



SUPASLURRY

Total Heavy Duty Slurry Solutions

Slurry Pumps

SSHP HORIZONTAL SLURRY PUMP SERIES

RELIABILITY - RUGGEDNESS - EFFICIENCY - DURABILITY



Landmark Mining & Minerals (Pty) Ltd.

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JOIN THE SUPASLURRY ADVANTAGE

Since our inception, Landmark Mining and Minerals has been providing pragmatic solutions to the heavy duty slurry pumping industry. We are able to engineer a system for every application in the industry. Our main objective is to provide a wide range of products that meets highest international quality standards. We are active in design, production, distribution and providing technical service for horizontal and vertical spindle slurry pumps used in surface, underground mining, mineral beneficiation and power generation activities located in Sub-Saharan Africa. A product carrying the Supaslurry brand promises to provide required durability and utility to sustain continuing satisfaction for the end user in compliance with all the rules and regulations. Our horizontal and vertical Supaslurry pumps represent an optimal combination of ruggedness, durability, hydraulics and value for money.

Quality

Landmark holds dear the same standards and premium quality that are found in the original parts supplied by traditional suppliers. Our pumps and replacement parts are the go-to when sourcing for severe duty centrifugal slurry pumps and parts. Landmark is taking all steps to become a leading brand in the industry, by following a very stringent quality control management system. Landmark is in a non-stop cycle of modification in order to meet the ever-changing and demanding environment of the slurry transporting sector. All our products are safe, up-to-date and comply fully with international safety and performance specifications.

Availability

- Quick Quotation turn-around
- Market leading product availability and service levels
- Attentive superior customer service
- Prompt and reliable delivery
- A peace of mind after sales backup service.

Reliability

A product carrying the Supaslurry brand promises to provide required ruggedness, reliability, durability and utility to sustain continuing satisfaction for the end user. We specialize in handling the toughest and most abrasive applications in the industry. By using our slurry pumps and parts, the user enjoys a perfect fit and finish to reduce installation workload. Landmark is a manufacturer with unmatched quality, product value and engineering expertise. Our Landmark Mining and Minerals warranty is guaranteed.



HEAVY DUTY PUMPS

Supaslurry Pumps Versatile Solutions

The Supaslurry SSHP horizontal pump range is designed using the latest hydraulic and wear-resistant technologies to handle the most abrasive and corrosive slurry applications. Our SSHP series pumps made from genuine Supaslurry parts, cast from the hardest chrome irons or various rubbers/elastomers, strikes the ideal balance between wear-rate and efficiency. This gives the versatility to ensure the best efficient pumping solution for your application.

FEATURES

SSHP SUPASLURRY HORIZONTAL PUMP

- Ranges:1”(25mm) to 18”(500mm)
- Flow Rates:2,3 m3/hr to 7300m3/hr
- Total Head upto:110m

TYPICAL APPLICATION

- Mill Discharge
 - Thickener Overflow & Underflow
 - Concentrator Process Pumps
- Cyclone Feed
 - Tailings Transport
 - Mine De-watering

INDUSTRIES

- Iron & Steel
 - Sand & Gravel
 - Sugar and Raw foodstuffs
 - Mining Industry (Coal, Diamond , Aluminium, Gold, Platinum, Phosphate, Copper, Zinc, Iron Ore, Pulp & Paper)
- Cement
 - Mineral Sands
 - Chemical slurry

