

THE LASER  
AVE

# *Laser Cleaning*

surface corrosion and  
contamination removal



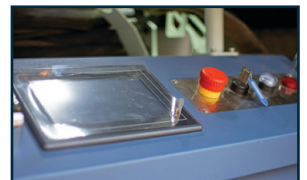
# **Blasts** **surface** **corrosion**

## **About** **The Laser** **Wave**

Laser cleaning offers a safer faster way to remove surface rust and materials for many types of metal.

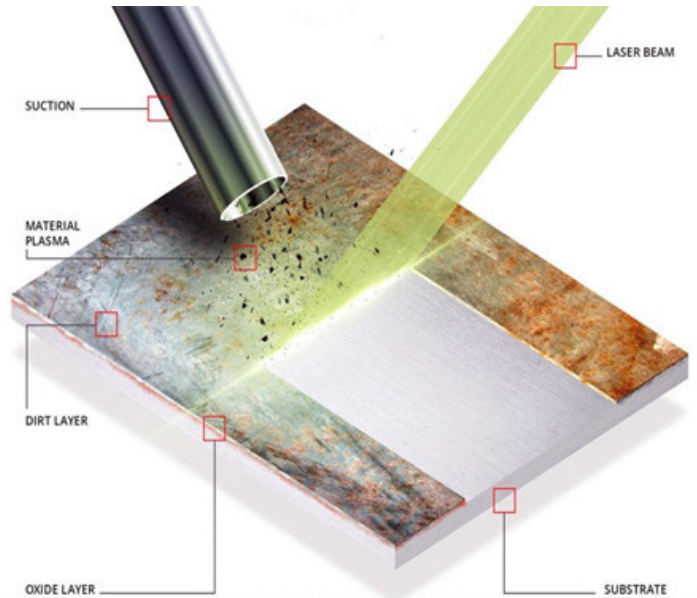
It blasts surface corrosion and other materials from the substrate without altering the integrity of the subject matter and without the need for chemicals or blast aggregate eliminating any need for hazardous waste disposal. Ecologically friendly and economically viable laser cleaning is fast becoming a more suitable and convenient replacement for the long established methods of surface cleaning.

## **The** **Equipment**



# The Technology

Laser ablation occurs when a material layer or a coating is removed with a laser beam. For surface rust removal when the beam hits the surface molecular bonds in the dust or rust layer are broken and ejected from the substrate. In less technical terms, you can imagine that the layer removed is simply vaporised by the laser beam.



Centrally located in Dubai The Laser Wave is a fully functional mobile unit able to deliver support throughout the UAE and designed for businesses which require flexibility, convenience and swift response times to help manage projects and deadlines.

## Industries that benefit from laser cleaning



Marine



Automotive



Oil & gas



Utilities



Rail & transport



Construction



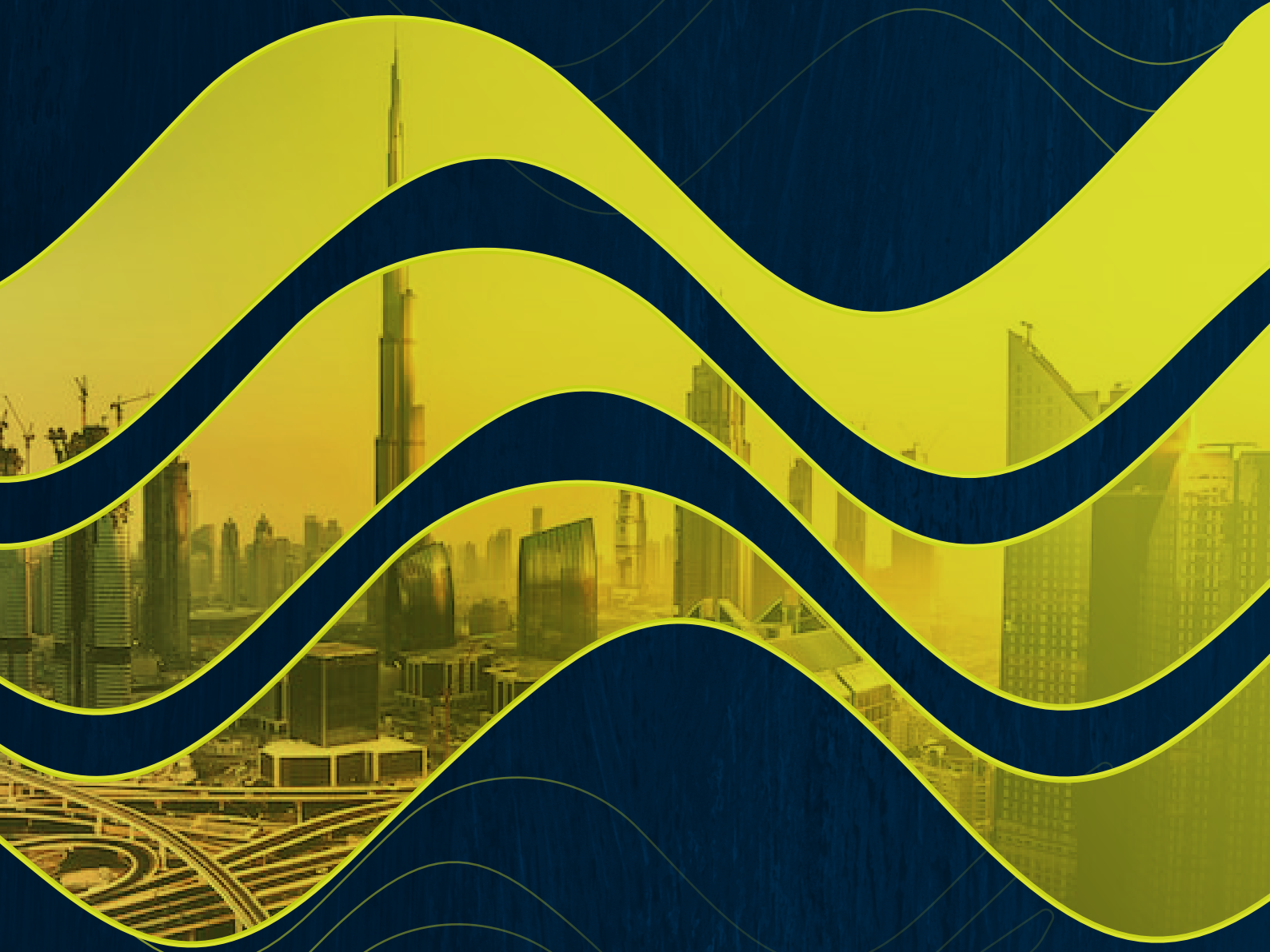
Heavy plant & machinery



NDT preparation



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For further information or quotations simply  
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