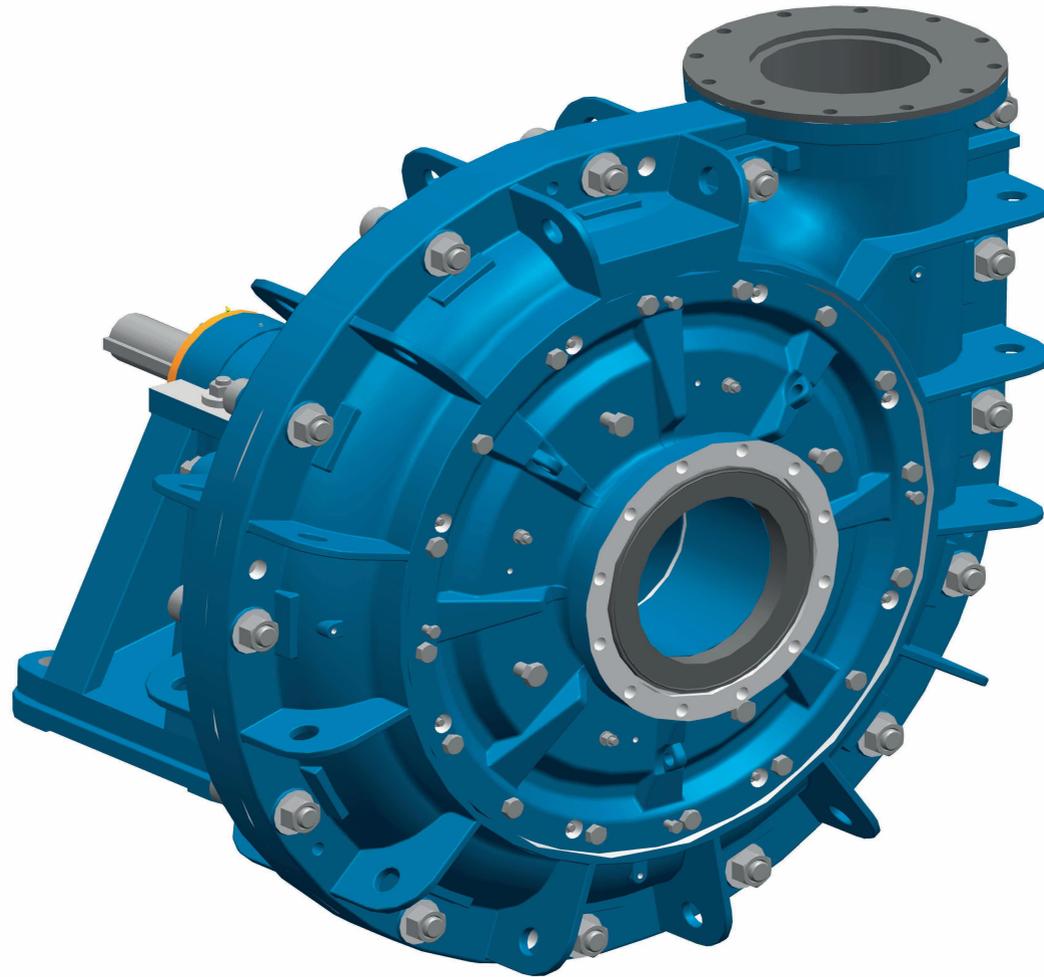




Mill Circuit Underflow Pump

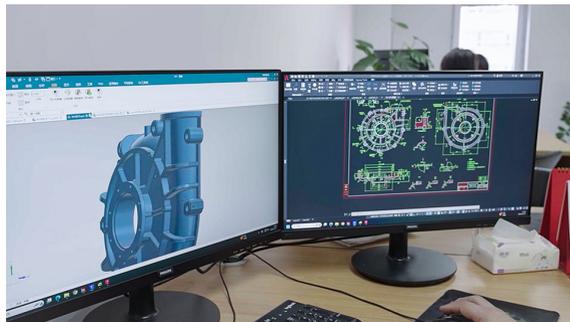


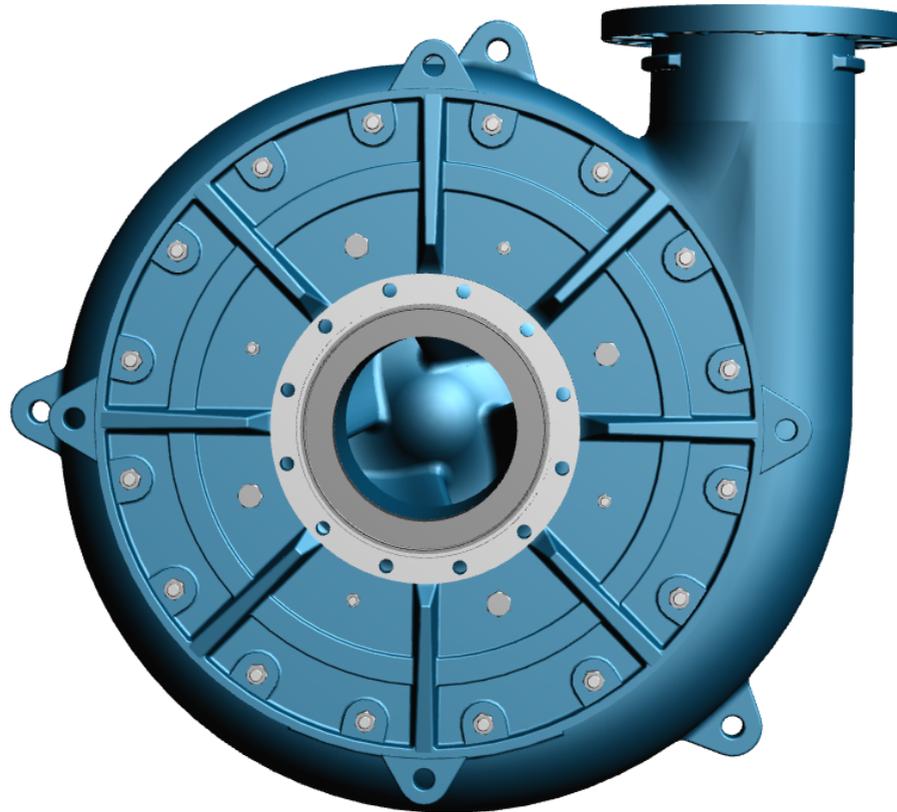
Company Profile

Shijiazhuang Minerals Equipment Co., Ltd, also known as CNSME®, is a professional Slurry Pumps and parts manufacturer based in the city of Shijiazhuang, Hebei, China. With nearly 20 years of experience dedicated to the pump industry, we provide expert advice, reliable products, and responsible technical service to our customers from all over the world.

We stock an extensive range of pumps and main spare parts to ensure a shorter lead time and faster delivery to the user's site to reduce the downtime to its minimum and save the total ownership cost.

CNSME® is working its best to become one of the world class suppliers of trusted slurry pumps and parts to serve global mining, minerals processing, sand and aggregate and other related industrial sectors.





