

WSP™ SELF-PRIMER PUMP



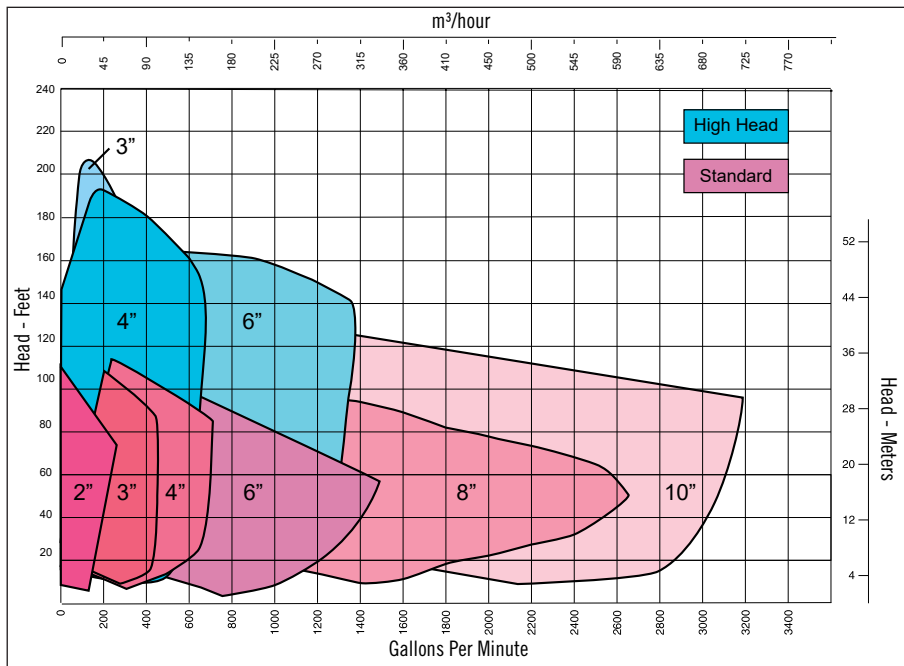
WSP SELF-PRIMER PUMP

The WSP self-primer pump is a rugged and dependable self-priming, solids handling, trash pump. Distinguishable from our competitors, the WSP self-primer pump design allows for a shim-less, tool-less impeller adjustment and ease of suction flap valve replacement.

The Buzzsaw™ wear plate is a standard feature on WSP self-primer pumps. With an aggressive saw tooth shaped profile, its shearing of stringy materials as they pass through the pump prevents clogs before they can form. The Buzzsaw wear plate helps prevent the WSP self-primer pump from

running in a state of partial clog and allows the pump to run at higher overall efficiencies while lowering maintenance costs, extending valuable runtime. The Buzzsaw wear plate is not available in high-head models.

Equal in importance to maintenance is safety. The WSP self-primer pump is designed with the added benefit of the fill port cover and clamp bar assembly. The recessed bolt-locking construction and anti-rotation design of the clamp bar assembly prevents accidental breach of the fill port cover, protecting the operator from scalding burns.



APPLICATIONS

| | |
|--------------------------------------|--------------------------------|
| Municipal and industrial waste water | Automotive |
| Metal machining | Beef, pork, poultry processing |
| Production, manufacturing | Pulp and paper |
| Dewatering | Tanker truck unloading |
| Mining and minerals | Drilling mud recovery |
| Winery | Food and beverage |

STANDARD FEATURES

| | |
|----------------------------------|--|
| 17-4PH Stainless steel shaft | Carbon steel Impeller |
| Shim-less impeller adjustment | Ductile Iron casing |
| Solid silicon carbide seal faces | Tool-less impeller adjustment |
| Flanged suction and discharge | Advanced safety features |
| Two-piece bearing housing | Buzzsaw wear plate (not available in high-head models) |

