

Trimax S200 Series

for Mining Applications

RAMS

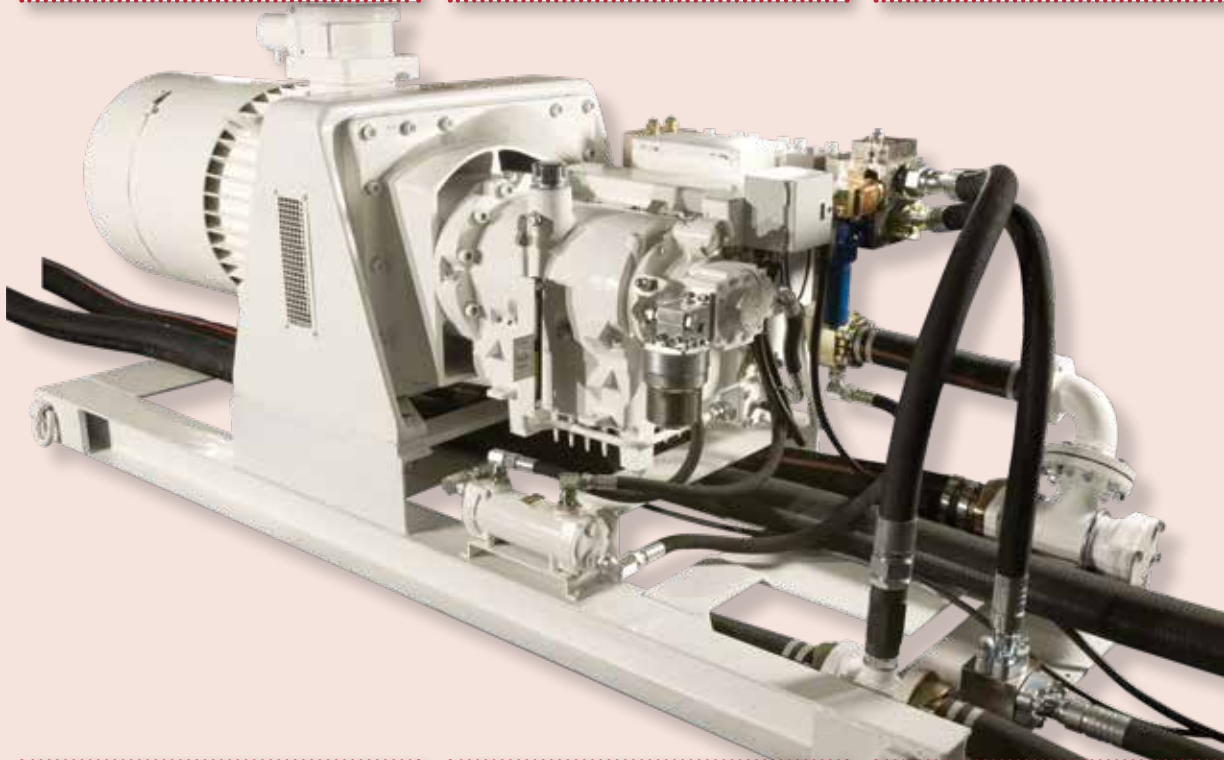
High purity alumina oxide ceramic or hardened stainless steel.

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 S200 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 | 45 - 491 l/min | 51 - 130 USgpm |
| Pressure | 2,070 - 167 Bar | 30,023 - 2,857 psi |
| Motor Power | 149 - 186 kW | 200 - 250 HP |



S200 PUMP DUTIES (150kW/200hp)

Motor Speed 1,475rpm
Crank Speed 560rpm

| RamØ | Pump Flow | | Pump Pressure | |
|------|-----------|-------|---------------|-------|
| | mm | L/min | US gpm | BAR |
| 50 | 194 | 51 | 400 | 5,802 |
| 55 | 234 | 62 | 354 | 5,134 |
| 60 | 254 | 67 | 297 | 4,308 |
| 62 | 298 | 79 | 278 | 4,032 |
| 65 | 328 | 87 | 253 | 3,669 |
| 70 | 375 | 99 | 218 | 3,162 |
| 75 | 432 | 114 | 190 | 2,756 |
| 80 | 491 | 130 | 167 | 2,422 |

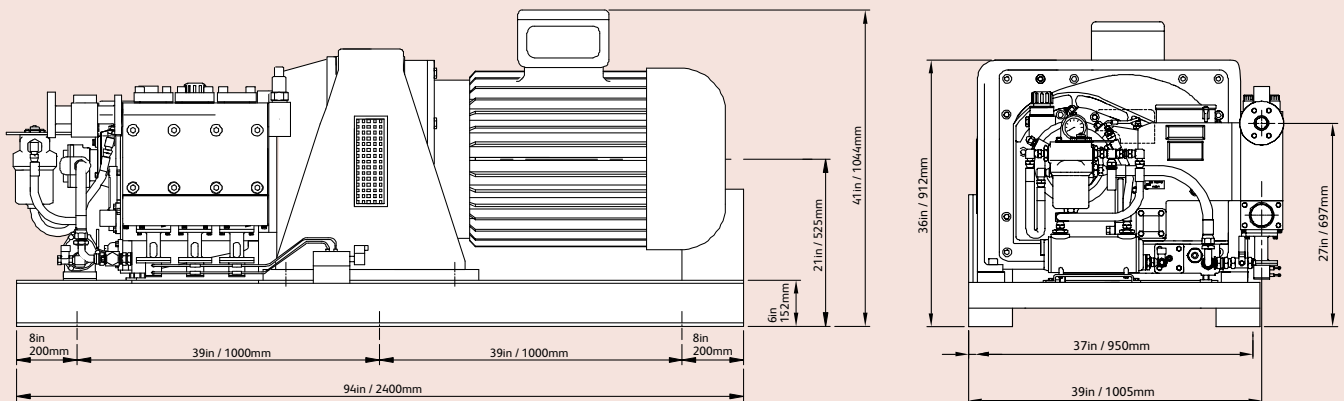
S250 PUMP DUTIES (175kW/250hp)

Motor Speed 1,475rpm
Crank Speed 560rpm

| RamØ | Pump Flow | | Pump Pressure | |
|------|-----------|-------|---------------|--------|
| | mm | L/min | US gpm | BAR |
| 24* | 45 | 12 | 2,070 | 30,023 |
| 28 | 61 | 16 | 1,379 | 20,001 |
| 30 | 70 | 18 | 1,379 | 20,001 |
| 40 | 124 | 33 | 770 | 11,168 |
| 45 | 157 | 42 | 620 | 8,992 |

Mechanical efficiency 90 %
Volumetric efficiency 95 %
*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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