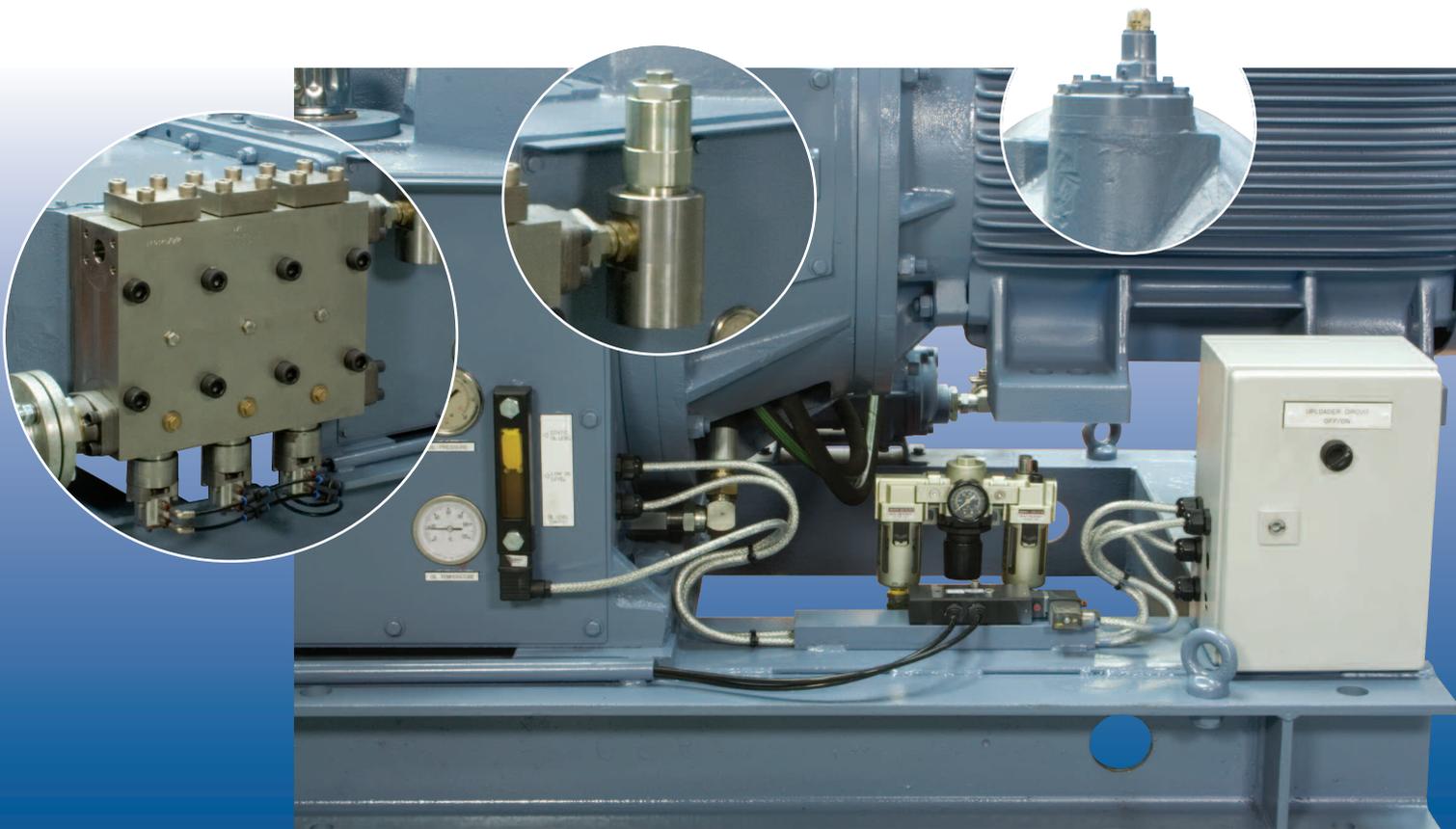


## ARMSTRONG RMI PRESSURE SYSTEMS



## Auxiliary Components

FILE NO:	116.16
DATE:	Jun. 20, 2009
SUPERSEDES:	New
DATE:	New

The pump range is specified to provide a safe and reliable supply of high pressure water or water based fluid in a variety of industries including mining, petrochemicals, power generation, metal processing and site services.

### ► Bespoke Designs

The many configurations of pumps, cylinder diameters, gearing and motor sizes offer performance capabilities for most specifications. We also design pumps to incorporate features or modifications to meet clients' specific needs.

