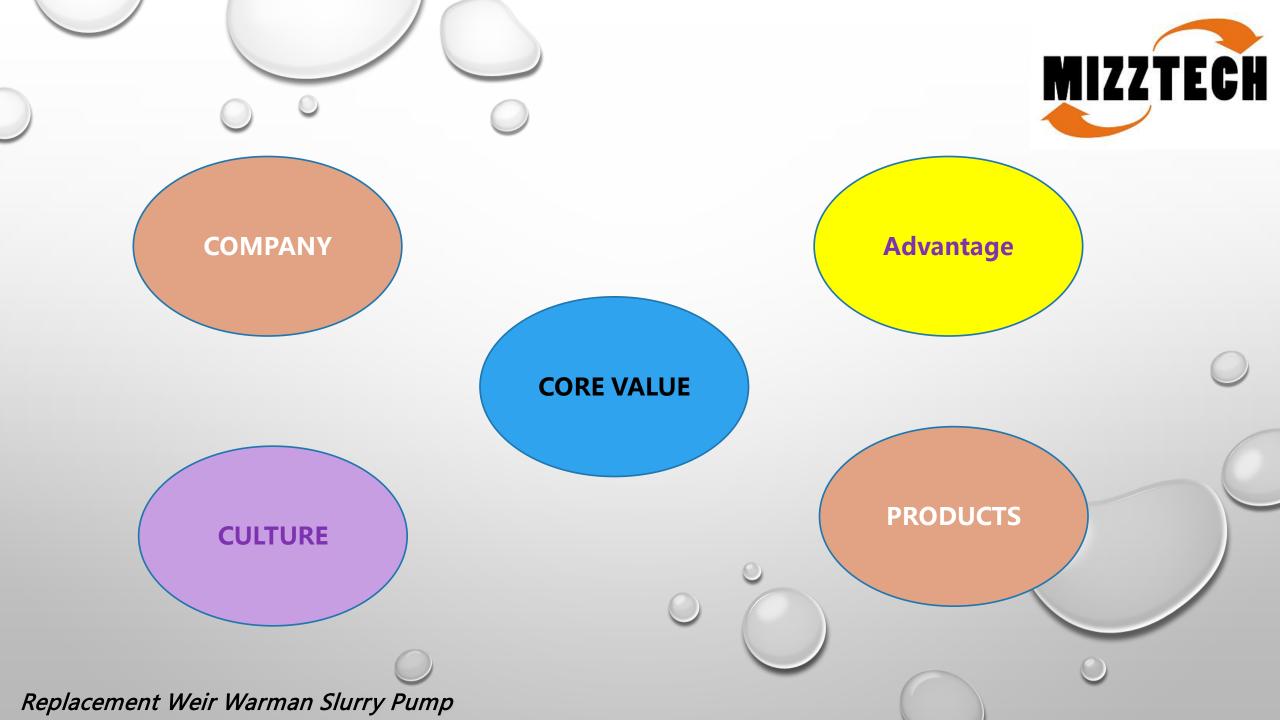
HEBEI MIZ TECHNOLOGY CO., LTD

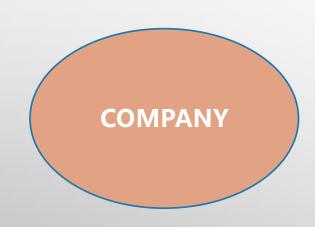




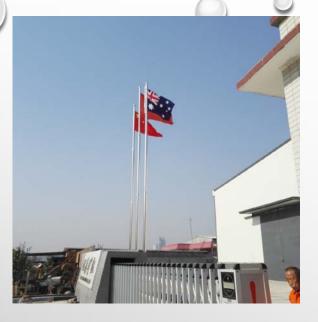
Mizztech slurry pump is one new & large style company owned privately.

The company was started since 2008, with only several years construction, Mizztech has formed an awesome capacity of producing mining equipments, such as slurry pumps, dredging pumps, and rubber liners, mining processing solutions etc.

