

## Submersible Pumps

Single phase 2/3 -1 hp (0.48 - 0.75 kW)

**PS2 500**

**PSA2 500**

**PST2 400**

**PSTF2 400**

**PST3 750**

**PSTF3 750**

PS  
PST

### Submersible pumps provide the most cost-effective means to move water

» No matter how large or small the job, Wacker Neuson's single-phase submersible pumps offer the versatility and durability contractors need for light dewatering on the job site. This comprehensive family of pumps offers big pump features for a small pump investment. «



#### ADDITIONAL ADVANTAGES:

- **These high performance single-phase submersible pumps** are capable of handling solids up to .4 inches, ideal for job sites needing fast dependable dewatering.
- **Lightweight, compact design** with heavy-duty, strain relief power cord offers a highly durable pump that is still easy to transport and install.
- **Built-in thermal protection** prevents motor damage due to impeller blockage, reducing service repairs.
- **Silicon carbide-faced double mechanical seals** run in an isolated oil-filled cavity, allowing for seal lubrications, cooling and overall motor protection.
- **Oil lifter provides lubrication to seal faces** during operation minimizing the risk of seal failure due to overheating.
- **Preliminary v-ring (lip seal)** shields the mechanical seal from abrasive wear due to suspended debris in pumping fluid.
- **PST models feature shaft-mounted agitators** which suspend solids when pumping sand and debris. These PST units are also built with ductile iron housing for excellent wear life when pumping water with some entrapped solids.



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Technical Data		PS2 500	PSA2 500	PST2 400/ PSTF2 400	PST3 750/ PSTF3 750
Discharge diameter	in (mm)	2 (50)	2 (50)	2 (50)	3.2 (80)
Length x width x height	in (mm)	7.3 x 7.3 x 12 (185 x 185 x 305)	8.7 x 7.3 x 12 (220 x 185 x 305)	10 x 7.3 x 12.9 (255 x 185 x 328)	12.5 x 7.3 x 15.3 (317 x 185 x 388)
Operating weight	lb (kg)	21 (9.5)	22 (10)	25 (11.3)	42 (19)
Shipping weight	lb (kg)	28 (12.7)	30 (13.6)	30 (16.6)	48 (21.9)
Shipping size (l x w x h)	in (mm)	13.8 x 9.8 x 9 (350 x 250 x 230)	14.3 x 10.3 x 9 (365 x 270 x 230)	16.3 x 10 x 8.5 (410 x 255 x 217)	19 x 13 x 10.3 (483 x 330 x 260)
Maximum head	ft (m)	39 (12)	39 (12)	39 (12)	59 (18)
Maximum discharge	gpm (l/min)	62.4 (236)	62.4 (236)	53 (200)	73.9 (280)
Maximum pressure	psi	17	17	16.8	16.8
Solid size capacity	in (mm)	0.2 (6)	0.2 (6)	0.27 (7)	0.27 (7)
Continuous running water level	in (mm)	-	4.5 (114)	- / 3.5 (89)	- / 3.5 (89)
Motor type		Single phase, 60Hz	Single phase, 60Hz	Single phase, 60Hz	Single phase, 60Hz
Voltage	V	110, 220	110	110	110, 220
Current (full load/start)					
@ 110V	A	6.1/12.5	6.1/12.5	5.4/12.5	10/26
@ 220V	A	3.0/8.0	na	na	4.7/13.5
Speed	rpm	3270	3270	3321	3408
Power	hp (kW)	2/3 (0.48)	2/3 (0.48)	1/2 (0.4)	1 (0.75)
Cable length	ft (m)	32 (10)	32 (10)	20 (6.2)	33 (10)
Cable size	awg (mm <sup>2</sup> )	16 (1.25)	16 (1.25)	16 (1.25)	14 (2)
Impeller material type		Urethane rubber Semi-vortex	Urethane rubber Semi-vortex	Urethane rubber Semi-vortex	Urethane rubber Semi-vortex

### Standard Package

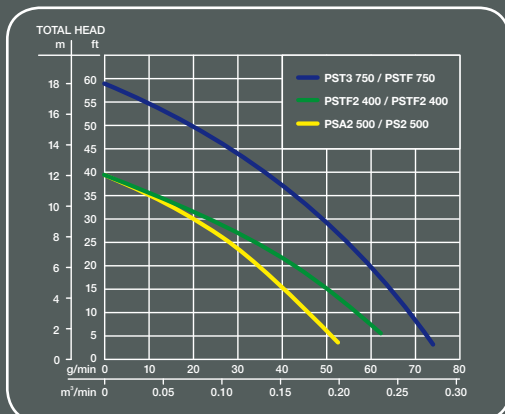
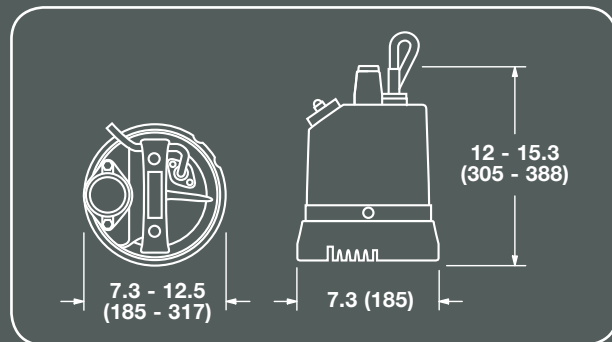
Submersible Pumps includes electrical supply cable, operator's manual and parts book.

PS2 500	PSA2 500
PST2 400	PSTF2 400
PST3 750	PSTF3 750

### Model Guide

PS = Submersible pump, A = Automatic switch  
T = Trash, 2 or 3 = Discharge diameter (inches), F = Float,  
400, 500 or 750 = Power in Watts

Please refer to our Price List and Ordering Guide for complete accessory information.



Specifications may change due to continuous product development. Users are advised to consult Wacker Neuson's Operator's Manual and website for specific information regarding the engine power rating. Actual power output may vary due to conditions of specific use.