



Quality is not Expensive,
it's Priceless!

intMPE
Slurry Solutions
MPPumps

**OEM
MP PUMPS**

**OBSOLETE
PARTS**

**REVERSE
ENGINEERING**

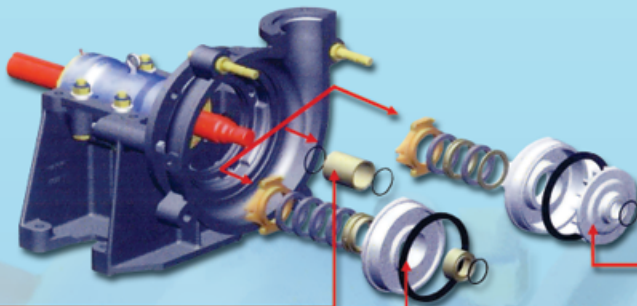
intMPE

INTERNATIONAL MINERAL PROCESSING EQUIPMENT

www.intmpe.com



Heavy Duty Slurry Pump



Shaft Sleeve

Various options available from standard to hardened sleeves with O-ring seals at both ends protects the shaft. A slip fit allows the sleeve to be removed and installed quickly. Various types of materials are available to cater to different duty requirements

Gland Seal

A packed gland type seal is available and can be fitted with ultra-low, low or full flow flush seal water arrangements.

Expeller Seal

Suitable for most slurry pumping applications providing major advantage where no gland service water is required. Not suitable for series pumping applications, or applications with high suction head.

Dredging & Large Solids Pump

Application and Versatility

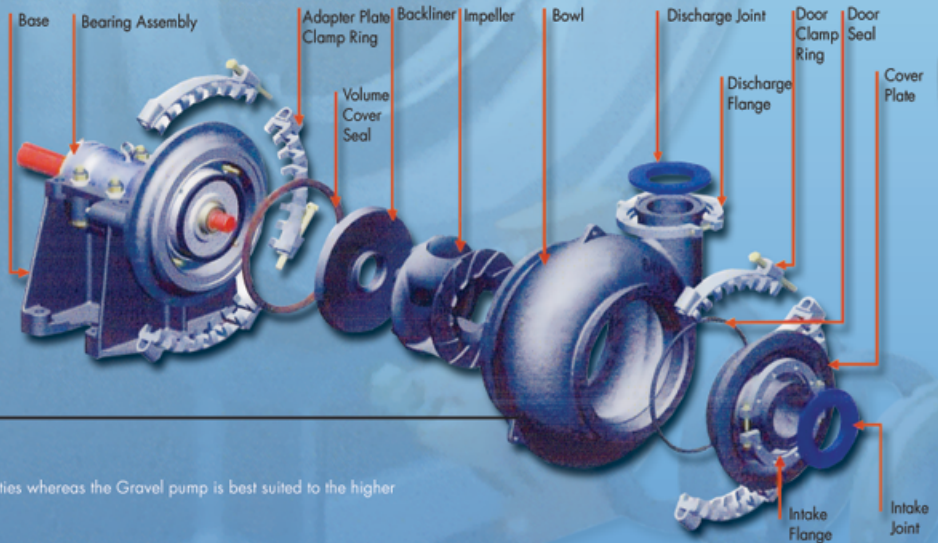
The range of Dredge and Gravel pumps is designed specifically for continuous pumping of extremely aggressive slurries, with a wide particle size distribution. Capable of handling large particles at consistently high efficiencies results in low cost of ownership. The large volume internal profile of the casing reduces associated velocities which further increases component life.

Bearing Cartridge Assembly

A large diameter shaft with a short overhang minimizes deflection and vibration. Heavy duty taper roller bearings are housed in a removable bearing cartridge. Interchangeable, extra heavy duty cartridge assemblies are also available on request.

Pump Base

A one piece casting cradles the bearing cartridge assembly. A minimum number of through bolts hold the pump casing to the frame. A simple single point impeller adjustment facility is provided in a convenient position below the bearing cartridge, minimizing contamination from media pumps.