At present, Mizztech factory has the production capacity of 1000 Sets/4000 tons, mainly supply whole setup pumps, ball mills, vibration screens, floating selection equipments and even hydro cyclone series products for domestic and abroad business department in the area of mining, metallurgy, Electricity, Petrol, Chemical, Coal, Environment protection, city water supplying, Land irrigation etc.









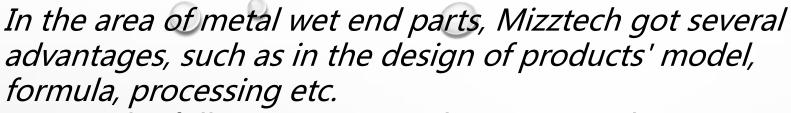






Replacement Weir Warman Slurry Pump





we got the following unique advantages in designing and manufacturing wet end parts for slurry pump,



✓ Mizztech adopt new formula to make sure Metal sparesworks in tough slurry. For example: MMG Group, Kinsevere site in DRC.

✓Our unique wet end parts works well in high head application. Such as: Murmansk Ferro- nickel mine 76m head.

✓ Mizztech spares can delivery large particle slurry for it's varying impeller vanes

√The life span of our special alloy wet end parts is 1.1- 4 times than original alloy parts. (Life span changes depends on the elements such as particle and head etc.)

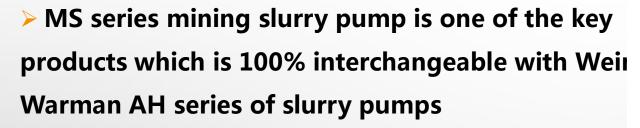
√We even got R&D, manufacturing capacity for large Diameter alloy impeller, for example (over \$400mm)

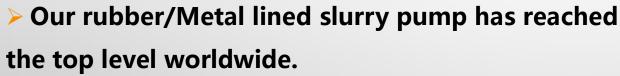






PRODUCTS





> Our rubber wet end parts can be absolutely interchangeable with Warman AH, ZGB, ZJ series



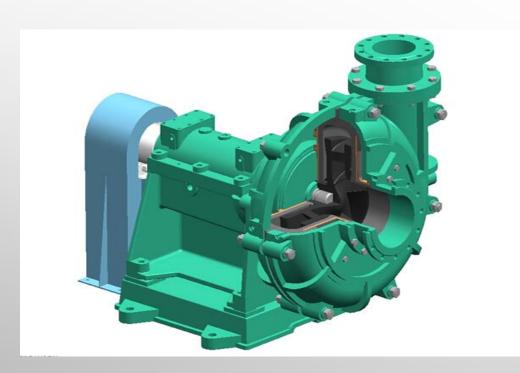




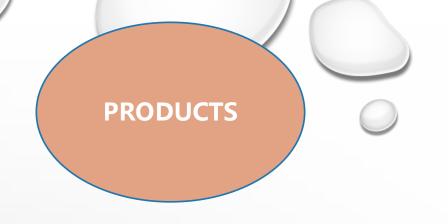




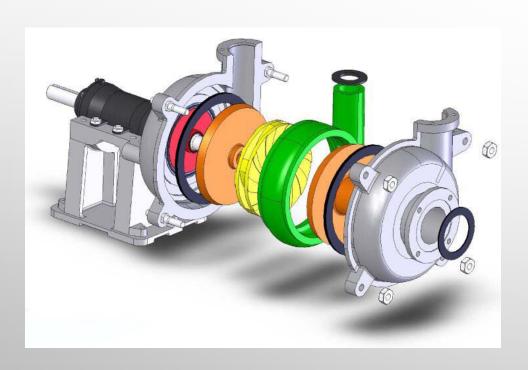




- > Type and construction of MS Series Mining Slurry Pump
- > Type: Single Stage & Suction, double casing, centrifugal Slurry Pump



