

Onsite Machining

One of our clients operates a large malting's had a problem with a shaft attached to a 92" diameter fan. The end of the shaft was twisted and the keyway distorted so it was becoming difficult to engage the fan to its motor. Removal of the fan was not an option as the plant had been constructed round it. The clients maintenance engineer had worked out if the fans louvers were opened a certain amount then the shaft would rotate at a constant speed.

After surveying the site in conjunction FirScot engineers the client built a frame around the end of a shaft. FirScot modified tooling and using an onsite compound slide machined the end of the shaft straight and true again. The process took less than eight hours. A new adaptor for the gearbox was machined overnight and the fan was rebuilt the following day



Above:
The site cleared ready for machining



Left:
FirScot engineers machining the shaft

The process was so successful that it was repeated twice more, saving the client many tens of thousands of pounds.

If you would like more information on FirScot please contact us at the details below

FirScot Ltd
Newtonmore Industrial Estate
Newtonmore
Inverness shire
Scotland PH20 1AR

Tel: 01540 670078 Fax: 01540 670079 e-Mail: info@firscot.net