

# Waterpumps

## Hydraulic-SM20

**STANLEY**



### SPECIFICATIONS

ITEM	U.S.A.	METRIC
CAPACITY	2-1/2 in. Discharge	
PERFORMANCE	250 gpm	946 lpm
FLOW RANGE	4 - 9 gpm	15 - 34 lpm
PRESSURE	1000 - 2000 psi	70 - 140 bar
PORTS	-8 SAE O-Ring	
WEIGHT	13.7 lbs	6.3 kg
LENGTH	7-1/2 in.	19 cm
WIDTH	9.6 in.	24 cm
CONNECTION	3/8 in. Flush-Face Quick Disconnect Coupler	
HOSE WHIPS	No	
MOTOR	Integral	
DISCHARGE SIZE	2-1/2 in. Female Pipe Threads	

### Features and Benefits

The Stanley SM20 Water Pump is one of the lightest and most durable pumps available. Pumping 250 gpm (946 lpm) at a 10 foot head and moving solids up to 5/16 of an inch makes it ideal for vaults and manholes.

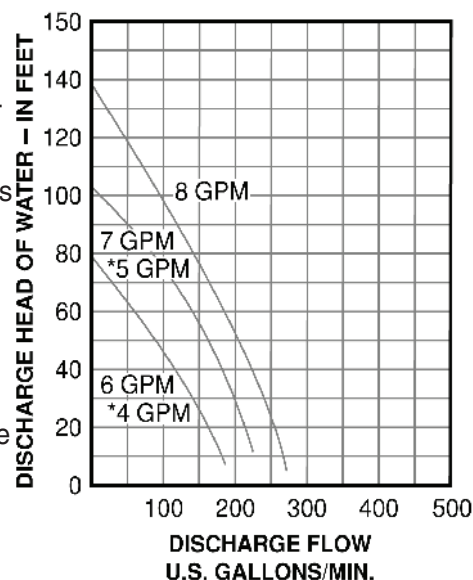
The SM20 will out-pump most all gasoline engine driven pumps. There is no recoil starting, priming or suction hose as with gas engine driven pumps. It can be run dry without damage.

Submersed into the water and with its easy hookup to a power unit, the SM20 is instantly pumping.

The standard urethane impeller is highly abrasion resistant for long service pumping gritty slurries.

The abrasion resistant cast iron inlet wear ring is easily replaced from the inlet sit of the pump.

With only a few moving parts, the SM20 is virtually maintenance free.



# Waterpumps

## Hydraulic-SM21

**STANLEY**



### SPECIFICATIONS

ITEM	U.S.A.	METRIC
CAPACITY	2-1/2 in. Discharge	
PERFORMANCE	300 gpm	1135 lpm
FLOW RANGE	4 - 9 gpm	15 - 34 lpm
PRESSURE	1000 - 2000 psi	70 - 140 bar
PORTS	-6 SAE O-Ring	
WEIGHT	20 lbs	9.1 kg
LENGTH	16 in.	40.6 cm
WIDTH	6-1/4 in.	15.9 cm
CONNECTION	3/8 in. Flush-Face Quick Disconnect Coupler	
HOSE WHIPS	Yes	
MOTOR	Integral	
DISCHARGE SIZE	2-1/2 in. Female Pipe Threads	

### Features and Benefits

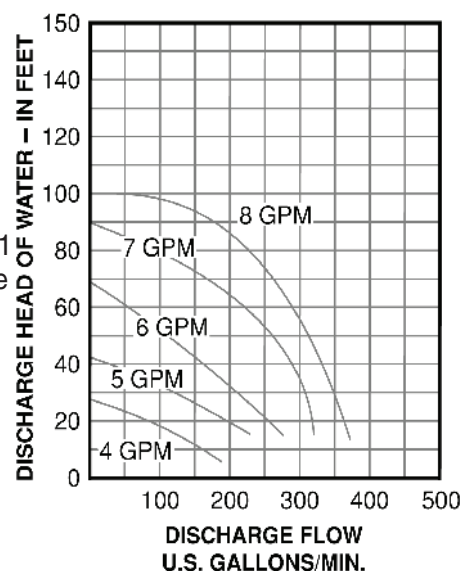
The Stanley SM21 Water Pump is one of the lightest and most durable pumps available. It's capability of pumping 300 gpm (1135 lpm) at a 50 foot head make it ideal for vaults, manholes and more specifically in confined narrow openings.

The SM21 will outpump most all gasoline engine driven pumps. There is no recoil starting, priming or suction hose as with gas engine driven pumps. It can be run

dry without damage.

Submersed into the water and with its easy hookup to a power unit, the SM21 is instantly pumping.

The cast iron impeller of the SM21 is within 3/4 of an inch of the base allowing the pump to remove more liquids than other pumps. With only a few moving parts, the SM21 is virtually maintenance free.



# Waterpumps

## Hydraulic-SM50

**STANLEY**



SPECIFICATIONS		
ITEM	U.S.A.	METRIC
OUTLET SIZE	3 - inch NPT / 3 - inch Camlock	
OUTPUT CAPACITY	500 gpm	1890 lpm
WEIGHT	21 lbs.	9.5 kg
LENGTH	10.5 inches	26.7 cm
WIDTH	10.0 inches	25.4 cm
INPUT PRESSURE	1000 – 2000 psi	69 – 138 bar
INPUT FLOW RANGE	7 – 12 gpm	26 – 45 lpm
PORTING	- 8 SAE 3/4-16 Straight Thread	
CONNECTOR	3/8 Flush-face HTMA Coupler	

The SM50 Water Pump is a submersible, centrifugal type pump that requires no priming. The motor is contaminant-tolerant gear motor uniquely designed for continuous high-speed operation. The motor drives the impeller directly, so there are no spindle bearings that require periodic lubrication or replacement. The cast stainless steel, semi-closed impeller resists corrosion. A series of seals on the drive shaft effectively keep hydraulic fluid and pumped water where they belong while allowing the pump to be run dry without sudden seal failure.

The SM50 is fitted with dripless flat-faced HTMA quick couplers for easy connecting and disconnecting of the pump and hydraulic system.

The water outlet is 3-inch pipe thread fitted with a 3-inch groove fitting to which can be connected a cam hose end fitting.

Access to the pumping chamber for

cleaning requires the removal of only two capscrews. The motor with the impeller attached is then easily removed from the pump casing.

The SM50 can draw down water to a depth of 3.5 inches. Putting the SM50 in a sump will allow it to pump all but

3.5 inches of water remaining in the sump.

The integral screen effectively keeps solids larger than 3/8 of an inch out of the pump. The pump will handle clear water and water containing up to 10% solids.

SM50 Pump Performance

