

Trimax S300 Series

Mining Applications

RAMS

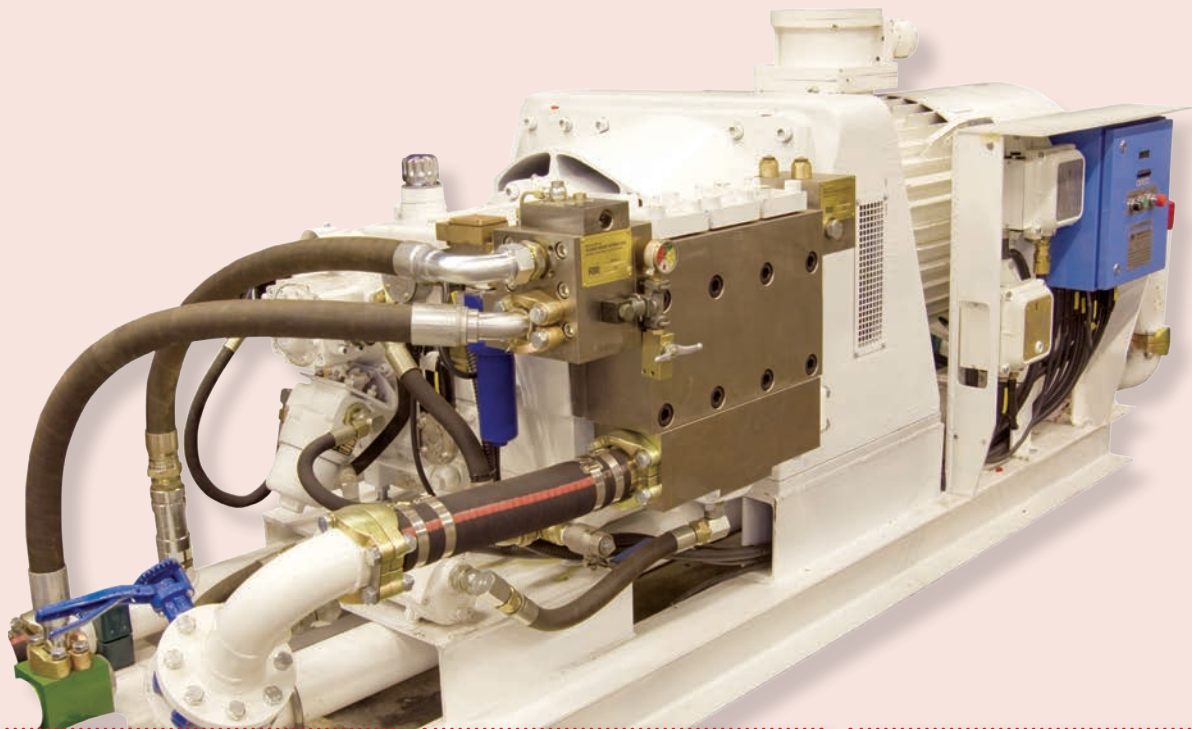
High purity alumina oxide ceramic or hardened stainless steel.

BEARINGS

Spherical roller main journals with lead bronze small and big ends.

GEARS

Precision ground steel to provide maximum life and optimum speeds.



INTEGRAL OIL PUMP

Providing forced oil lubrication to loaded bearings.

GLAND PACKING

Self-adjusting spring loading packing, for maximum sealing.

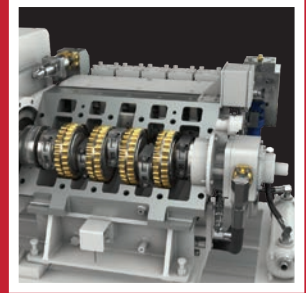
MOTOR

Flange mounted, on self aligning pedestal for trouble free installation.

The Trimax S300 series pump is specified to provide a safe and reliable supply of high pressure water or water based fluids in a variety of industries including mining, petrochemicals, power generation, metal processing and site services.

PUMP GENERAL PERFORMANCE DATA

Flow	48 - 528 l/min	13 - 139 USgpm
Pressure	2,070 - 400 Bar	30,023 - 2,857 psi
Motor Power	185 - 225 kW	250 - 300 HP



S300 PUMP DUTIES (190kW/300hp)

Motor Speed 1,475rpm
Crank Speed 602rpm

RamØ	Pump Flow		Pump Pressure	
	mm	L/min	US gpm	BAR
50	208	55	400	5,802
55	252	66	400	5,802
60	300	79	355	5,149
62	321	85	329	4,772
65	352	93	298	4,322
70	404	107	258	3,742
75	465	123	224	3,249
80	528	139	197	2,857

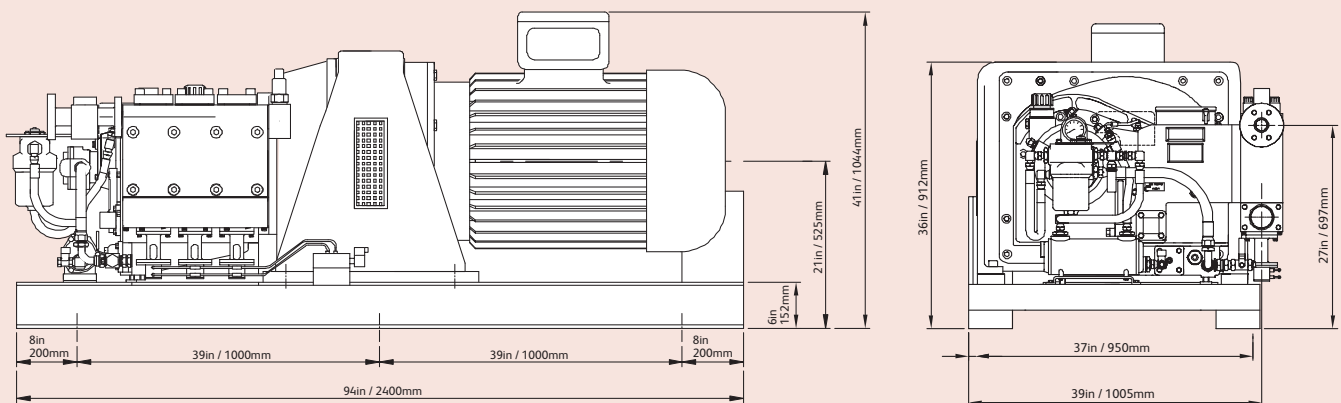
S350 PUMP DUTIES (185kW/250hp)

Motor Speed 1,475rpm
Crank Speed 602rpm

RamØ	Pump Flow		Pump Pressure	
	mm	L/min	US gpm	BAR
24*	48	13	2,070	30,023
28	65	17	1,379	20,001
30	75	20	1,369	19,856
40	133	35	765	11,095
45	168	45	615	8,920

Mechanical efficiency 95 %
Volumetric efficiency 98 %
*5 Bar inlet high boost required

PUMP DIMENSIONS



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.

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