ENERPAC

Power Plant Maintenance Projects	Type of on-site machine to use
BEARING PEDESTALS	
Machining the flat base of bearing pedestals	*Milling Machine*
Machining the inside diameter of bearing pedestals	*Small Line Boring Machine*
TURBINE CASINGS	
Machining of surfaces in large diameter turbine casings (LP casing)	*Large Line Boring Machine or Mirage WB1500*
Casing split line surfaces (steam turbines, LP, MP, HP)	*Milling Machine*
Creating sealing groves on turbine casings	*Milling Machine*
Machining of internal grooves in turbine casings	*Flange Facing Machine*
Machining surfaces for glands in the turbine casing	*Small Line Boring Machine*
TURBINE BLADES	
Drill out turbine blade retainer pins.	*PD760 Pin Drill (bespoke product)*
Cutting worn and damaged turbine blade tips	*BLS760 Blade saw (bespoke product)*
DIFFUSORS	
Machining valve chambers (diffusors)	*Small Line Boring Machine*
Machining of large diffusors	*Large Line Boring Machine*
Machining of valve chambers (upper surface)	*Flange Facing Machine*
SHAFT MACHINING	
Turbine shaft	*Mid Shaft Turning Machine*
Generator shaft	*Mid Shaft Turning Machine*
COUPLINGS AND HOLE BORING	
Wicket gate bearing hole boring	*Large Line Boring Machine*
Boring of generator couplings	*Large Line Boring Machine*
Machining of coupling holes	*Small Line Boring Machine*
HEAT EXCHANGERS	
Face machining	*Flange Facing Machine*
Back face machining	*Flange Facing machine (with Back Facing Kit)*
Division slot machining	*2 Axis Milling Machine*
HYDRO PLANTS	
Machining of large turbine casings in hydro power plants (turbine face plate & seal ring machining)	*Large Line Boring Machine*
Stay vane machining	*3 axis milling machine*
Downhole repair (Machining turbine unit in-situ)	*Flange facing machine*
DIAPHRAGMS	
Machining of the internal grooves for small diaphragms	*Small Line Boring Machine*
Machining for diaphragms	*Flange Facing Machine*
PIPELINES	
Cutting pipes	*Split Frame Clamshell Cutters*
Pipe Bevelling	*Split Frame Clamshell Cutters*
Counter-boring	*Split Frame Clamshell Cutters*
Flange removal	*Split Frame Clamshell Cutters*