



INDUCTION COATING REMOVAL

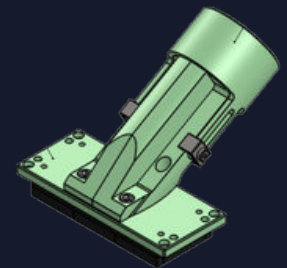
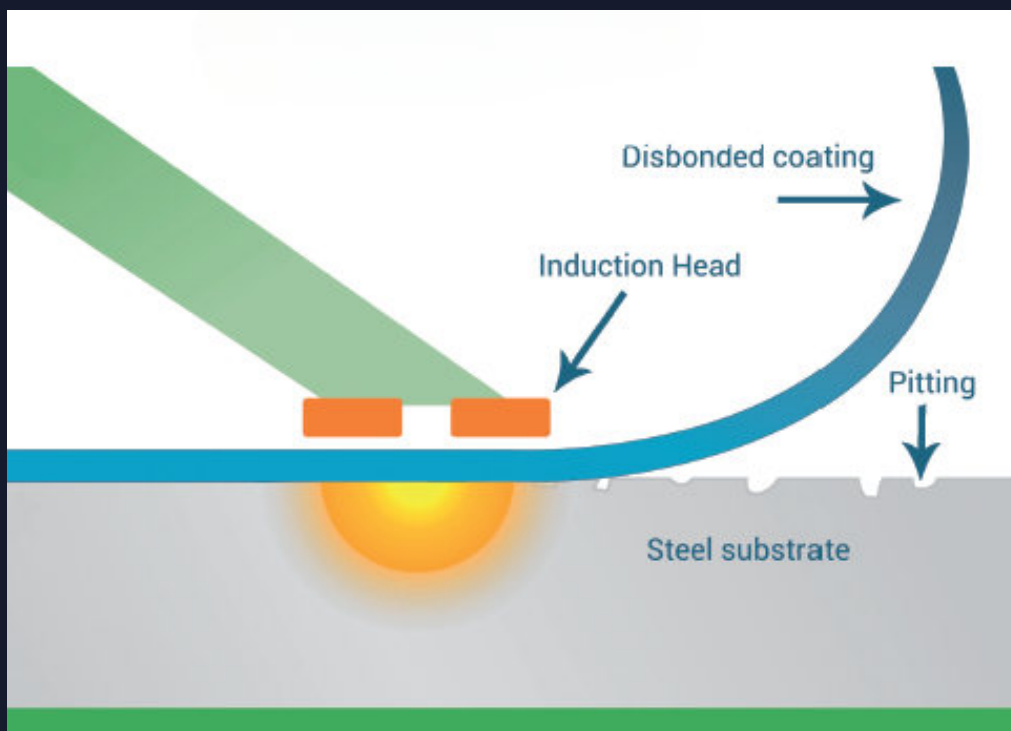
RPR Technologies is the world's leading provider of induction disbonding systems. Powered by patented technology, the RPR system offers a faster, safer, and more cost-effective alternative to traditional blasting removal methods.



www.rprtech.com

What is Induction Coating Removal

The induction disbonder operates on the principle of electromagnetic induction. The induction head generates a focused magnetic field that induces eddy currents in conductive materials such as steel. Due to the steel's electrical resistance, these currents rapidly convert into heat, causing the steel surface to heat quickly. This rapid heating results in fast and effective debonding of the coating from the substrate—even within pits and surface cracks.



Induction Stripping Head



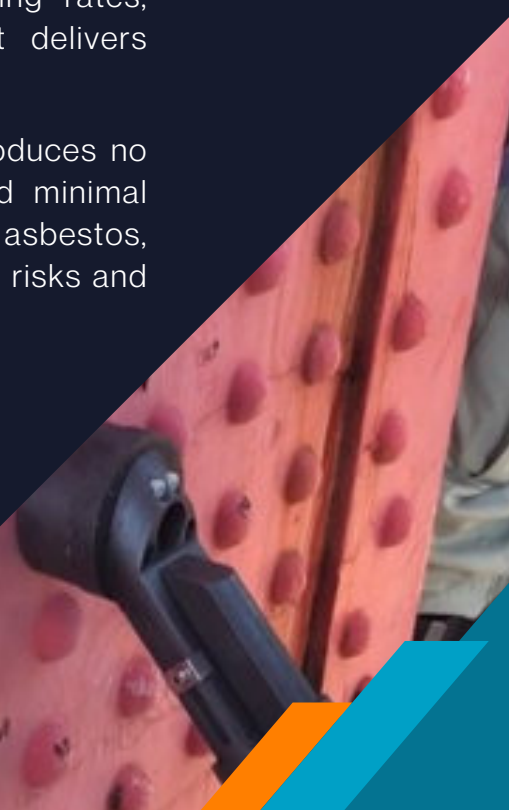


The RPR induction process removes coatings up to 40 millimetres thick — quietly, efficiently, and without the use of grit or water, significantly reducing waste and environmental impact.

Core Capabilities

What we are good at!

- **Hazardous Coatings:** Non-invasive, silent and safe removal or dangerous hazardous coatings such as Lead and Asbestos contained wraps/systems.
- **Augmenting Traditional Methods:** RPR Technologies solutions seamlessly augment traditional removal methods, enabling efficiency in all steel substrate preparation.
- **Reducing Costs:** The RPR Induction Disbonder outperforms traditional coating removal methods. With higher stripping rates, reduced downtime, and no need for grit or water, it delivers substantial cost savings.
- **Environmentally Superior:** RPR induction disbonding produces no airborne particles or noise, enabling safer operation and minimal disruption to surrounding work. Hazardous coatings like asbestos, lead, and PCB are easily contained, reducing environmental risks and energy use — benefiting both people and planet.
- **Operator Friendly:** The RPR system operates quietly, without high pressure or airborne dust, ensuring a safe and non-disruptive environment for both operators and surrounding personnel.



Industries We Serve



Proven Solutions. Unmatched Results.



Bulk Storage Tanks



Marine Infrastructure



Pipeline Coatings



Mining



Bridges



Oil and Gas



Simultaneous Operations

Insurance Policy for your project schedule.

- **Bulk Coatings Removal:** RPR Technologies solution removes bulk coatings which are inherently slow to remove with traditional methods.
- **Project Schedule:** RPR enables other activities to occur without interruption from the bulk removal process, ensuring optimal productivity.
- **Simultaneous Operations:** RPR disbonding is silent creating minimal to no dust, which allows other trades to safely work nearby simultaneously.



FASTER



SAFER



CLEANER





RPR Next Generation 1032

INDUCTION GENERATOR



| | |
|-----------------------------|----------------------------|
| Weight (w/carriage) | 75 (98) Kg |
| Size (w/carriage) W x L x H | 35 x 60 x 78 (60x80x86) cm |
| Input Voltage | 3 x 360 - 500 V |
| Input Power | 40 kVA |
| Input Frequency | 50 - 60 Hz |
| Input Current | 63 A |
| Water Flow Min | 12, 5 L/min - 4, 5 bar |
| Output Max | 32 kW |
| Output Frequency | 10 - 40 kHz |





Key Clients

VATTENFALL



MAERSK

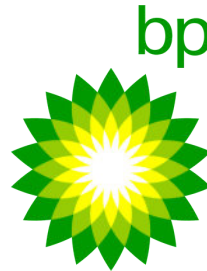


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Contact Us

RPR Technologies AS
Nedre Kongeroed 47
3737 Skien, Norway
+47 35 60 35 38
info@rprtech.com

Let's Connect!

