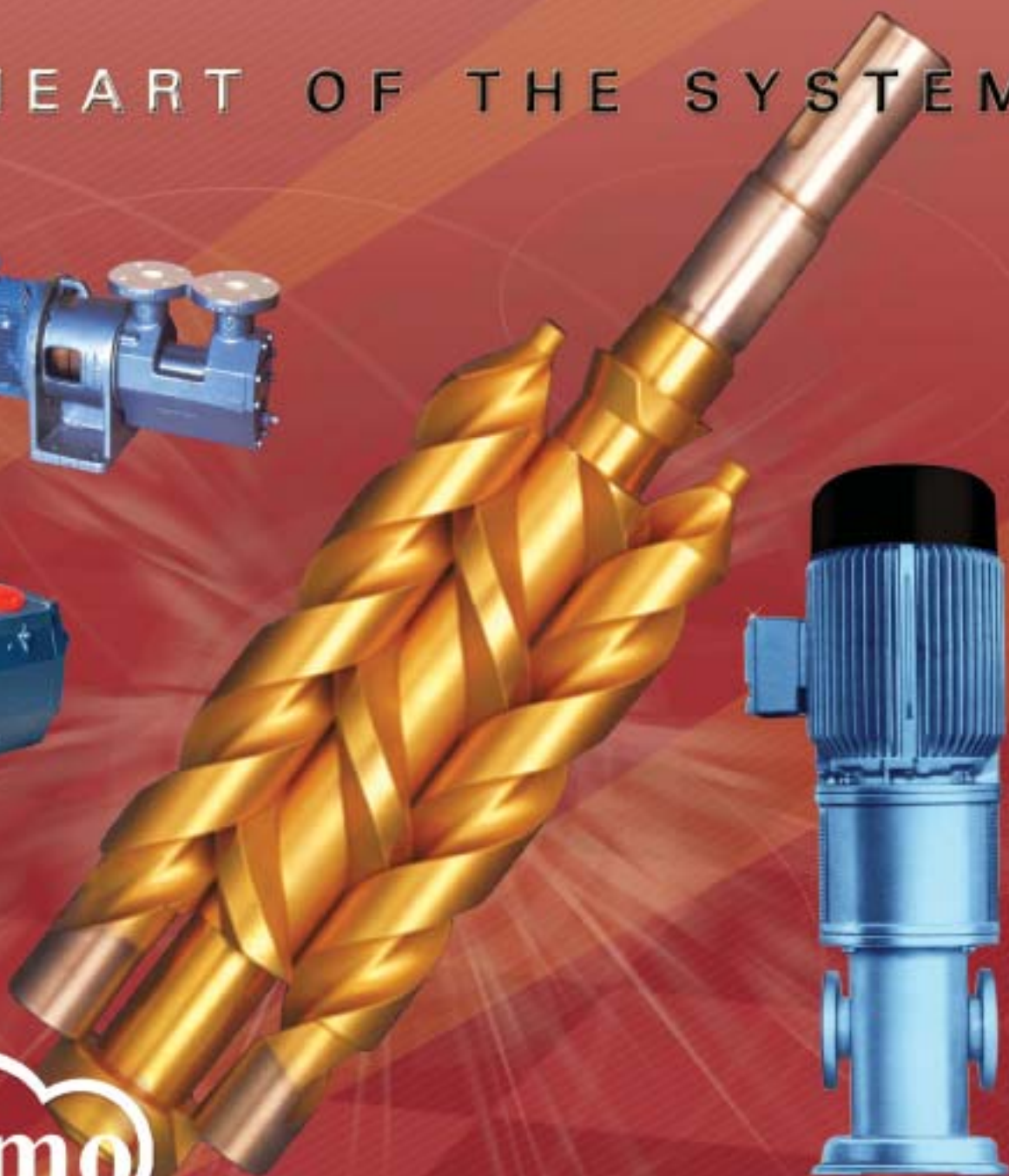
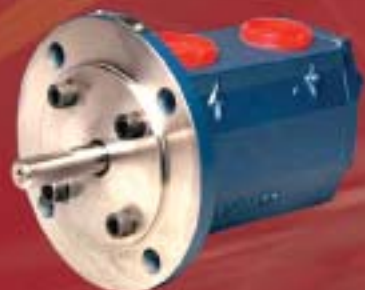


