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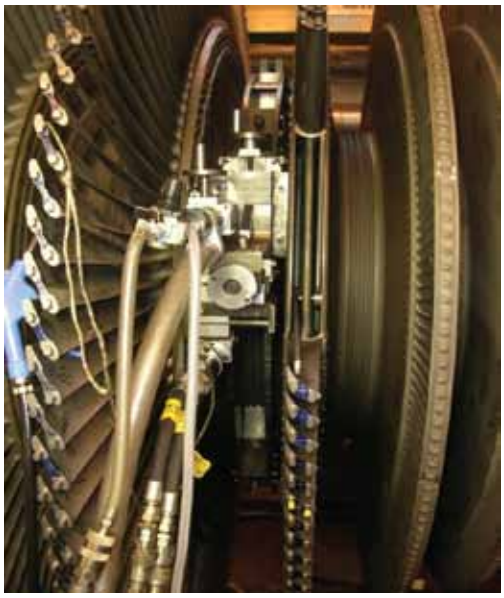
PORTABLE PERFORMANCE

CASE STUDY
Turbine Blade Refurbishment

CASE STUDY - Turbine Blade Refurbishment

- **Requirement:** Blade retainer pin drill
- **Location:** UK
- **Equipment:** PD760



We have developed a machine to drill out the blade retaining pins when refurbishing turbine blades.
The machine removed the need to use pistol drills with fixtures and reduced the volume of tooling consumed in the drilling operation.
The PD760 also improved the accuracy of the pin drilling that resulted in a saving of 6 hours in the refurbishment process.

- **Requirement:** Turbine Blade tip saw
- **Location:** UK
- **Equipment:** BLS760

With our portable slitting machine we were asked to provide an accurate method of cutting the worn and damaged blade tips off efficiently and precisely so that time could be saved in the refurbishment process and that this would lead to also an improvement in the health and safety record of this operation.

The BLS 760 shortened the blade cutting time from 2 hours to 8 minutes and resulted in 4 complete turbine refurbishment projects with 0 accidents or LTI.

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