

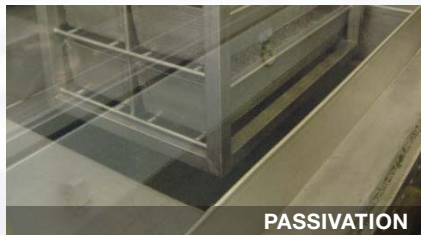


Turner Workflow Manufacturing

Design | Tooling | Manufacturing | Production | Assembly

# Cleaning, Passivation, Degreasing & Heat Treatment

TWM utilise state-of-the-art cleaning and heat treatment facilities – offering a unique and comprehensive solution for a variety of sub-contract opportunities.



PASSIVATION



PHOSPHATE COATING



VAPOUR DE-GREASING



ULTRASONIC AGITATION

**Service Quality Assured**  
All T.W.M processes and procedures conform to the BS EN ISO 9001:2000 quality standard.

## Turbex Aqueous Cleaning System – with rotating drum option

An entirely programmable facility enabling the setting of different automatic processes, variable time, operational sequence and temperatures.

- 5 separate tanks.
- Chemical cleaning agents with ultrasonic agitation.
- Water rinse with bubble agitation.
- Acid dipping – Passivation.
- Demineralised water (circulated) for finish rinse.
- Two position drying oven, with temperatures up to 165°C.

## Ovens & Oiling

A selection of ovens with up to 550°C operational temperature and a fully equipped oiling facility is also available to complete our cleaning facilities.

## Vapour De-Greasing

– with rotating drum option

Our C&C Hydrosonics Vapour De-Greasing facility includes a fully programmable solution catering for a variety of different processing needs:

- 5 stage automatic system process
- Automatic loading facility with scrubbed air purification
- Immersion in liquid solvent with ultrasonic agitation
- Vapour immersion
- Drying station and an unloading station with scrubbed air

## Phosphate Coating

Catering for a wide variety of components and sizes. Our facility incorporates:

- Two 275 litre capacity tanks.
- Tank 1, containing heated gardobond Z3190A phosphate coating solution. Tank 2, contains cold water rinse.
- A spin dryer is available for the heated spinning process

Contact our Commercial Team and Product Support Centre for your enquiries on **+44 (0) 1494 556700** or email [info@twm.gb.com](mailto:info@twm.gb.com)