



*For immediate release*

## **Perlast installs the UK's largest O- ring moulding machine**

Size matters at high performance seals specialist, Perlast Limited (part of Precision Polymer Engineering) where the company has installed the UK's largest o-ring moulding machine, producing o-ring seals up to 2 metres in diameter for marine engine, oil and gas, nuclear, power generation and FPD industries worldwide.

Weighing in at 122 tonnes, the £500,000 variable down-stroking press is capable of exerting between 50 and 500 tonnes of pressure. This, in conjunction with a vacuum chamber encompassing the mould tool to eliminate air traps, produces exceptionally accurate moulded o-rings and custom parts, including discs, in depths up to 380mm.

Designed to repeatedly produce precision moulded parts, the Perlast moulding machine features a sliding double platen for easier tool fitting and increased manufacturing productivity – as one seal is being moulded another is being prepared.

“Manufacturing large o-rings and custom parts at a consistently high level of repeatability calls for the kind of precision moulding that only a machine of this size can offer,” says Perlast, managing director, Peter Cloney.

Perlast Ltd is one of only four European seal manufacturers capable of producing 2 metre moulded o-rings.

