

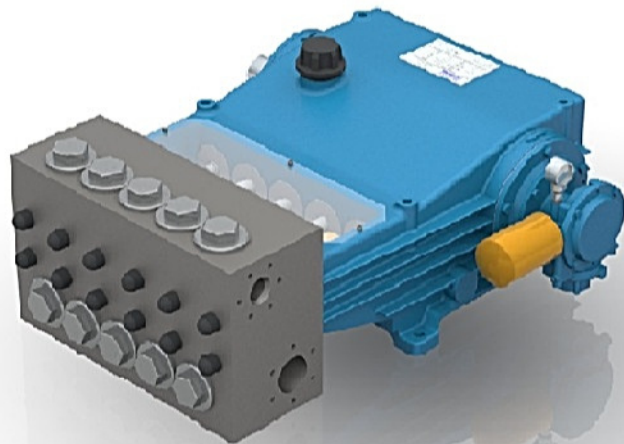


RAM PUMPS

Meeting The Toughest Challenges



100 SERIES
Quintuplex Plunger Pump



Design, Development and Manufacture
of Reciprocating Process Pumps to
Recognised International Industry Standards

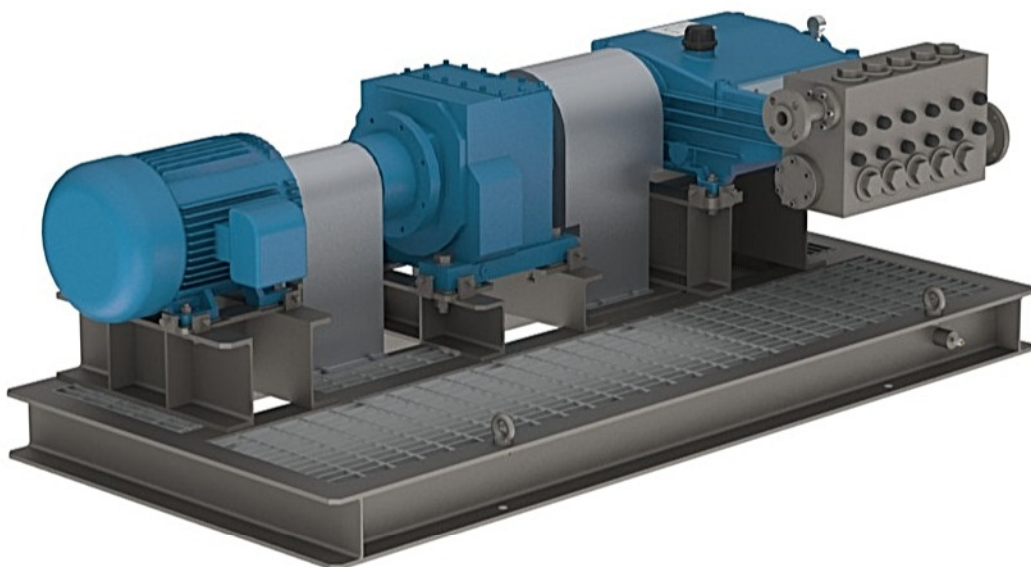
RAM Triplex Plunger Pumps

are designed and manufactured to the highest degree of precision to ensure total reliability and durability is maintained throughout our product range.

RAM Pumps conforms to all the latest quality standards and directives including ISO 9001/2000, ATEX, EC P.E.D., Norsok, Gost, Stoomwezen. These standards are necessary when supplying this type of product for the most arduous and demanding of applications.

Features / Benefits

- Crankcase design with special built-in motor support mounting.
Providing the option of installing the motor overhead to keep both the footprint and weight to a minimum.
- A range of liquid end materials are available.
Providing complete compatibility with pumping media.
- Special pressure-formed, braided, PTFE impregnated Kevlar® packings.
Offering exceptionally long life and a wide range of liquid compatibility.
- Packings housed in packing cylinder.
Assuring proper alignment and optimum life.
- Plungers are specially surface treated for abrasion resistance. Solid ceramic plungers are also available.
Providing the highest quality sealing surface for extended packing life.