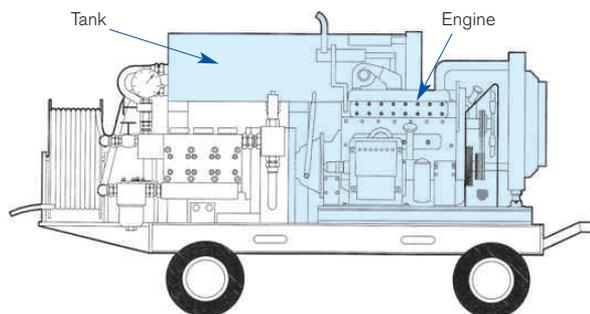
Non-standard cylinder arrangements and higher speeds, including 60Hz motors, will be given a full technical appraisal by our highly qualified design and production staff to ensure we offer the best pump for each application. In the process industry, we have included gland cooling on a high pressure, hot water application.

### ► Mounting Systems

Trimax pumps can be supplied to suit users' specific needs in a wide range of mounting configurations ranging from independent bare shaft pumps to static skid mounted or mobile trailer units.

Prime movers may be electric motors, petrol engine or diesel engine driven directly or through a gearbox to achieve the best crankshaft speed.

The mobile diesel engine driven Trimax pump set illustration includes water reservoir, hose reel and ancillaries.

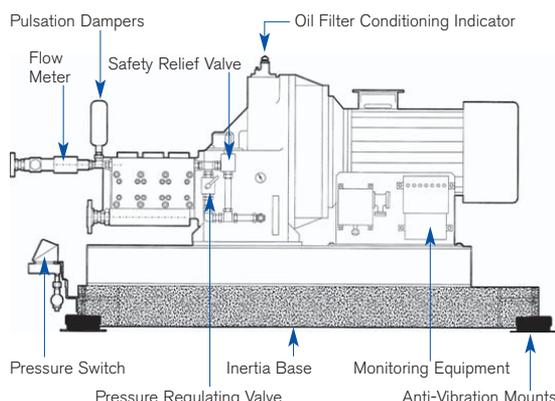


### ► Ancillary Equipment

Associated hydraulic, mechanical and electrical equipment as well as components can be supplied with Trimax pumps to give users the best service. The vast array of ancillaries include:

- Rigid and flexible high pressure hoses
- Instrumentation and monitoring equipment
- Switches, Filters and Valves

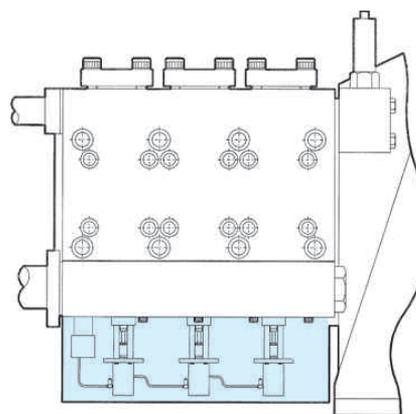
Acoustic enclosures, anti-vibration mountings and inertia bases are also available. Pulsation dampers may be incorporated for rigid pipework systems or to avoid cavitation on higher temperature water applications. Positive inlet pressure can be provided where necessary from the Armstrong range of centrifugal pumps.



### ► Stored Energy Offloading System

'Closed Valve' running of high pressure positive displacement pumps can lead to unsafe operation, costly damage or failure. An energy efficient alternative to complex by-pass, drain or accumulator systems is the Stored Energy Offloading System, which gives stop-go convenience necessary for intermittent duties. In this soft action solenoid control system the suction valves are lifted and the pump continues to run without generating further pressure. The pump idles in a pressurised standby condition so that it will quickly and efficiently return to full service.

The unloading system can be provided as an intrinsically safe addition to the Trimax pump when the off load condition prevails and system, hand tools, lances, spray guns etc are only pressurised by a positive action.



Note: Improvements in general design and modifications in detail will be embodied for the benefit of clients as and when introduced; consequently this specification is subject to alteration, as and when necessary, without notice.

EXPERIENCE BUILDING...

**RMI Pressure Systems Ltd**  
 Industrial Products Division  
 Wenlock Way, West Gorton  
 Manchester M12 5JL  
 United Kingdom  
 T: +44 (0)161 274 2451  
 F: +44 (0)161 223 4770  
 E: rmiinfo@armlink.com

**RMI Pressure Systems Ltd**  
 Mining Products Division  
 Metropolitan, Long Rigg Road  
 Swalwell, Tyne & Wear, NE16 3AS  
 United Kingdom  
 T: +44 (0)191 499 0882  
 F: +44 (0)191 499 0883  
 E: rmiinfo@armlink.com



[www.rmipsl.com](http://www.rmipsl.com)

Registered in England No 5712636 Manchester M12 5JL