



Liner Changeable Centrifugal Slurry Pump / Metallurgical Marine Centrifugal Pump

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: horizontal-slurrypump.com
- Certification: ISO
- Model Number: OEM
- Minimum Order Quantity: 1 set
- Price: based on quantity
- Packaging Details: wooden case
- Delivery Time: 15days
- Supply Ability: 200sets monthly



Product Specification

- MOQ: 1 Set
- Original: China
- Impeller Dia.: 653mm
- Duty: Light Duty
- Material: High Chrome Alloy A05
- Type: Horizontal
- Highlight: diesel engine driven centrifugal pump

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Product Description

Liner Changeable Light Duty Slurry Pump For Metallurgical,Mining Coal 300S - L

Product overview for 300S-L model slurry pump

Type L pumps are cantilevered, horizontal, centrifugal slurry pumps, which are also called light duty slurry pump. They are suitable for delivering low abrasive low density slurry for metallurgical, mining, coal and building material departments. The shaft seal can adopt gland seal, expeller seal or mechanical seal.

Type L pumps operate in high speed with small volumes and light weight to save floor area. It is mainly used to transport the slurry which contains fine particle size and weight concentration not more than 30%. The liner and impeller of this pump can be changeable, either with anti-abrasive metal or rubber material.

Type meaning of 300S-L model slurry pump

300S-L

300	Discharge Diameter (mm)
S	Support Type
L	Light Model Low abrasion slurry pump
R	Natural Rubber Liner

300S-L Performance

Allowable Max. Power	560kw
Capacity	468-2538m³/h
Head	8-60m
Speed	400-950r/min
Max.Eff.	79%
NPSH	2-10m

Quality control for 300S-L model slurry pump

Inspection Equipment	
1. Inspection and Detection	
With various inspection and detection instruments, like three-coordinate measuring instrument, metallographic microscope, direct reading spectrometer, Brinell hardness meter, Vickers hardness meter, carbon and sulfur analyzer and other detection equipment, we can carry on the chemical composition analysis, physical properties test, coordinate measurement for various steel & steel materials	
Complete pump set inspection	
We have performance testing platform for each batch pump inspection before delivery	
Quality control system for each set slurry pump	
Purchasing raw material	1. Strict rules and procedures to choose the raw material supplier
	2. Each batch raw material will be tested by quality control department
casting of parts	1. Melting: Chemical element analysis for raw material before and after stove.
	2. Moulding: Strict sand moulding qualified before iron liquid pouring for casting
	3. Cleaning semi-finished parts sand: Strict inspection on the appearance and size qualified before storage.
Machining of slurry pump	1. Self-inspection and inspection between different steps.
	2. First part inspection
	3. Procedures inspection
	4. Inspection before storage the mining AH slurry pumps
Assembling of slurry pump	1. Inspector tracks the whole process of assembly of slurry pumps
	2. Slurry Pump pressure inspection and fill out the testing table
	3. Painting inspection
	4. Performance testing and fill out the testing table
	5. Packing inspection of slurry pump
	6. Issue quality certificate

Performance Chart

type	Max.	Clear Water Performance					Impeller		Application
		Capacity	Head/m	Speed/rpm	Efficiency	NPSH	Nos	Diameter	
20 A-L	7.5	2.34-10.8	6-37	1400-3000	30	3.5-8	4	152.4	-Ball mill discharge
50 B-L	15	16.2-76	9-44	1400-2800	55	3.5-8	5	190	-Coarse tailing
75 C-L	30	18-151	4-45	900-2400	57		4	229	-Rod mill discharge
100 D-L	60	50-252	7-46	800-1800	60		4	305	-Coal washing
150 E-L	120	115-486	12-51.5	800-1500	65		4	381	-Wet crushers

200 E-L	120	234-910	9.5-40	600-1100	64		4	457	-Phosphate matrix
250 F-L	120	396-1425		500-800	77		5	550	-Minerals concentrate
300 S-L	560	468-2538	8-60	400-950	79		5	653	-Lime grinding
350 S-L	560	650-2800	10-59	400-840	81		5	736	-FGD waste water
400 ST-L	560	720-3312	7-51	300-700	80		5	825	-Flotation
450 ST-L	560	1008-4356	9-48	300-600	80		5	933	-Process chemical
550 TU-L	1200	1980-7900	10-50	250-475	86		5	1213	-Pulp and paper

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