



# Engine Driven Solids Handling Pumps

- **Cast Iron or Cast Aluminum Construction**
- **Buna-N Mechanical Seal and O-Ring**
- **Optional Viton® or Silicon Carbide Mechanical Seal and O-Ring Available**
- **1-1/2" to 3" NPT Port Sizes**
- **Self-Priming up to 20 ft.**
- **Semi-Open, Clog Resistant Impellers**
- **Engine Options: B&S or Honda**
- **Available in 3-1/2 to 9 HP Engines**
- **Solids Handling up to 3/4" Diameter**
- **Electric Start Option on 8 HP and 9 HP Models**
- **Pumps Include Heavy Duty Steel Roll Frames**
- **Wheel Kits Available with Semi-Pneumatic or Pneumatic Tires**



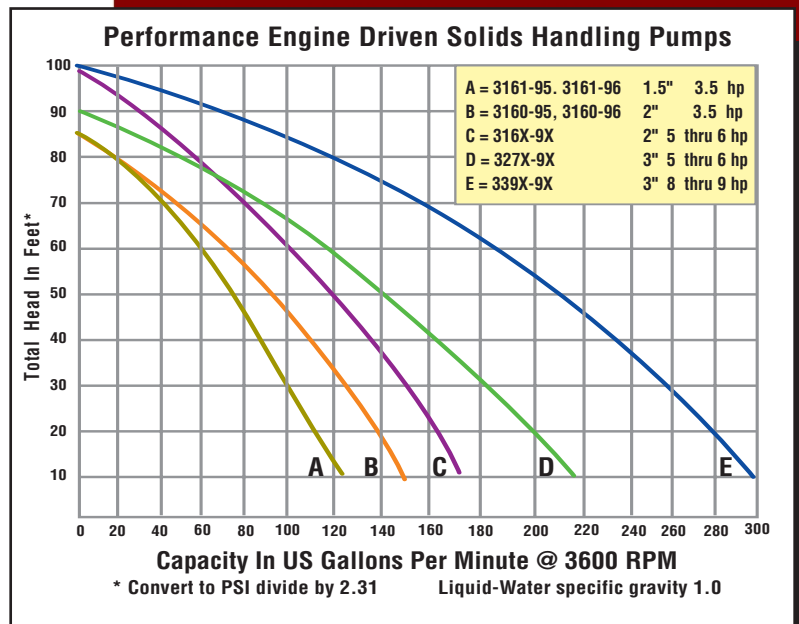
**3" Solids Handling Pump**

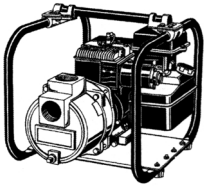


**2" Solids Handling Pump with Wheel Kit A734-90**

The AMT line of Engine Driven Solids Handling pumps offer an upgraded debris handling capability in either Cast Iron or Cast Aluminum construction. Applications include high volume liquid transfer, irrigation, commercial draining and construction. All these models feature removable/replaceable Cast Iron dual volutes, clog resistant impellers and/or wearplates to ensure a long life for the complete pump. Dual volute design reduces radial load on engines.

AMT Engine Driven Solids Handling pumps are reliable, cost effective and low maintenance. Many are readily available "Off-the-Shelf" for fast 24 hour shipment. For use with non-flammable liquids which are compatible with pump component materials.





## 1-1/2" Solids Handling Pump

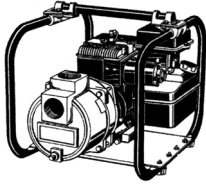
Alum. Model#	Ship Wt.	Cast Iron Model #	Ship Wt.	Driver	Run Time	Tank Size
3161-96	62 lbs.	3161-95	77 lbs.	3.5 HP B & S	180 min.	3 qt.

**Construction** - Cast Aluminum w/Iron Wearparts (-96), Cast Iron (-95)  
**Solids Handling** - 3/8"

## Standard Features

- > Two NPT Pipe Nipples
- > Buna-N Mechanical Seal
- > Optional Viton® or Silicon Carbide Mechanical Seals
- > O-Ring Casing Seal
- > Self-primers to 20 ft. with Built in Check Valve
- > Semi-Open, Clog Resistant Cast Iron Impeller
- > Stainless Steel Shaft Sleeve
- > Maximum Temperature 180° F
- > Maximum Working Pressure 60 PSI
- > Cast Iron Replaceable Volute/Wearplate and Impeller
- > Solids Handling Capability
- > Intek and Honda Engines are Overhead Valve (OHV) Designs

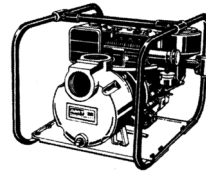
## 2" Solids Handling Pumps



Alum. Model#	Ship Wt.	Cast Iron Model #	Ship Wt.	Driver	Run Time	Tank Size
3160-96	62 lbs.	3160-95	75 lbs.	3.5HP B & S	180 min.	3 qt.
3162-96	62 lbs.	3162-95	82 lbs.	5.5HP B & S Intek	90 min.	3 qt.
3164-96	67 lbs.	3164-95	84 lbs.	6.5HP B&S Intek PRO*	100 min.	4 qt.
3166-96	63 lbs.	3166-95	80 lbs.	5.5HP HONDA*	100 min.	3.8 qt.