Product Range

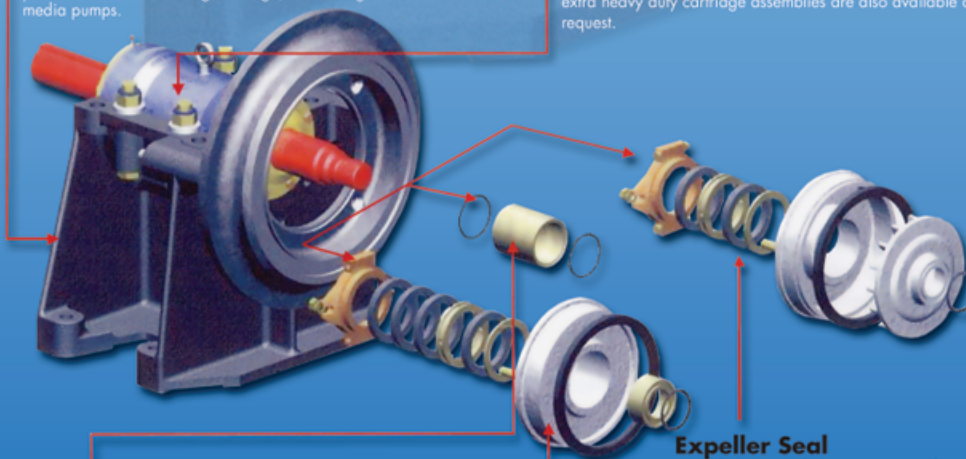
The heavy-duty Dredge pump design typically caters to low head high volume duties whereas the Gravel pump is best suited to the higher head cyclone feed and long distance pipeline duties.

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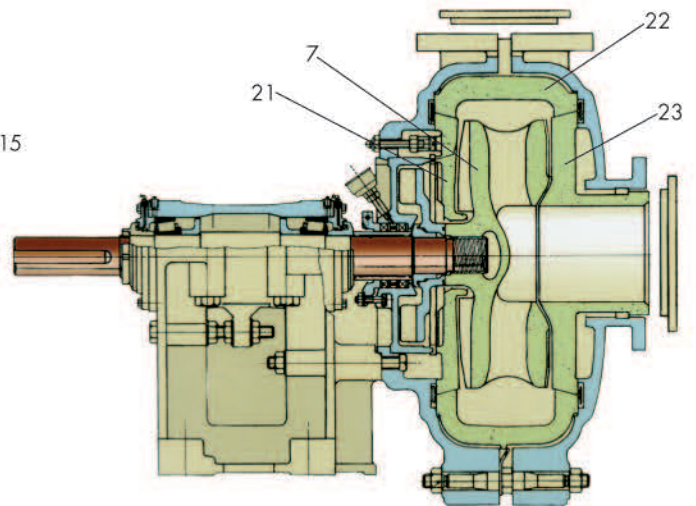
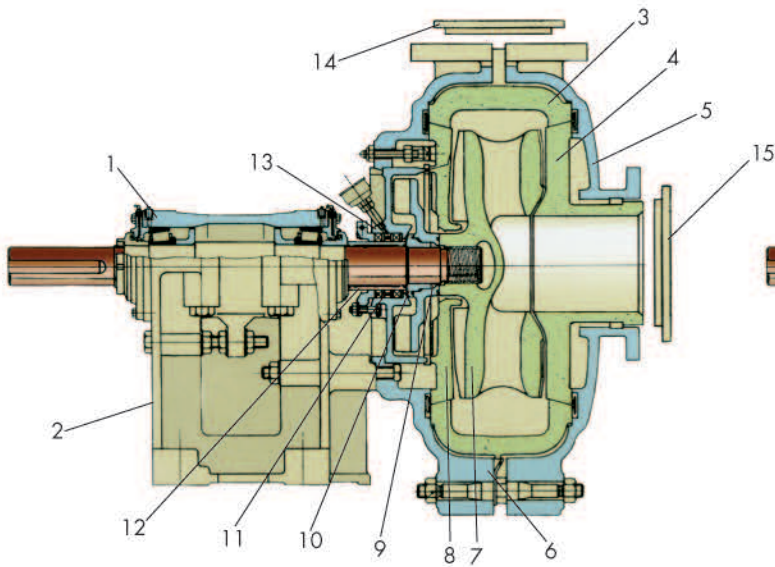
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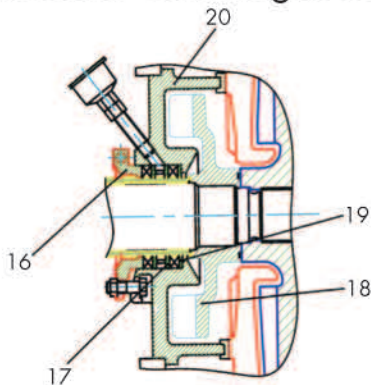


