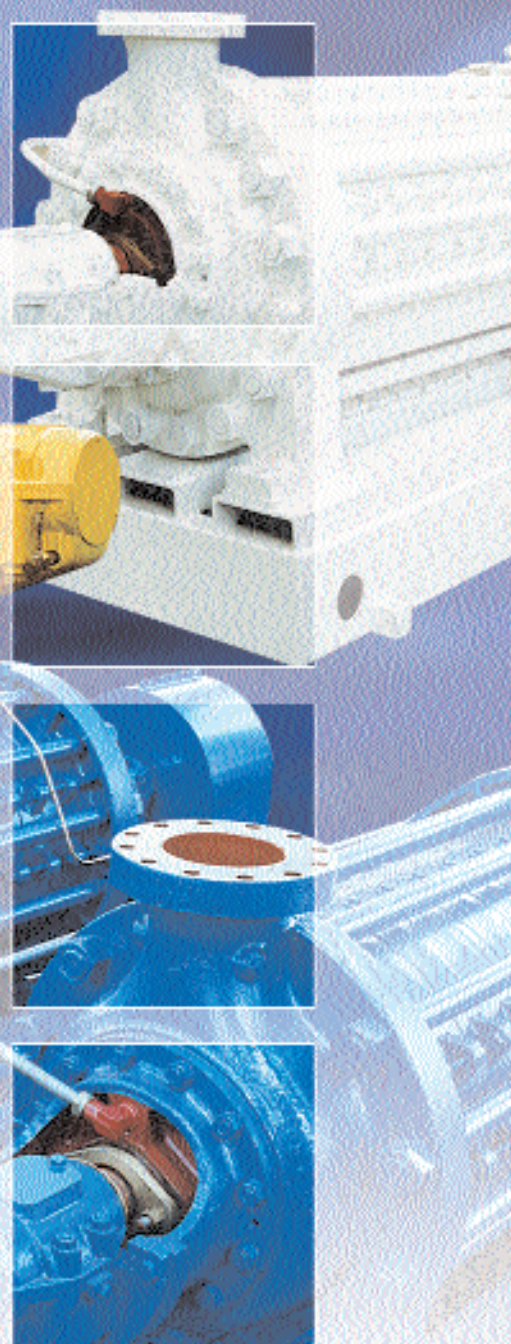


Mackley Pumps

reliable fluid handling
solutions world-wide

engineered to meet your
application perfectly



Mackley Pumps

'...providing fluid handling solutions worldwide for almost 100 years...'



Mackley pumps are used by the power generation industry for water cooling

An individual service...



A deep mine multi-stage pump



Five freshwater pumps supplied to Kuwait

Mackley Pumps have been providing fluid handling solutions worldwide for almost 100 years. Mackley pumps can be found in virtually every industry; our success being underpinned by the fact that over 50,000 pumps to more than 5,000 customers have been supplied to:.

Mines
Water supply and sewage industry
Power stations
Chemical and process industry
Gas and petroleum industry
Irrigation and firefighting applications

Each Mackley pump is engineered to satisfy your individual needs in terms of construction materials, drive and application. We will manufacture in any machineable alloy in order to best suit the liquid to be pumped.

Many of today's processes demand pumps that can perform effectively and reliably in extremely arduous conditions. Mackley pumps, manufactured in super duplex stainless steel, are

high pressure pumps
multi-stage pumps
end suction pumps
horizontal split case pumps
2 stage horizontal split case pumps
boiler feed pumps

Mackley pumps can be found giving excellent service to the oil and gas industry



This five stage multi-stage pump is used for pumping water to a hill top reservoir for British Steel



This dewatering multi-stage pump operates in Europe's deepest mine



A split case cooling circulation pump

Advice and consultancy...

Many pumping problems can be eliminated at the system design stage and we are always willing to help in this area. We have the capability to design total pumping packages including pumps, motors, pipework, valves and control systems.

Through life support...



handling acetic acid at temperatures up to 150°C in many countries including the United Kingdom, Pakistan, Taiwan and Indonesia.

Safe, reliable equipment is essential for the hazardous and demanding mining industry.

In the deepest mine in Europe, it is a Mackley deep mine multi-stage dewatering pump, driven by a 2080 kW motor at 1480 rpm, that pumps brine 1370m head at 380 cubic metres per hour.

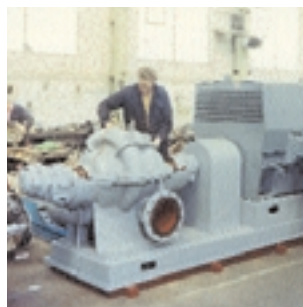
Returning your pumps to their original specification and performance is a cost-effective alternative to buying new. Whoever the manufacturer, we can repair and overhaul the wearing parts, either on site or in our factory.

Mackley pumps operate in critical environments that demand a very high level of reliability and low levels of maintenance. We ensure that routine maintenance between overhauls is minimal and that no special tools are required. A Mackley pump has been operating efficiently and reliably in a South African colliery since

1923, with only an occasional need for spares.

Full in-house testing is carried out in accordance with BS 5316 Class C and Class B; API 610 or our customers' specified standard. In addition, net positive suction head (NPSH), noise and vibration tests are available on request.

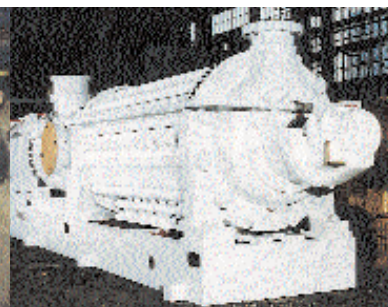
When specified, our pumps comply with API 610 and NFPA20 and we operate a formal quality management system approved by Lloyds Register Quality Assurance as complying with BS EN ISO 9001 and ISO 14001.



A split case Mackley pump for cooling water



Multi-stage dewatering pump before overhaul...



...and after overhaul



*'...environments that demand
a very high level of reliability and
low levels of maintenance...'*

*Manufactured in super duplex stainless steel,
Mackley pumps handle acetic acid at very high
temperatures*

Mackley Pumps



Mackley Pumps



LANGLEY

A Langley Holdings Company

Ref: CCG/MP/2001/004/01

Mackley Pumps Limited

PO Box 9, Saltmeadows Road,
Gateshead, Tyne & Wear, NE8 1SW
England

Tel: + 44 (0) 191 477 2271

Fax: + 44 (0) 191 478 3951

www.mackleypumps.co.uk