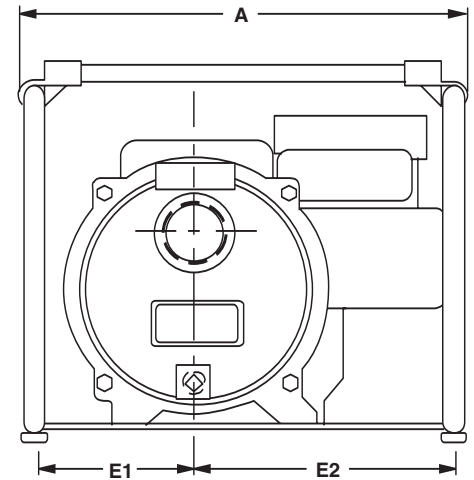
**Construction** - Cast Aluminum w/Iron Wearparts (-96), Cast Iron (-95)  
**Solids Handling** - 3/8"  
**Oil Alert** feature on Intek PRO and Honda engines

## 3" Solids Handling Pumps



Alum. Model#	Ship Wt.	Cast-Iron Model #	Ship Wt.	Driver	Run Time	Tank Size
3270-96	71 lbs.	3270-95	109 lbs.	5.5HP B&S Intek	90 min.	3 qt.
3272-96	80 lbs.	3272-95	114 lbs.	6.5HP B&S INTEK PRO*	100 min.	3 qt.
3274-96	75 lbs.	3274-95	109 lbs.	5.5HP HONDA*	100 min.	3.8 qt.
3390-96	110 lbs.	3390-95	137 lbs.	8HP B&S INTEK	90 min.	4 qt.
3391-96	122 lbs.	3391-95	170 lbs.	9HP HONDA***	100 min.	6.4 qt.
3393-96	104 lbs.	3393-95	138 lbs.	9HP HONDA*	100 min.	6.4qt.
3394-96	126 lbs.	3394-95	160 lbs.	8HP B&S-IP***	100 min.	6 qt.

**Construction** - Cast Aluminum w/Iron Wearparts (-96), Cast Iron (-95)  
**Solids Handling** - 3/4"

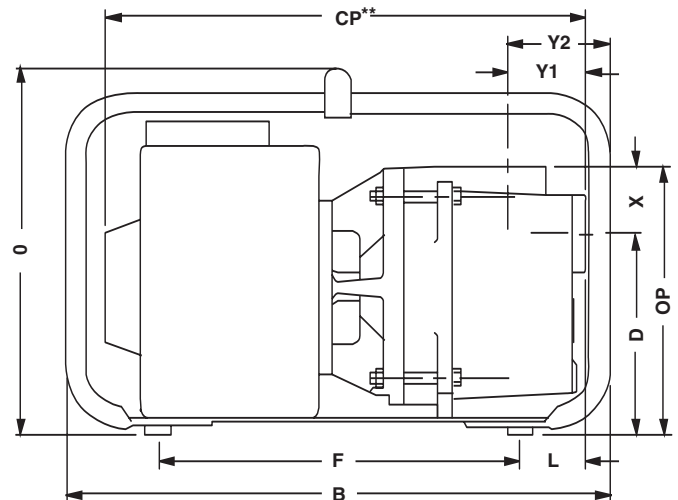
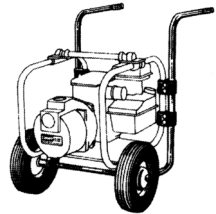


## Optional Wheel Kits

for roll frame pumps (3.5 thru 9 HP)

Model #	Features	Ship Wt.
A734-90	Includes 10" semi-pneumatic tires on steel wheels with cast iron clamps and steel handle for universal mounting to frame.	26 lbs.
A735-90	Includes 16" pneumatic tires on steel wheels with cast iron clamps and steel handle for universal mounting to frame.	29 lbs.

\* Overhead Valve Engine (OHV)  
 \*\* 12V DC Electric Start (battery not included)



MODEL#	HP	A	B	CP**	D	E1	E2	F	L	O	OP	X	Y1	Y2
316X-9X	3HP / 4HP	15.5	19.0	17.5	6.8	5.0	9.0	8.5	4.5	16.0	9.5	2.6	3.1	4.6
316X-9X	5HP / 6HP	17.0	22.0	19.0	6.8	5.0	10.0	8.5	6.0	19.3	9.5	2.6	3.1	4.6
327X-9X	5HP / 6HP	17.0	22.0	19.0	10.3	5.0	10.0	8.5	6.0	19.3	13.8	3.5	4.8	6.0
339X-9X	8HP / 9HP	21.3	27.3	23.5	10.3	7.0	11.0	15.0	6.0	23.0	13.8	3.5	4.8	6.0

(\*\*) This dimension may vary due to engine manufacturer's specifications  
**NOTE:** Dimensions have a tolerance of ±1/8".