Overview

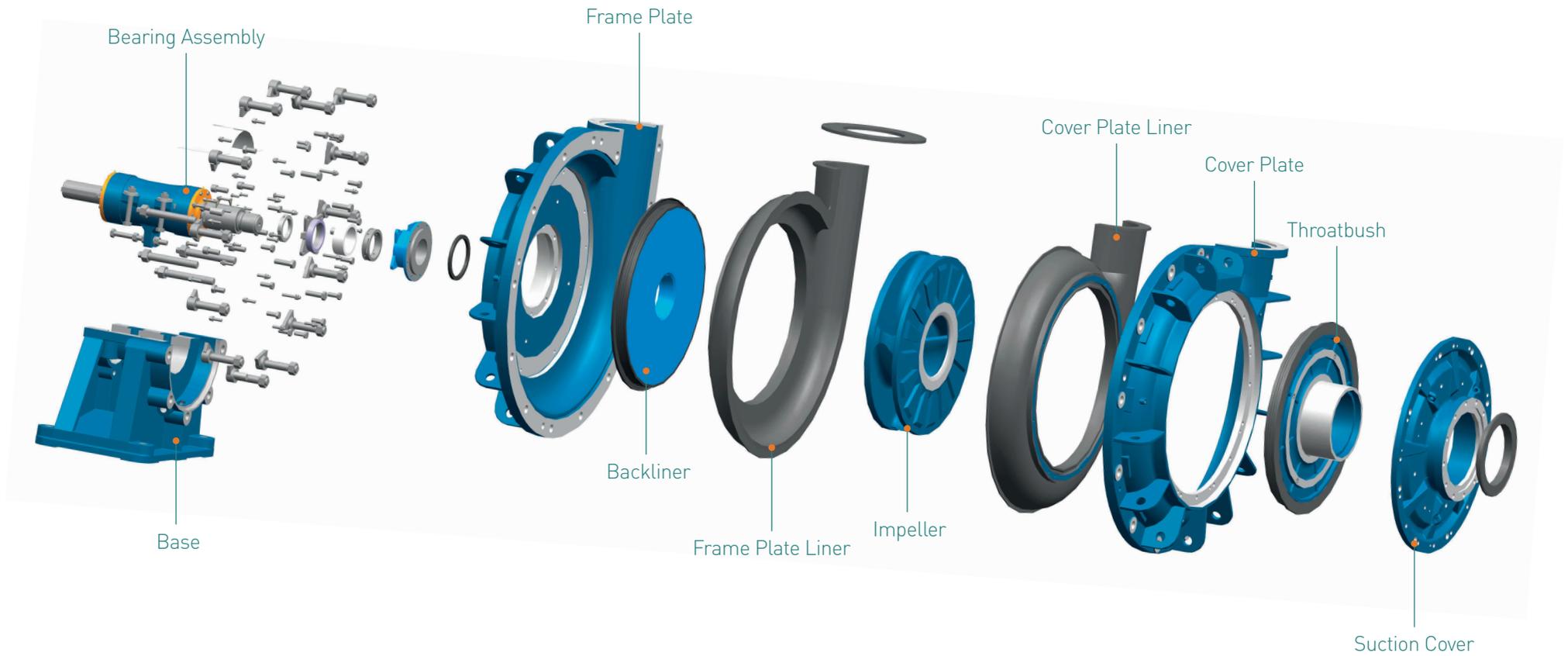
The mill underflow duty MCU(MCR) pump range is specifically designed for the most aggressive and coarse applications such as ball mill cyclone feed and water flush crushing in mineral processing plants. The MCU(MCR) pumps easily manage large size particles in dense abrasive slurries and offer the right combination of ruggedness, durability, hydraulics and materials.

Specifications

Discharge size range: 125mm to 750mm [5" to 30"]

Flowrates to: 17000m³/hr [74,790GPM]

Heads to: 60m [197ft]