HIGH CHROME CONSTRUCTION HDSP SERIES

RUBBER LINED CONSTRUCTION HDSP-R SERIES

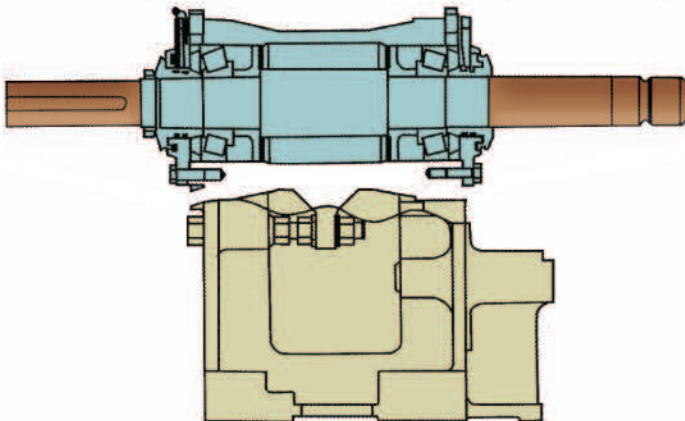


Alternate Centrifugal Seal



Heavy Duty Bearing Assemblies

for high load carrying capability
featuring removeable bearing cartridge

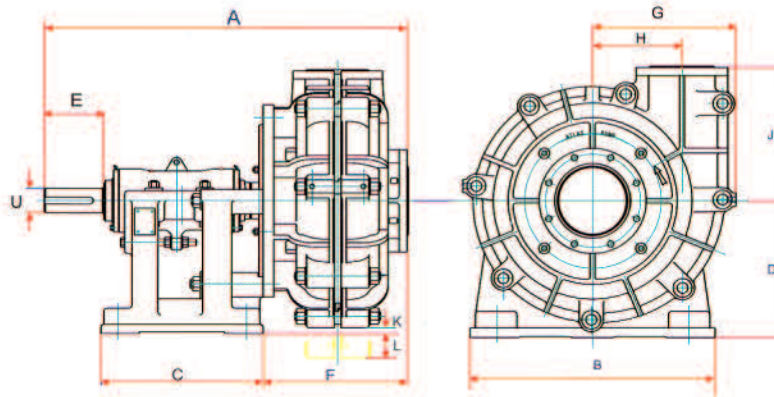
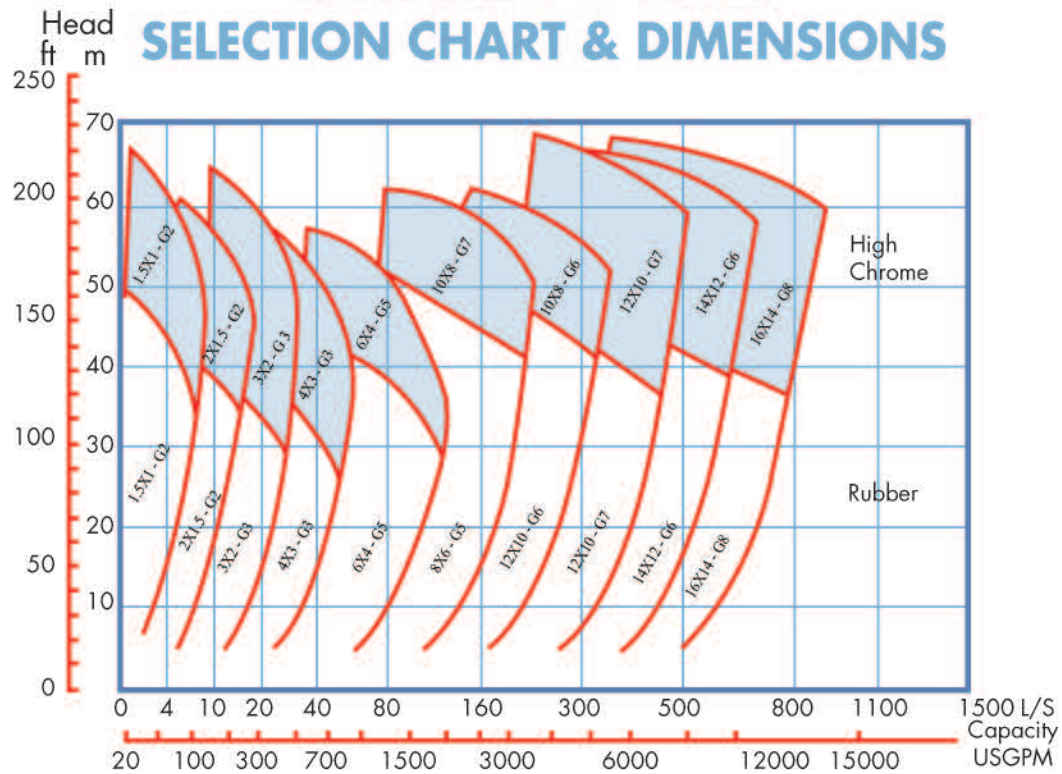