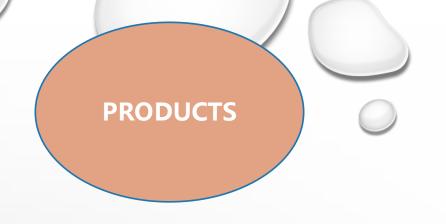




Construction

Volute Section

- ✓ Double Body(Volute& Casing), radial direction cutting
- ✓ Volute Stand corrosion and abrasion, casing withstand pressure and protect volute
- ✓ Volute can be changed after weared down
- ✓ Volute can adopt different anti-wear, anti-corrosive materials; such as high-chrome alloy and wearable rubber
- ✓ Casing material is CI or DI



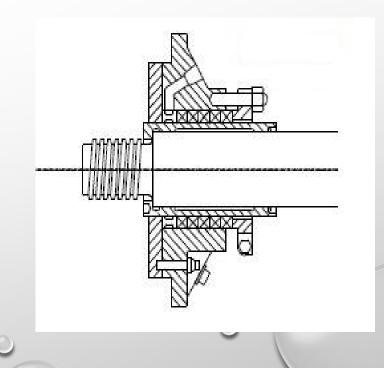


Seal Arrangement

MS Series slurry pump can adopt 3 verities shaft sealing construction based on different applications

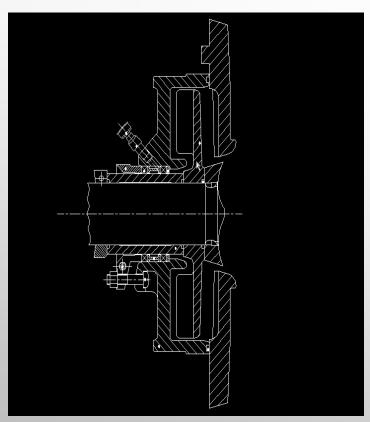
1. Gland Seal

- ✓ Simple Construction, which can fit most of the applications
- ✓ Shaft Sealing water pressure should at least higher 1Kg than Discharge Pressure
- ✓ Super Wearable Shaft Sleeve: Super hard alloy Sleeve or Ceramic Compound Sleeve



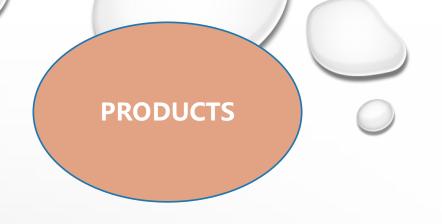






2. Centrifugal Seal/Expeller Seal

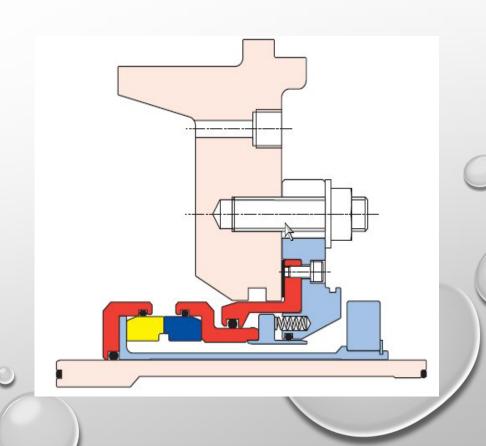
- √ Easy maintenance
- ✓ Shaft Sealing pressure is 2-3Kg (Common industrial water)
- ✓ Expeller, expeller ring can both made of highchrome wearable material
- ✓ Super anti-wearable shaft

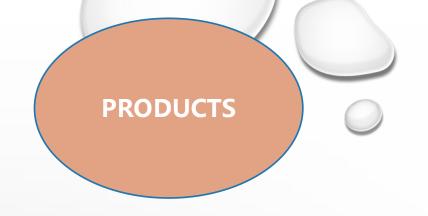




3. Mechanical Seal

- ✓ Design especially for slurry transportation, ensure no leakage
- ✓Total packaging construction, not effect by BA's adjusting, reduce installation error influence, simple installation
- ✓ Sealing Ring adopt static pressure material SiC/SiC orWC/WC
- ✓ Material of Seal Gasket is NBR
- ✓ Several Kinds of flushing methods and sonstructions