BEARING ASSEMBLY

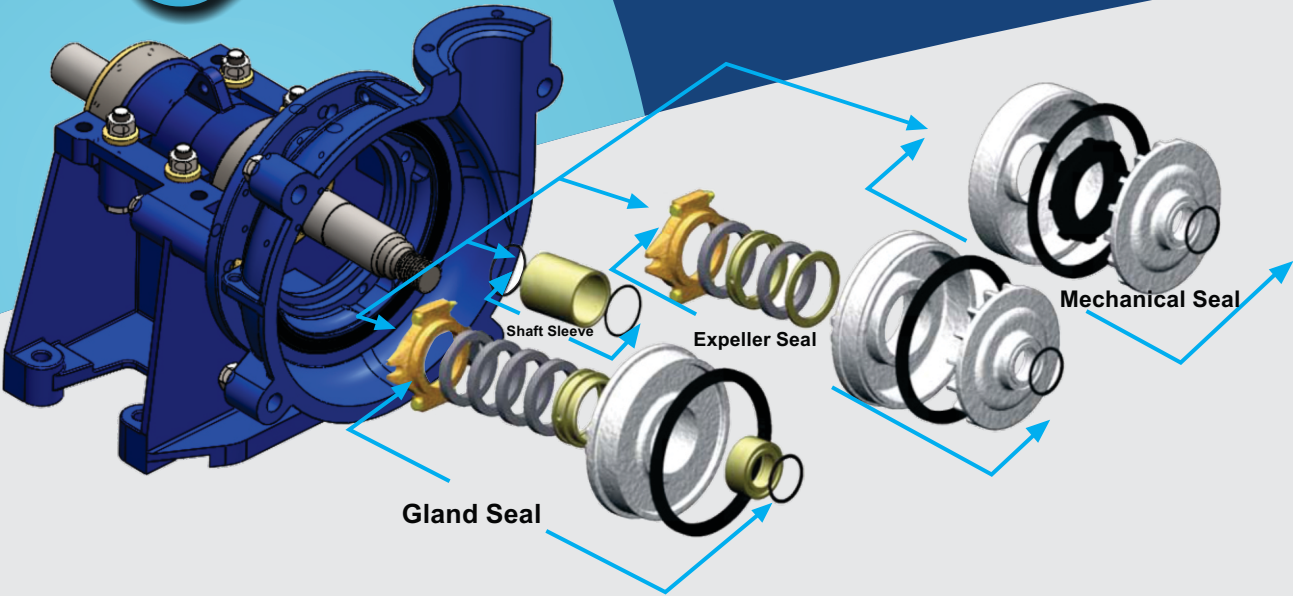
- Grease Lubricated Cartridge bearing assembly
- Extended bearing life with oversized shaft diameters and bearings
- Superior high strength shaft materials
- Best quality brand tapered and roller bearings

An optional heavy duty bearing assembly is available from Supaslurry Pumps for applications where additional power or bearing loading is required.

STANDARD BEARING ASSEMBLY		HIGH CAPACITY BEARING ASSEMBLY	
Size	kW Max (HP)	Size	kW Max (HP)
SS-B	15(20)	N/A	N/A
SS-C	30(30)	SS-CC	55(74)
SS-D	60(80)	SS-DD	110(148)
SS-E	120(120)	SS-EE	225(302)
SS-F	260(349)	SS-FF	425(570)
SS-G	600(805)	SS-GG	900(1207)



Standard
Sealing
Options



MATERIAL OF
CONSTRUCTION OPTIONS

We offer total material versatility and the interchangeability of our components extends the life of our parts.

	Standard	Options
Impellers	High Chrome Alloy Natural Rubber	Stainless Steel 316, Neoprene Polyurethane, Hypalon, Ultra-Chrome
Liners	High Chrome Alloy Natural Rubber	Stainless Steel 316, Neoprene Polyurethane, Hypalon, Ultra-Chrome
Casing	SG Iron	SG Iron Grades
Expeller	High Chrome Alloy	Ultra- Chrome Alloy, SG Iron Polyurethane, Stainless Steel 316
Expeller Ring	High Chrome Alloy	Ultra- Chrome Alloy, SG Iron, Polyurethane, Stainless Steel 316, Neoprene
Shaft Sleeve	Stainless Steel 304 and 316	SG Iron,
Stuffing Box	High Chrome Alloy	Ultra- Chrome Alloy, SG Iron, Stainless Steel 316
Gland	Stainless Steel	SG Iron, Brass

EXPLODED VIEW OF SUPASLURRY RUBBER / METAL-LINED PUMP

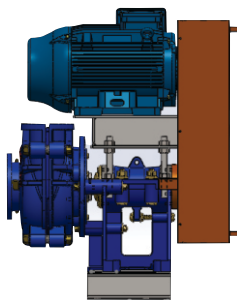


Impellers

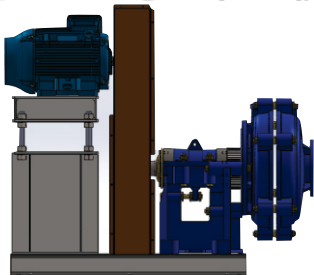
- Supaslurry standard impellers are designed to optimally balance wear life, lifetime efficiency and minimise total energy cost over the full service life of the pump
- Pump-out vanes on both impeller shrouds and the concave impeller vanes minimises re-circulation, reduces stuffing box pressure and results in uniform wear, thus sustained, high efficiency throughout the life span of the components.
- Safe and simple single point impeller adjustment to maintain peak efficiency