- | | |
|-----------------------|----------------------|
| 1 Bearing Assembly | 13 Stuffing Box |
| 2 Base | 14 Discharge Joint |
| 3 Volute Liner | 15 Suction Joint |
| 4 Throatbrush | 16 Gland |
| 5 Cover Plate | 17 Lantern Ring |
| 6 Frame Plate | 18 Expeller |
| 7 Impeller | 19 Neck Ring |
| 8 FPL Insert | 20 Expeller Ring |
| 9 Shaft Sleeve Spacer | 21 Frame Plate Liner |
| 10 Lantern Restrictor | 22 Cover Plate Liner |
| 11 Packing | 23 Throat Bushing |
| 12 Shaft Sleeve | |

Sealing options include: packing,
centrifugal seals and mechanical seals.

SLURRY PUMP

SELECTION CHART & DIMENSIONS



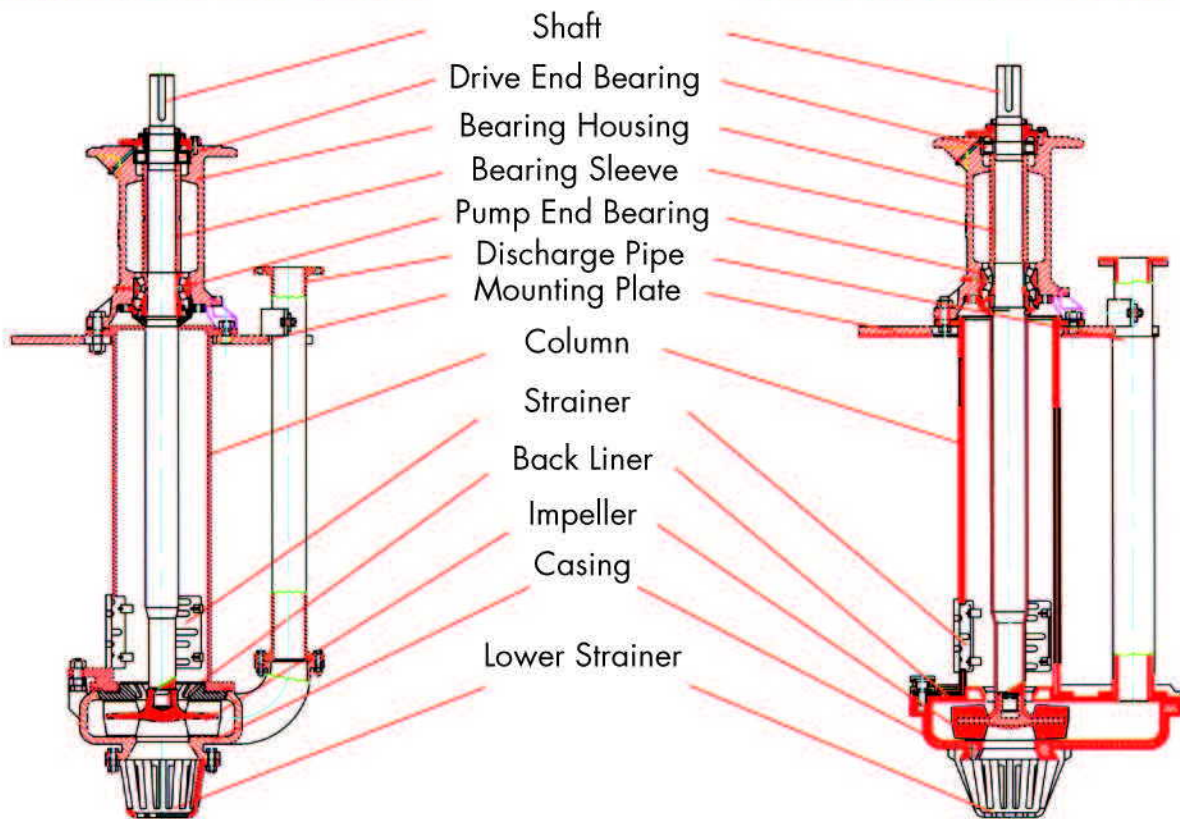
Pump Size	A	B	C	D	U mm	Key Size	E	F	G	H	J	K	L	M	N	O	P	WT/LBS	
																		METAL	RUBBER
1.5X1 - G2	22.95	11.61	9.76	7.76	28	8X7	3.11	8.11	7.13	3.86	6.73	1.81	—	4.17	0.74	5.63	10	195	170
2X1.5 - G2	23.31	11.61	9.76	7.76	28	8X7	3.11	8.54	7.99	4.49	7.24	1.31	—	4.49	0.86	5.63	10	345	260
3X2 - G3	30.24	15.98	12.24	10	42	12X8	4.76	11	9.37	5.43	8.27	2.81	—	5.94	1.56	6.89	14.02	435	340
4X3 - G3	33.19	15.98	12.24	10	42	12X8	4.76	13.9	11.5	5.87	10.3	0.93	—	7.36	2.11	6.89	14.02	550	520
4X3 - G4	37.13	19.37	14.33	13	65	18X11	6.46	13.9	11.5	5.87	10.3	3.94	—	7.36	2.04	8.39	18.98	700	640
6X4 - G4	40.2	19.37	14.33	13	65	18X11	6.46	16.7	15.98	9.02	13.3	0.43	—	8.62	2.57	8.39	18.98	1475	1000
