i-Tech 7

# i-Tech Services FEATURED PRODUCT

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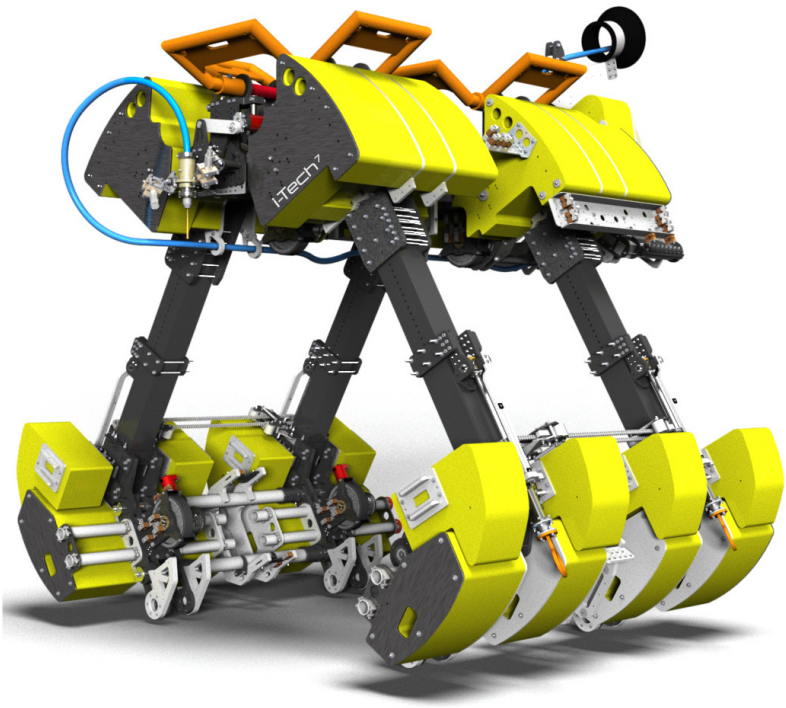



## COATING REMOVAL TOOL

Prepare pipelines for inspection or emergency repair with our light-weight Coating Removal Tool. By directing a jet of pressurised water along and around the pipelines, ranging from 8-44", protective coatings such as concrete weight coating, asphalt enamel, and fusion bonded epoxy are easily removed. Deployments can also be reduced thanks to the tool's ability to carry additional equipment to the work site *e.g.* machining tools and non-destructive testing equipment.

Read about how we do it, *overleaf.*

## About i-Tech Services

We're a global provider of integrated engineering services and products throughout the oil and gas field life cycle. We focus on what matters most to you: reducing complexity, improving performance and lowering costs. We're all about using innovation and technology to unlock value.

# COATING REMOVAL TOOL

The main function of the Coating Removal Tool (CRT) is to produce a clean white metal surface finish by directing a jet of pressurised water along and around the pipelines. However, the system can also operate vertically allowing coatings to be removed from jackets and other structures.

The nozzle head and tool plate allows for interchangeability and can be combined with various types of nozzles.

The tool also benefits from storage capacity. This allows tools such as non-destructive testing equipment and machining tools to be transported to the worksite, limiting deployments and potentially reducing vessel time.

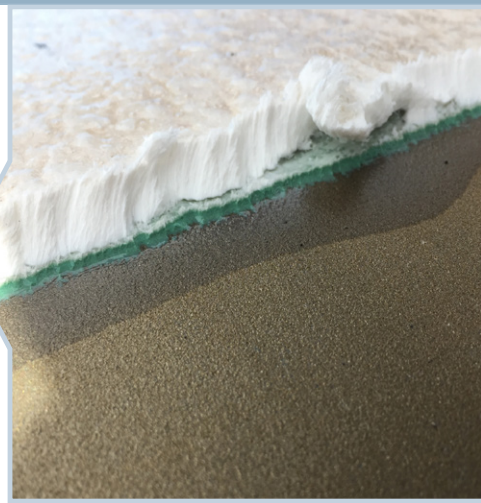
The tool is deployed and recovered by the intelligent deployment frame. The frame is parked alongside the pipeline, and the WROV moves the CRT to the pipeline.

The CRT is connected to the deployment frame through a long umbilical. The control system is located on-board the deployment frame. The umbilical has several service lines providing the required power for the control and operation of the tool and illumination for three on-board cameras.

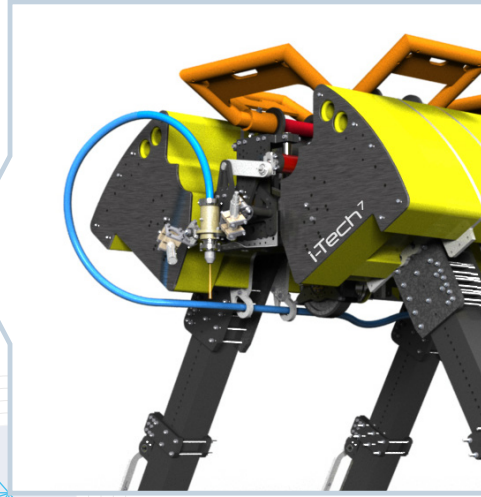
Once on site the CRT is operated topside from a laptop.

The on-board cameras and LED lights also allow the operator to monitor operations.

The operator can also move the CRT by powering the prime movements, six hydraulic wheels, allowing the system to crawl along and around the pipe.



- Interchangeable heads for different coating types
- Can operate vertically
- Can carry other tools such as NDT equipment and machining tools to worksite, limiting deployments and reducing vessel time
- Crawling capability
- Handled by WROV and operated topside
- Three on-board cameras with LED lights allow the operator to monitor progress.




**Technical specifications**

| | |
|---|---|
| CRT weight in air: | Less than a ton |
| Submerged weight: | Positively buoyant 0-45 kg |
| Operational dimensions: | L x Dia: ~3,3m x (1,4m + outer pipe diameter) |
| Deployment frame: | L x W x H: ~3,4m x 3,3m x 2,2m |
| Deployment frame, weight in air: | 8000 kg |
| Operational range: | 8-44" pipe diameter |
| Subsea adjustment range: | ~10" diametrical (coated to uncoated pipe) |
| Hydraulic supply: | 60 LPM @ 207 bar |
| Hydraulic interface: | 1 off 10-port receptacles (Subsea 7 design) |
| Electrical interface: | Tronic+ |

**Want to know more about our Coating Removal Tool?**
Contact: itechservices.clientenquiry@subsea7.com

**www.i-tech7.com**
i-Tech Services is a Subsea 7 company