DRIVE ARRANGEMENTS

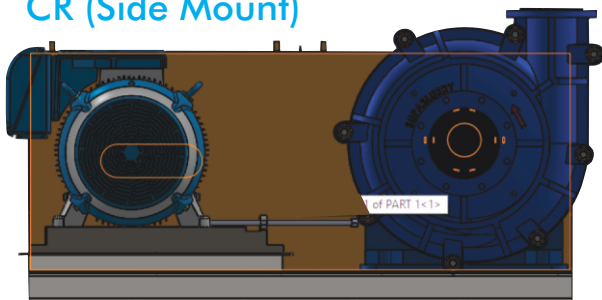
CV (Overhead)



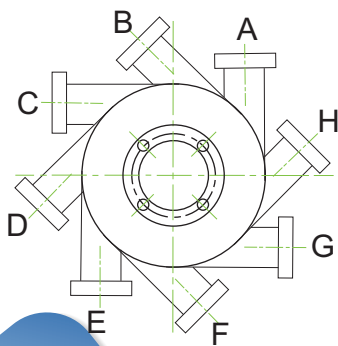
ZV (Reverse Overhead)



CR (Side Mount)



Discharge Angles



Orientation of the discharge can be in any of the labeled eight positions 45 Degrees apart.

Repairs



Landmark understands that keeping your pumps running efficiently is important to your operation, that is why we provide 24/7 pump repair services and parts availability. We have a fully equipped workshop which boasts the latest in tooling and equipment to ensure that pump services are carried out to the best quality standard. All pumps serviced at our workshop receive our usual guarantee.

The pumps that we supply can be accompanied by customised service and maintenance contracts to not only maintain the efficiency of your pump unit, but also prolong its service life. This includes regularly scheduled visits to inspect your pumps and perform minor repairs when necessary.





Cost Effective

Supaslurry products come with a noticeable low cost guarantee that will ensure reduction in medium and long-term costs. We always provide the highest quality products and maintaining the cost benefit balance for our customers and partners.

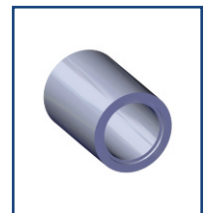
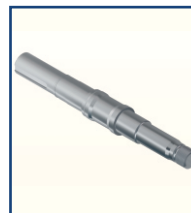
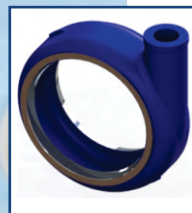
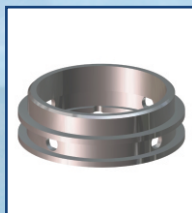
- Our pumps and parts are designed to ease the installation process thereby reducing down-time costs
- Radically extent wear life
- Reduce parts count
- Our product interchangeability reduces inventory capital investment.

Spare Parts

Landmark maintains a spare parts inventory at all times to ensure that immediate help is at hand when you need it most. From bearing replacement, impellers, shafts and complete overhauls, our certified service technicians are on call and ready to take on emergencies at a moment's notice.

Our comprehensive spare parts warehouse stocks a full range of spare parts and components, including:

- Impellers
- Shaft Sleeves
- Throat Bushes
- Casings
- Back Plates
- Shaft Seals
- Bearing Covers
- O-Rings

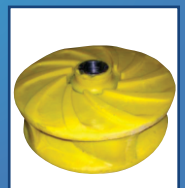
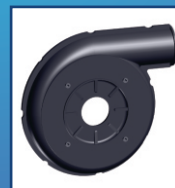
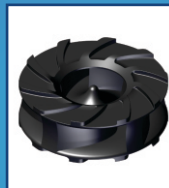


Rubber Elastomer Parts

Our elastomer parts are designed to provide longer life and abrasion resistance in a variety of applications. We offer a wide variety of rubbers and synthetic elastomers for the majority of our wet end.

Available Options:

- Natural Rubber
- Neoprene
- Hypalon
- EPDM
- Nitrile
- Butyl



For specific material offerings please contact us for a quote.