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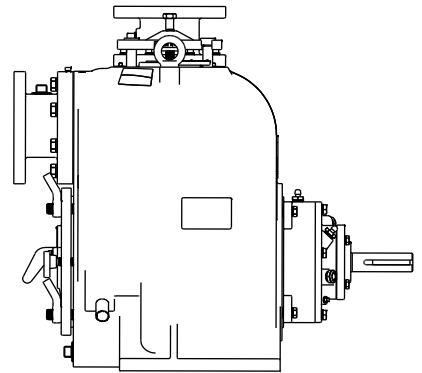
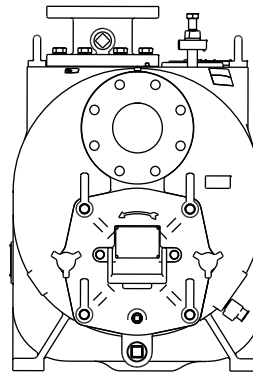
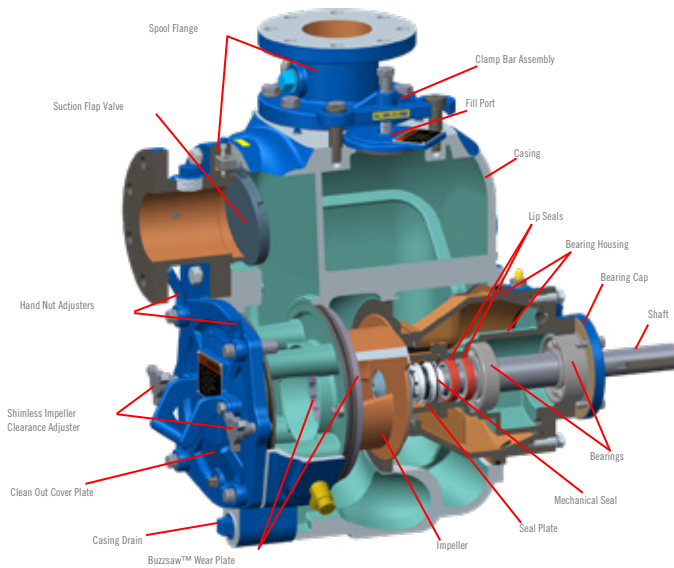


| Size | Flow | Heads | Repriming Lift | Solids Size |
|------------------|---------------------------------------|------------------|---------------------|--------------------|
| 2 inch (50 mm) | to 225 GPM (51 m ³ /hr) | to 103 ft (31 m) | up to 24 ft (7.3 m) | 1.5 inch (38 mm) |
| 3 inch (75 mm) | to 450 GPM (102 m ³ /hr) | to 112 ft (34 m) | up to 25 ft (7.6 m) | 2.5 inch (63.5 mm) |
| 4 inch (100 mm) | to 730 GPM (166 m ³ /hr) | to 119 ft (36 m) | up to 25 ft (7.6 m) | 3 inch (75 mm) |
| 6 inch (150 mm) | to 1,480 GPM (336 m ³ /hr) | to 111 ft (34 m) | up to 25 ft (7.6 m) | 3 inch (75 mm) |
| 8 inch (200 mm) | to 2,620 GPM (595 m ³ /hr) | to 109 ft (33 m) | up to 23 ft (7 m) | 3 inch (75 mm) |
| 10 inch (250 mm) | to 3,200 GPM (727 m ³ /hr) | to 133 ft (41 m) | up to 22 ft (6.7 m) | 3 inch (75 mm) |

WSP HIGH HEAD SELF-PRIMER PUMP



| Size | Flow | Heads | Repriming Lift | Solids Size |
|-----------------|--------------------------------------|------------------|---------------------|-------------------|
| 3 inch (75 mm) | to 370 GPM (84 m ³ /hr) | to 210 ft (64 m) | up to 23 ft (7 m) | 0.81 inch (20 mm) |
| 4 inch (100 mm) | to 650 GPM (148 m ³ /hr) | to 190 ft (58 m) | up to 17 ft (5.1 m) | 1.12 inch (28 mm) |
| 6 inch (150 mm) | to 1360 GPM (309 m ³ /hr) | to 175 ft (53 m) | up to 15 ft (4.5 m) | 1.25 inch (32 mm) |



AVAILABLE UPGRADES

Buzzsaw Wear Plate

- 316 Stainless steel
- Wear-resistant Alloy (400 BHN)

Casing

- CD4MCu

Impeller and Seal Plate

- High-chrome
- CD4MCu

Mechanical Seal

- Tungsten carbide faces





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