6X4 - G5	46.38	24.49	17.64	18	80	22X14	8.74	17.1	15.98	9.02	13.3	5.43	—	8.62	2.96	10.12	21.5	1950	1400
8X6 - G5	51.26	24.49	17.64	18	80	22X14	8.74	21.9	21.69	12.5	18.1	—	2.4	11.5	3.23	10.12	21.5	3300	2165
8X6 - G6	59.33	33.74	25	24	100	28X16	10.98	21.2	21.69	12.5	18.1	3.54	—	11.5	2.56	19.29	21.65	4000	3065
10X8 - G6	64.8	39.02	27.76	24	100	28X16	10.98	26.9	26.5	16.5	25	—	0.5	13.1	5.28	19.29	21.65	7040	5690
10X8 - G7	68.82	45.28	30.71	25.6	120	32X18	11.02	27.2	26.5	16.5	25	1.06	—	13.1	5.63	24.4	35.43	8250	6900
12X10 - G6	67.76	39.02	27.76	24	100	28X16	10.98	29.7	29.76	18.3	26.5	—	4.1	15	4.25	19.29	21.65	8290	6190
12X10 - G7	71.5	45.28	30.71	25.6	120	32X18	11.02	30	29.72	18.3	26.5	—	2.6	15	4.6	24.4	35.43	9500	7400
14X12 - G6	69.76	39.02	27.76	24	100	28X16	10.98	31.6	36.89	24.8	32.8	—	10	16	4.13	19.29	21.65	12890	9090
14X12 - G7	73.74	45.28	30.71	25.6	120	32X18	11.02	32	36.89	24.8	32.8	—	8.8	16	4.48	24.4	35.43	14100	10300
16X14 - G8	91.34	57.48	41.34	35.4	150	36X20	13.78	37.5	41.26	26	35	—	3.3	17.8	6.56	33.86	47.24	22000	—

**Note: U dimensions and key sizes are in millimeters.
All others are in inches.**

HEAVY DUTY CANTILEVERED SLURRY SUMP PUMPS

MODEL VSP HIGH CHROME SUMP PUMP

MODEL VSP-R RUBBER LINED SUMP PUMP



VSP SUMP PUMP SELECTION CHART