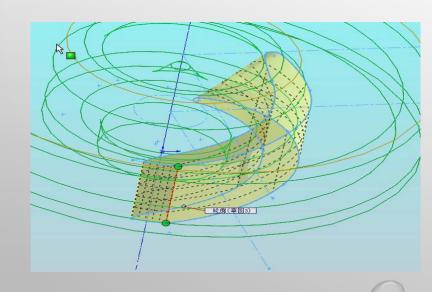
- MAIN TECHNOLOGY DATA OF MS SERIES MINING SLURRY PUMP
 - ✓ SIZE (DISCHARGE) 1", 1.5", 2", 3", 4", 6", 8", 10", 12", 14", 18"
 - ✓ FLOW: 4 ~ 2000 M³/H
 - ✓ HEAD: 9 ~ 110 M
- DRIVE STYLE OF MS SERIES
 - ✓ CR、CRZ、ZVZ、DC、DCZ
- MS PUMP APPLICATION AREAS
 - ✓ EXPLORE & SELECT NONFERROUS, BLACK MINES
 - ✓ TAILING PROCESSING OF CAST STEEL , CAST IRON FACTORIES
 - ✓ PHOSPHORUS PLASTER DELIVERY SECTION IN PHOSPHORIC FERTILIZER

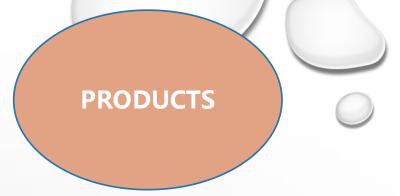




Specifications of MS series pumps Advanced hydraulic model, the wet end parts has a lower wear rate.

✓In designing we adopt CFD(computational fluid dynamics) technology, take a calculation for pump internal passage area and external specs, simulate the movement of the slurry inside pump stomach; adjust vane angles and thickness reasonable to got a wider wet passage, cut down the slurry speed, then reduce the slurry strike to the wet end parts, finally low down the wear rate of wet end parts, upgrade the pump hydraulic efficiency







Super Anti-wear wet end parts material ensure a long life span and reliability to transfer high wearable slurry.

- ✓ Excellent NR is proved to be the prior material for wet end parts
- ✓ Under nowadays technology limit, the rubber wet end parts can be adopted when D50 is lower than 10mm
- ✓ Based on survey, in the same working condition, the life span of Rubber wet end parts is over 1.5 times than high-chrome alloy cast parts(KmTBCr26)
- times than high-chrome alloy cast parts(KmTBCr26) √The NPSHr of pump has very little influence on wet end parts, which increase the life span of rubber wet end parts.
- ✓ Rubber has a better specs than metal material under corrosive and alkaline application.





TYPICAL MIZZTECH RUBBER COMPARES WITH PNJ RUBBER IN PHYSICAL PERFORMANCE.

Performance Data	Mizztech	PNJ
HRC Hardness	46	43
Tensile Strength, MPa 33.2		18
Break Extension Rate %	Extension Rate % 730 29	
Break Figure Change Rate, %	24	16
Tear Strength, kN/m	64.1	27
Relative Volume Corrosion m ³ /40m	34	92

APPLICATION WORKING SITE

No	Туре	Customer and Working Sites	
1	14/12G-AH	TABAKOTO GOLD MINE IN MALI	
2	10/8F-AHR	MMG KINEVERE PLANT IN DRC	
3	8/6E-AH	APEX MINING IN PHILIPINES	
4	6/4E-AHR	TRONOX CHANDALA SITE NEAR PERTY	
5	65QV-SPR	KBK IN INDONESIA	
•••	•••	AGA GHANA/Chibuluma Mine in Zambia/APEX MINING /	

OUR PEOPLE ON SITE













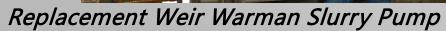




AFTERSALES SITE VISITING











Our products are well sold to over 50 countries and regions, such as Australia, Philippines, Thailand, Laos, Ghana, Mali, Zambia, Congo, Russia, Vietnam, PNG etc.



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