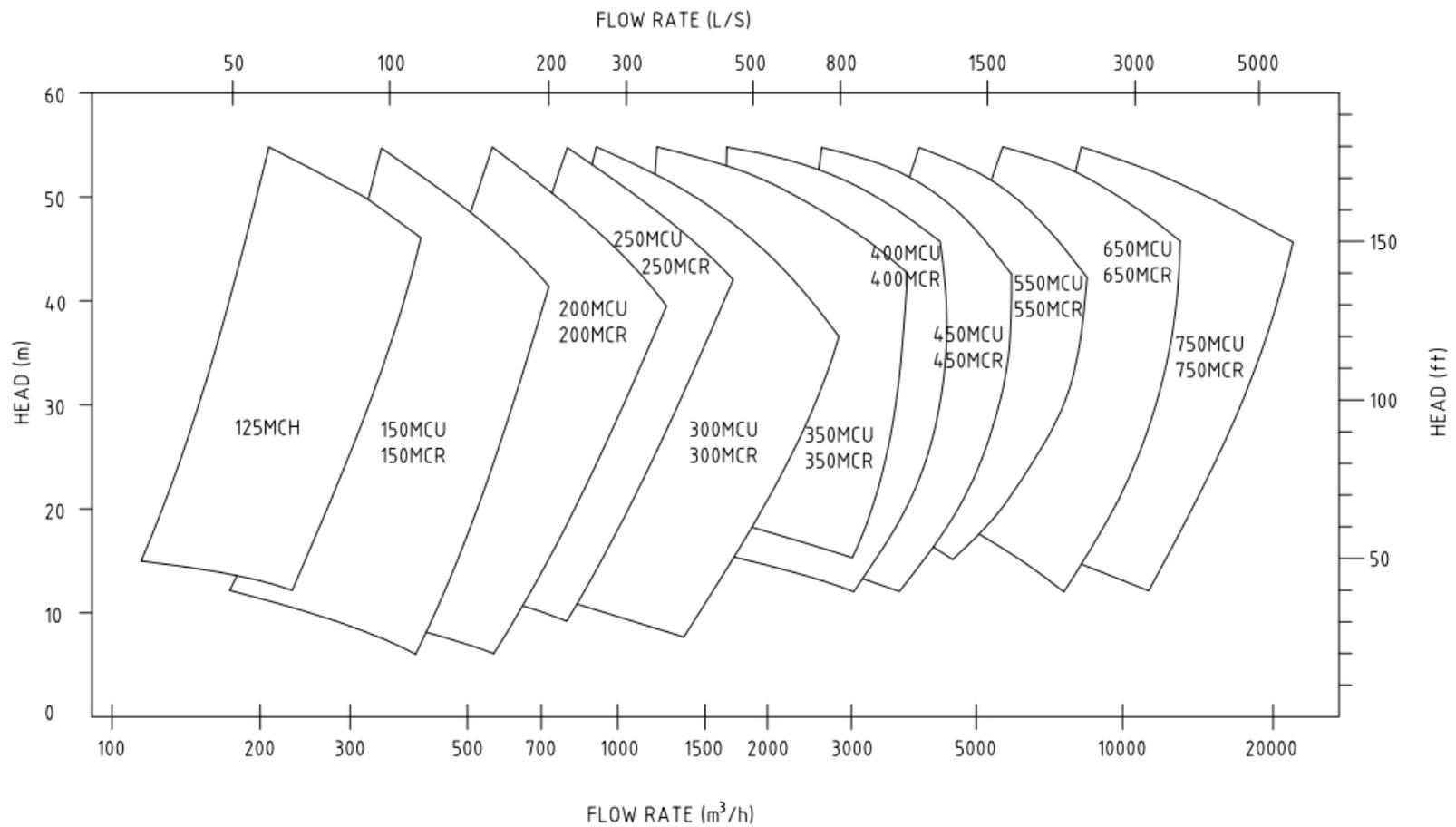
Outline Dimensions

Pump Model	A*	B*	C	D	U	Key Size	E	G	H	J*	K	L	M	N	W
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
125EE-MCH	1200	206	240	457	85	22×14	222	378	412	385	384	448	622	240	64
150EE-MCR(U)	1247	243	351	457	85	22×14	222	533	569	532	554	448	622	265	400
200FF-MCR(U)	1670	335	485	610	120	32×18	290	725	752	745	740	705	990	383	460
250DD-MCR(U)	1742	390	560	610	120	32×18	290	824	868	850	847	705	990	399	350
300GG-MCR(U)	2010	381	629	851	150	36×20	357	940	1020	879	980	876	1219	393	870
350TU-MCR(U)	2262	404	697	900	150	36×20	350	1030	1123	970	1077	1050	1460	502	390
400TU-MCR(U)	2412	510	801	900	150	36×20	350	1148	1281	1156	1199	1050	1460	520	450
450TU-MCR(U)	2468	580	930	900	150	36×20	350	1293	1431	1207	1345	1050	1460	520	850
550U-MCR(U)	3180	680	1025	900	240	56×32	455	1406	1550	1322	1479	1375	1440	610	850
650U-MCR(U)	3343	758	1200	900	240	56×32	455	1645	1853	1554	1755	1375	1440	709	1200

* Includes compression of rubber flange joint.