THE HEART OF THE SYSTEM



Ramo

Triple Screw Pumps

INDUSTRIES

- ◆ CEMENT
- ◆ CHEMICAL AND PROCESS INDUSTRIES
- ◆ EDIBLE OIL
- ◆ FERTILIZER
- ◆ GLASS
- ◆ OIL DRILLING
- ◆ PAINT, VARNISH AND PRINTING INK
- ◆ PAPER INDUSTRIES
- ◆ PETROCHEMICALS
- ◆ POWER GENERATION
- ◆ RAYON
- ◆ REFINERIES
- ◆ SHIPBUILDING AND OFFSHORE
- ◆ SOAP
- ◆ STEEL etc



Mfd by

P D PUMPS AND SYSTEMS

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Fax : 91 - (0)22 - 28769056
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WORKS

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Telefax: 04283 243 610
E-mail : pdpumps@sancharnet.in



Principle

Ramo - Triple screw pumps belong to the family of rotary positive displacement pumps. It has only three moving parts a power screw and two idler screws. These screws are with thread surfaces so shaped that they form a tight seal relative to each other and to the surrounding housing. As the screw rotate, closures are formed sealed from each other by the threads. These closures transform rotational motion in to continuous and uniform axial motion.

Pump Range

PUMP SIZE	Displacement in LPM				Pipe Connections	
	2880 rpm	1440 rpm	960 rpm	720 rpm	Inlet mm	Outlet mm
20	21	10	7	5	3/4"	3/4"
25	41	20	14	10	1"	1"
30	81	40	27	20	1 1/2"	1 1/2"
35	111	56	37	28		
40	166	83	55	41	2"	2"
45	236	118	79	59		
50	324	162	108	81	80	65
55	431	216	144	108		
60	633	316	211	158	125	100
70	889	445	296	222		
80	1327	664	442	332	200	150
90	1890	945	630	472		
100	2592	1296	864	648	300	250
110	3450	1725	1150	862		
125	5063	2531	1688	1266	300	250
140	7112	3556	2371	1778		
150	8748	4374	2916	2187	300	250
160	10617	5308	3539	3539		

- ◆ Max. Pressure : 160 Bar
- ◆ Viscosity : 100000 Cst
- ◆ Body : Cast iron / ductile iron
- ◆ Screws : Nitrided Chrome Alloy Steel
- ◆ Shaft Sealing : Soft Packing / Mechanical Seal

PUMP FEATURES

- ❖ Silent running
- ❖ Pulse free flow
- ❖ Vibration free
- ❖ Compact design
- ❖ Large range of frame sizes
- ❖ Large range of mounting styles
- ❖ High operational speed
- ❖ High volumetric efficiency
- ❖ Low NPSH required
- ❖ Designs to API, DIN etc
- ❖ Custom Designs

Fluid Handled

Triple Screw Pumps can be used on any clean lubricating liquid chemically compatible with the materials of construction

- ❖ LUBRICATING OIL
- ❖ HYDRAULIC OIL
- ❖ ORIMULSION
- ❖ FUEL OILS (LSHS,HFO/HPS/RFO/LFO/HSD/LDO/AVCAT)
- ❖ DISTILLATE FUEL OIL
- ❖ CRUDE OIL
- ❖ GREASE
- ❖ BITUMEN / ASPALT
- ❖ VISCOSE
- ❖ FATS
- ❖ PLASTICIZERS
- ❖ POLYOLS
- ❖ PRINTING INKS

Applications

- ❖ FORCED LUBRICATION
Major Rotating Machine Bearing
- ❖ SEAL OIL CIRCULATION
Compressor Labyrinth Seals
- ❖ FUEL OIL FIRING
Boilers, Kilns etc
- ❖ LUBE OIL TRANSFER
- ❖ FUEL OIL TRANSFER
- ❖ ORIMULSION TRANSFER & FIRING
- ❖ SCAVENGING
- ❖ FUEL OIL PUMPING & HEATING SETS
- ❖ DUPLEX PUMP & FILTER SETS
- ❖ RAIL/ROAD CAR LOADING & UNLOADING
- ❖ HYDRAULIC POWER PACKS
- ❖ WATERTIGHT DOOR OPERATION
- ❖ ELEVATOR/LIFT PUMPS
- ❖ VARIABLE PITCH PROPELLER CONTROL
- ❖ BITUMEN PRODUCTION AND LOADING
- ❖ FATS TRANSFER
- ❖ VISCOSE PRODUCTION

Rep. By:



Ramo Group
The World of Screw Pumps