100 SERIES
Quintuplex Plunger Pump

Specification

HCH VHP

- Spheroidal graphite iron crankcase. *Offering exceptional strength, vibration dampening and flame and spark resistance for added protection in hazardous areas.*
- Various plunger diameters available. *Allowing for a wide range of performances to best suit the application.*
- Standard splash crankcase lubrication with optional pressure lubrication system.
- Modular design.
- Customised builds available to suit individual clients specification.

STANDARD

Flow (l/min)	710	100
Max System Press (barg)	230	700
Max RPM	450	450

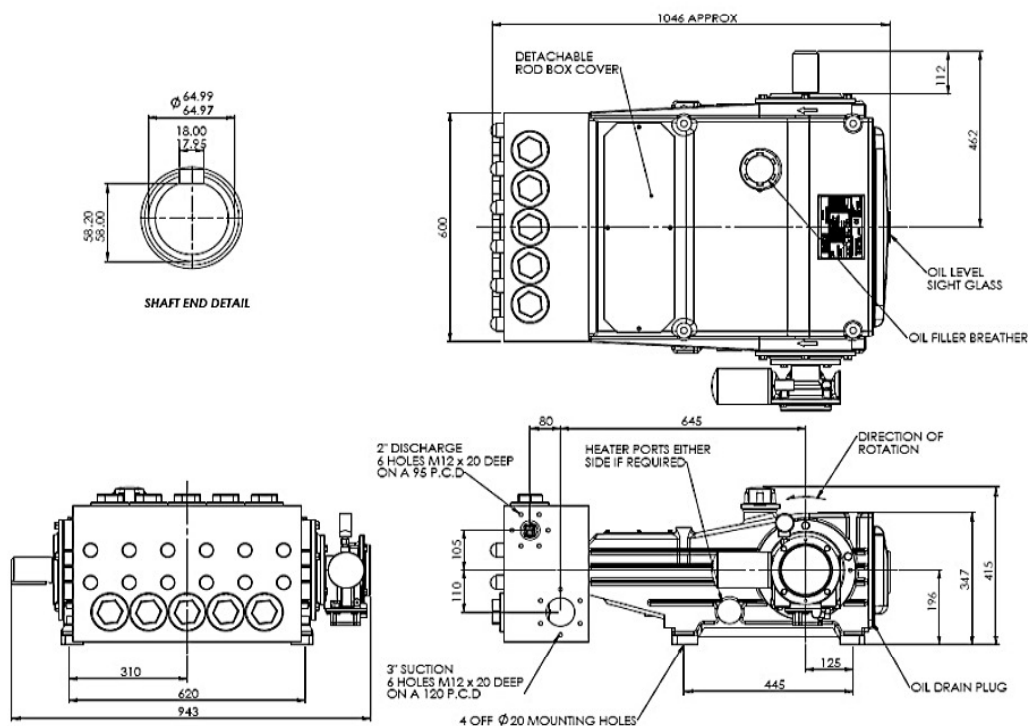
API

Flow (l/min)	475	92.7
Max System Press (barg)	230	750
Max RPM	300	300

COMMON SPECIFICATION

Max Inlet Pressure (barg)	30	30
Minimum RPM	60	60
Max kW	65	65
Stroke (mm)	100	100
Max Temp (°C)	150*	150*
Min Temp (°C)	-6*	-6*
Inlet Ports (2)	3"	3"
Discharged Ports (2)	2"	2"
Weight (kg)	900	900
Crankcase Oil Capacity (litres)	24	24

* Based upon standard materials. Alternative metallurgy / elastomer combinations are available in order to meet your specific needs for lower sub zero operation to increased positive temperatures.



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With over 35 years of experience in the field, Ram Pump's product range covers almost any application. Given that there is almost an infinite variation of build options, we pride ourselves in our expertise to construct special purpose equipment for our client's individual needs.



Oil and Gas

- Glycol Injection or Regeneration
- Methanol Injection
- Hydrocarbon Condensate
- Hydro Test
- Water Production
- Drill Cutting Re-injection
- Miscible Gas injection

Your Authorised Representative:



Reverse Osmosis

- De-salination
- Food Processing
- Pharmaceuticals



Industrial

- Water Jetting
- De-scaling
- Boiler Feed

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