Note: Casing dimensions are symmetrical around vertical centerline if the “ left vertical ” pump orientation was used

Performance Coverage for Quick Selection



Key Features

Large diameter, low speed, high efficiency impellers manufactured from a range of abrasion resistant hard alloys provides increased wear life

Unique design and excellent hydraulics ensures high performance efficiency

4-vane, large open impeller internal passages allow for larger particle passing

Latest wear resistant materials combination optimizes component performance

Interchangeable metal or elastomer liners provides ease of maintenance

A large diameter shaft with the shortest possible over hang and heavy duty roller bearings housed in a removable bearing box extends bearing life

Impeller release collar facilitates the impeller removal

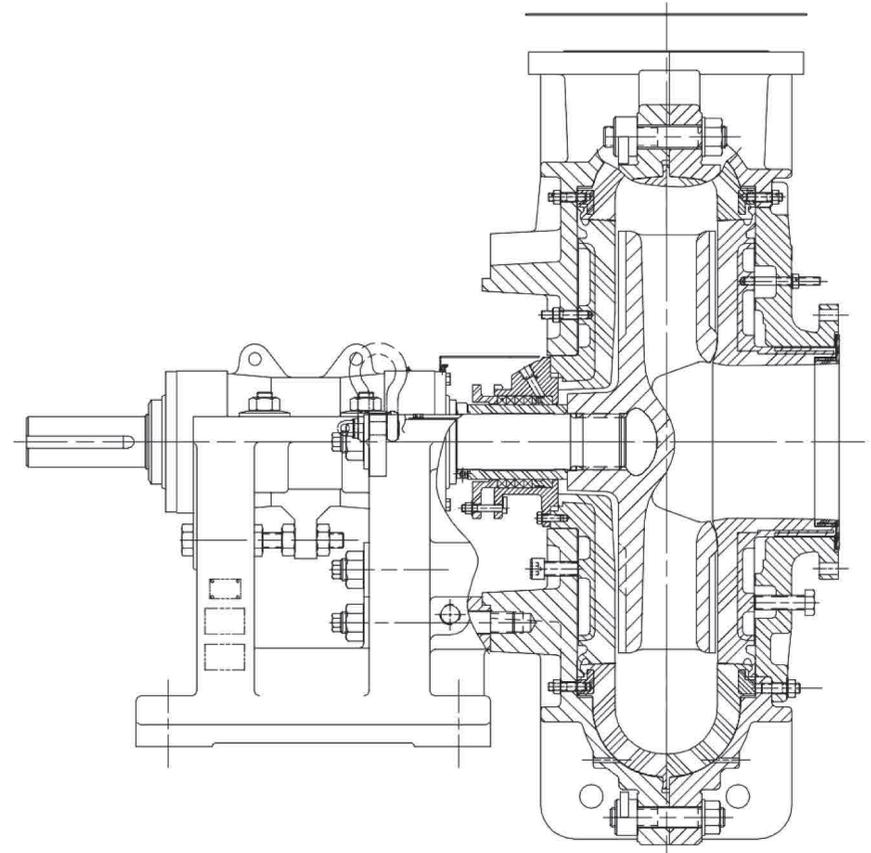
Simple full face side liner adjustment allows the liner to move closer to the impeller face to minimize the impeller-throatbush gap and to extend wear life

Fast one-piece wet-end change-out on larger sized pumps ensures minimum mill downtime to save time and money

Available pump body reverse rotations allows for both right vertical (standard) and left vertical (optional) discharge positions to offer plant design flexibility

Typical Applications

- Coarse Tailings
- Dredging
- Wet Crushers
- Minerals Concentrate
- Coal
- Mill Discharge



Centrifugal Slurry Pumps

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