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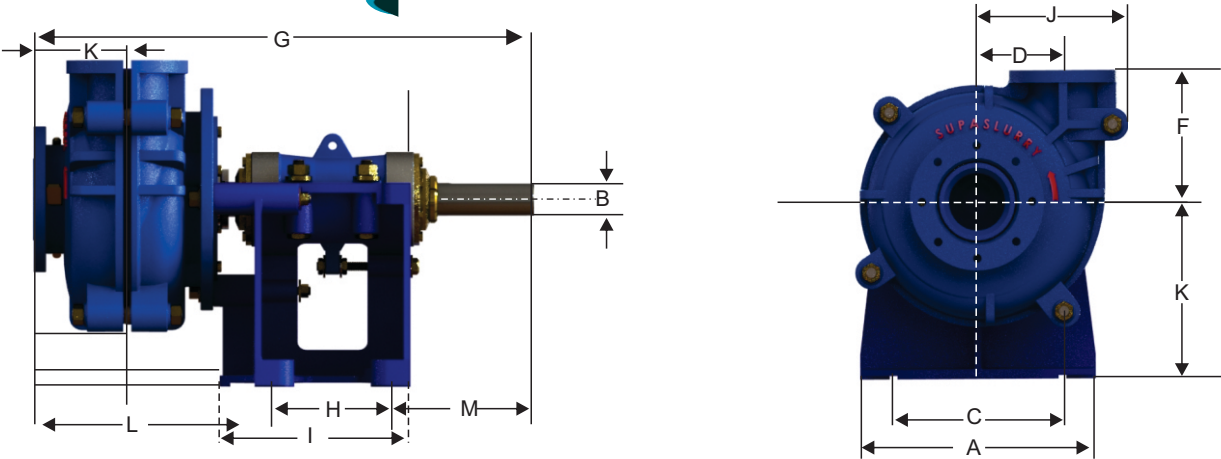
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DIMENSIONS



PUMP MEASUREMENT

PUMP TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	INTAKE FLANGE				DISCHARGE FLANGE				WEIGHT
														PCD	NO. of HOLES	HOLE DIA.	O.D	PCD	NO. of HOLES	HOLE DIA.	O.D	
SS1.5/1B	295	28	254	98	197	171	580	143	247	181	115	297	145	114	4	16	152	127	4	16	165	130
SS2/1.5B	295	28	254	114	197	184	585	143	247	205	115	297	145	146	4	19	184	127	4	19	165	135
SS3/2C	406	42	356	138	254	200	768	175	310	240	152	383	210	178	4	19	216	146	4	19	184	191
SS3/2D -HH	494	42	432	254	330	368	986	213	310	384	203	483	260	178	8	19	216	165	4	19	203	650
SS4/3C	406	42	356	149	254	262	836	175	310	294	127	452	210	235	4	22	279	190	4	22	228	263
SS4/3D	494	65	432	149	330	262	945	213	363	294	220	472	260	235	4	22	279	190	4	22	228	363
SS4/3E-HH	623	80	545	330	457	432	1226	257	447	480	203	380	343	210	8	19	254	210	8	19	254	1250
SS6/4D	494	65	432	229	330	338	1007	213	363	410	220	316	260	292	4	22	336	235	4	22	279	728
SS6/4E	623	80	545	229	457	338	1175	257	447	410	220	572	343	292	4	22	336	235	4	22	279	728
SS8/6E	623	80	545	318	457	460	1300	257	447	550	300	403	343	356	8	22	406	324	8	22	368	1350
SS8/6F	636	100	762	318	610	460	1500	349	636	552	300	724	426	356	8	22	406	324	8	22	368	1650
SS200E	623	80	545	375	457	470	1337	257	447	550	318	450	343	445	12	29	502	375	12	30	432	1280
SS200F	857	100	762	381	610	470	1550	349	636	808	318	763	426	445	12	29	502	375	12	30	432	1950
SS10/8FAM	990	100	762	420	610	635	1650	584	685	695	332	743	410	495	12	32	552	425	12	32	482	1350
SS250FG	857	100	762	438	610	470	1600	349	636	695	324	775	426	495	12	32	552	425	12	32	482	2450
SS12/10FAM	990	100	762	464	610	673	1600	584	685	756	381	765	410	470	8	25	527	470	8	25	527	3200
SS12/10G	1220	140	851	464	852	673	1700	749	876	756	355	765	450	470	8	25	527	470	8	25	527	3200
SS14/12G	1220	140	851	630	852	832	2040	749	876	945	355	863	450	521	12	24	584	495	12	24	552	6080
SS16/14G	1220	140	851	660	852	800	2320	1050	900	995	150	1020	550	641	8	35	705	610	12	29	673	10500
SS20/18BTU	1460	150	1200	940	900	1230	2471	860	1050	1414	355	1195	620	800	12	42	900	800	12	42	900	18864

SSHP HORIZONTAL PUMP
FLOW CHART

