

## **Rotary friction welding machine**

Thompson MP/PR Series rotary friction welding machine

Rotary friction welding machine capable of delivering repeatable, high-guality performance.

## Features and benefits

- Easily automated, making the process highly repeatable and resulting in very low defect rates
- Fully instrumented to record input parameters, and force and displacement histories
- Reliable and consistent weld quality
- Short welding times

## Some applications

- RFW is widely implemented across the manufacturing sector and used for applications including the following:
  - **Turbine shafts**
  - Axle shafts
  - Piston rods
  - Copper/aluminium electrical connections
  - Cutting tools
  - Transition joints between aluminium alloys and stainless steels

## **Technical specification**

- Max. rotation speed:
  - 50kW
- Max. transmission power: Max. welding force:
- 400kN 60mm Ø

1500RPM

Max. weld area: