, oil & gas, and industrial infrastructure markets. We are a recognized market leader and true trailblazer in our industry. Monti is ISO-9001 accredited and we service our customers from our headquarters in Germany and our own subsidiaries in the USA, Holland, Australia, Singapore and Brazil. MontiPower BV from Groningen, Holland is the R&D and Service Centre for Marine Subsea Surface Prep Equipment and for other marine & coastal applications including tanks & terminals.

Two world come together. We are proud about the cooperation and partnership with Robot++ for the development of the HighMate Prepper®. This is a new milestone for both companies.

This innovation resulted in a splendid strategic partnership for sales and service all over the world.

1TEAM, 1GOAL, 1MISSION,





## THE CLEANTECH PREPPER®

Weld Seam and Spot Repair Preparation onshore and offshore





This HighMate Prepper® Q4 Robot enables optimal coating performance through a programmable and automated process providing a constant and reliable roughness profile to the substrate. Simply program the desired roughness and the HighMate Prepper® will deliver a regular peak height and peak density to optimize your substrate surface, all without safety hazards, dust or loose media. This HighMate Prepper® solution can also be included in factory applied coating processes.







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### INADEQUATE SURFACE PREPARATION

Corrosion is often an electrochemical reaction whereby oxygen and water cause iron to rust or copper to turn green.

Corrosion causes enormous economic damage -approximately 4% of GNP. Areas that are affected by corrosion must be treated or replaced, and for transport pipes this can quickly run costs up into the hundreds of thousands of Euros. Corrosion also presents enormous risks because pipes carrying gas or other hazardous materials can break at areas weakened by corrosion.

The solution for corrosion consists of removing one or more of the three primary causes of corrosion - water, oxygen or the eletrochemical reaction. Traditional coatings for metals, such as bitumen, polyethylene (PE), polypropylene (PP) and epoxy powder coating (FBE), cannot prevent water and/or oxygen from reaching the metal. Transport pipelines often use cathodic protection to stop the electrochemical reaction, whreby an electric current stops the ionization of the iron. All of this requires constant monitoring of the coating protection and its performance. Optimal surface protection is a critical factor in enhancing the performance of protective coatings. That is why rust and corrosion require the best surface preparation possible!

# REASONS FOR COATING FAILURE

1% DEFECTIVE COATING MATERIALS

11% APPLICATION ERRORS

6% POOR SPECIFICATION COATING SELECTION

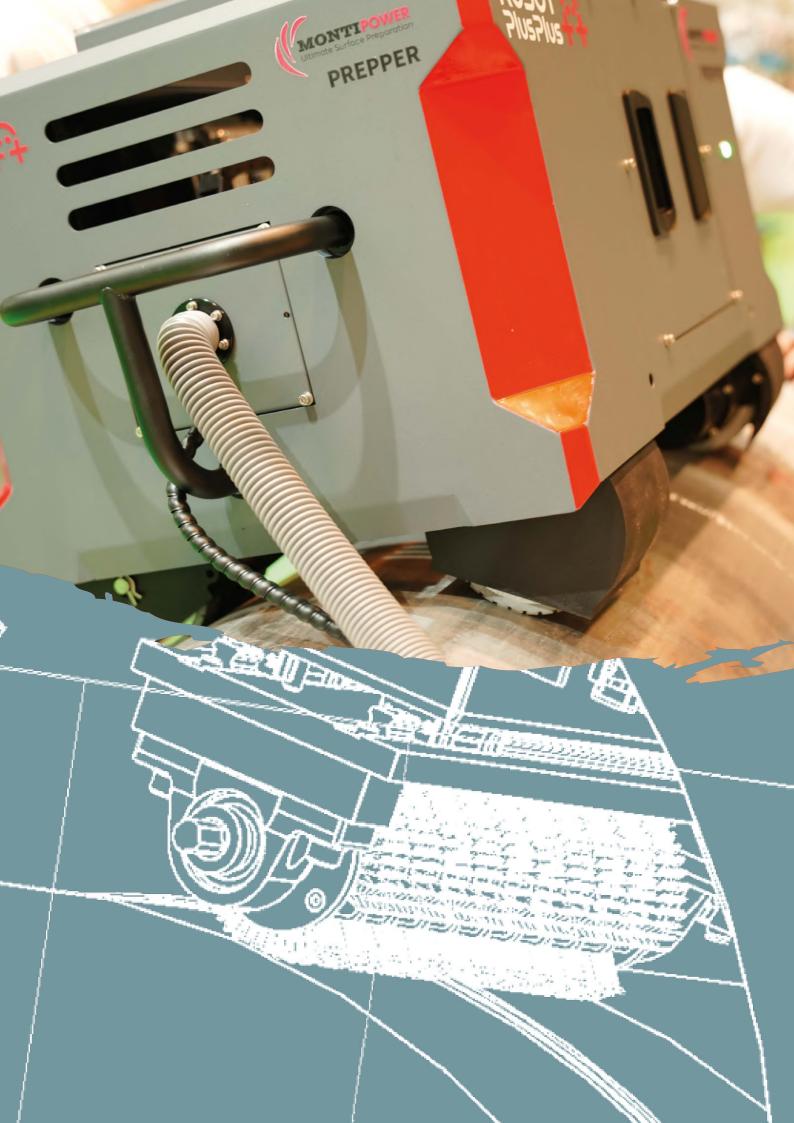
5% ENVIRONMENTAL CONTROLS



### THE NEW HIGHMATE PREPPER®

## PREPARATION IS EVERYTHING



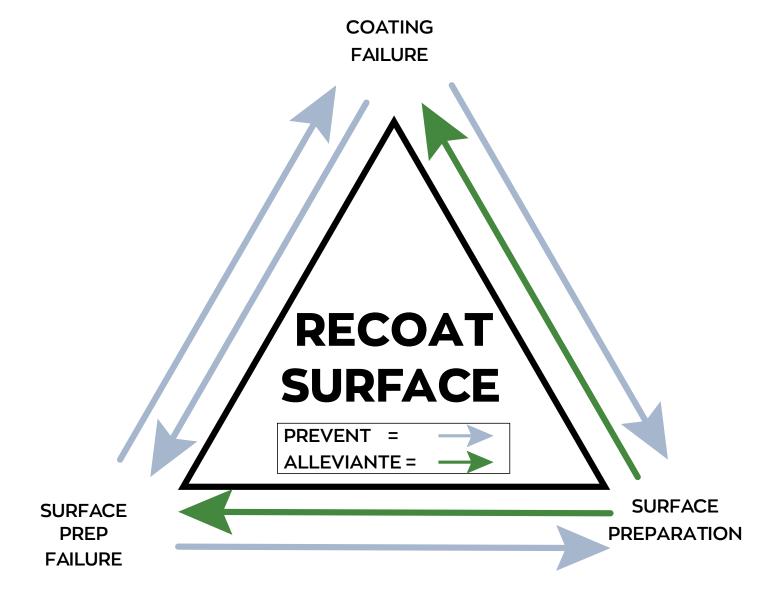








#### THE NUMBER 1 CAUSE OF COATING FAILURE IS IMPROPER SURFACE PREPARATION



CLEANTECH PREPPER®
PREVENTS AND ELIMINATES
THE OPPORTUNITY FOR COATING FAILURE





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