



PUMP MANUFACTURING, INC.

HOUSTON, TEXAS

sales@amcopumps.com

Call: 713.690.7575



Engineered for High Performance...



*If you deal
with **fluids**
We have
the **Pumps!***

*Better Pumps
for less!*

Buy with Confidence!

Amco Pumps and parts are 100% interchangeable with
Godwin® & Gorman Rupp®

MANUFACTURING • SALES • SERVICE



amco Pumps is a manufacturer of portable water pumps based in Houston, Texas. Our pumps and parts are 100% interchangeable with leading manufacturers.

We skid package, trailer packages and offer sound attenuated pump packages for a quiet operation. Amco Pumps are built with diesel and electric drives, auto-prime capability, and auto start/stop functionality. Integrated with state of the art technology, our pumps have the option to be virtually monitored and controlled remotely.

Our promise to our customers is to put **quality** first, offer the most competitive **pricing**, and keep availability of our OEM parts. We offer service on our pumps and maintain **stocked inventory** of replacement parts.

Simply put, we provide a **better pump for less**. We can really save you money!

Amco pumps compete with the best in the market.

Our Products!

Pump Product Lines:

1. Auto Prime CD Series
2. Auto Prime HH Series
3. Self Prime TP Series

Configuration Options:

- Skid-Mounted
- Trailer-Mounted
- Sound Attenuated
- Materials: Ductile Iron, CDM4Cu, various coatings

Accessories:

- Repair Kits
- Replacement Parts
- Control Panels
- Field Intelligence Technology
- Floats
- Check Valves
- Hoses and Fittings



" Using Fluid Dynamics to find Dewatering & Bypass solutions."



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HOUSTON • TEXAS



Self Prime Trash Pumps

Applications:

- Municipal Wastewater & Sewage
- Industrial Processing
- Construction & Dewatering
- Agriculture & Mining
- Marine & Port Infrastructure
- Petroleum & Petrochemical Refineries
- Winery, Brewery & Distillery Operations
- Steel & Automotive Heavy Manufacturing



***The Choice
... is yours!***

STP Trash Pumps



Cut Away View

STP Pump Model	STP22	STP33	STP44	STP66	STP88	STP1010
Suction x Discharge Size (inches)	2×2	3×3	4×4	6×6	8×8	10×10
Max RPM	2900	2150	1950	1550	1350	1450
Max Flow (gpm)	218	450	730	1480	2700	3400
Max Head (ft)	122	132	132	121	128	152
HP @ RPM	11.5@2900	20.8@2150	30@1950	43@1550	63@1350	100@1450
Solids Handling (in)	1.5	2.5	3	3	3	3
Impeller Diameter	6.38	8.75	9.75	12.38	14.75	14.75

Heavy Duty Pumps

In Stock!



2"



3"



4"



6"



8"



10"



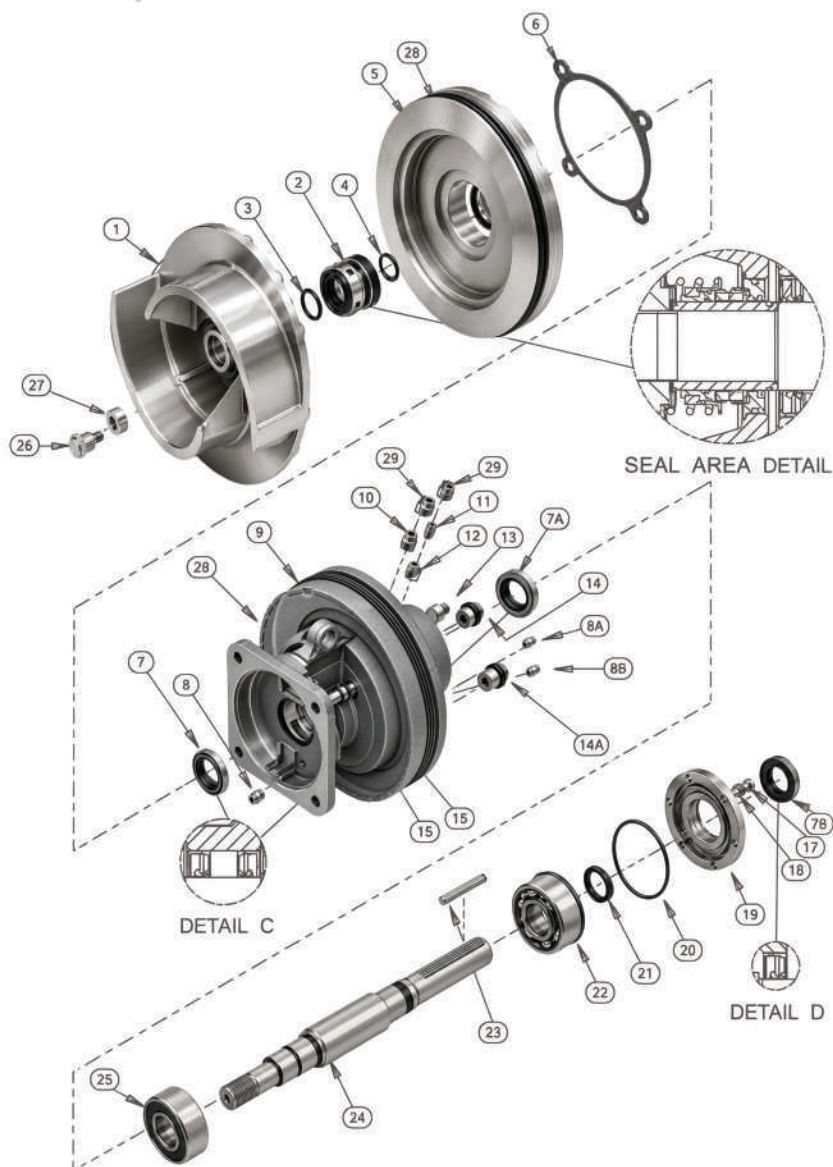
12"

Rotating Assembly STP Trash Pump



Rotating Assembly

Exploded view



ITEM NO.	PART NAME
1	IMPELLER
2	SEAL ASSY
3	ADJ SHIM SET
4	O-RING
5	SEAL PLATE
6	GASKET
7	OIL SEAL
8	PIPE PLUG
9	BEARING HOUSING
10	VENTED PIPE PLUG
11	AIR VENT
12	REDUCER PIPE BUSHING
13	PIPE PLUG
14	SEAL CVTY SIGHT GAUGE
15	HEX HEAD CAP SCREW
16	LOCK WASHER
17	HEX HEAD CAP SCREW
18	LOCK WASHER
19	BEARING CAP
20	O-RING
21	RETAINING RING
22	BALL BEARING
23	KEY
24	IMPELLER SHAFT
25	BALL BEARING
26	SOCK HEAD CAP SCREW
27	IMPELLER WASHER
28	O-RING
29	SHIPPING PLUG

Note:

We carry all types & sizes of
Mechanical Seals



Rotating Assembly

2" thru 12"

amco pumps



You can count on us!

www.amcopumps.com

Self-Prime Trash STP Series Pumps

(Gorman Rupp® Style)



Features:

Large Solids-Handling..... up to 3"
High Flow Volume..... up to 3,400 gpm
Medium Head..... up to 145'

Markets

► Agriculture ► Power
► Mining ► Water &
► Oil & Gas Wastewater

Applications

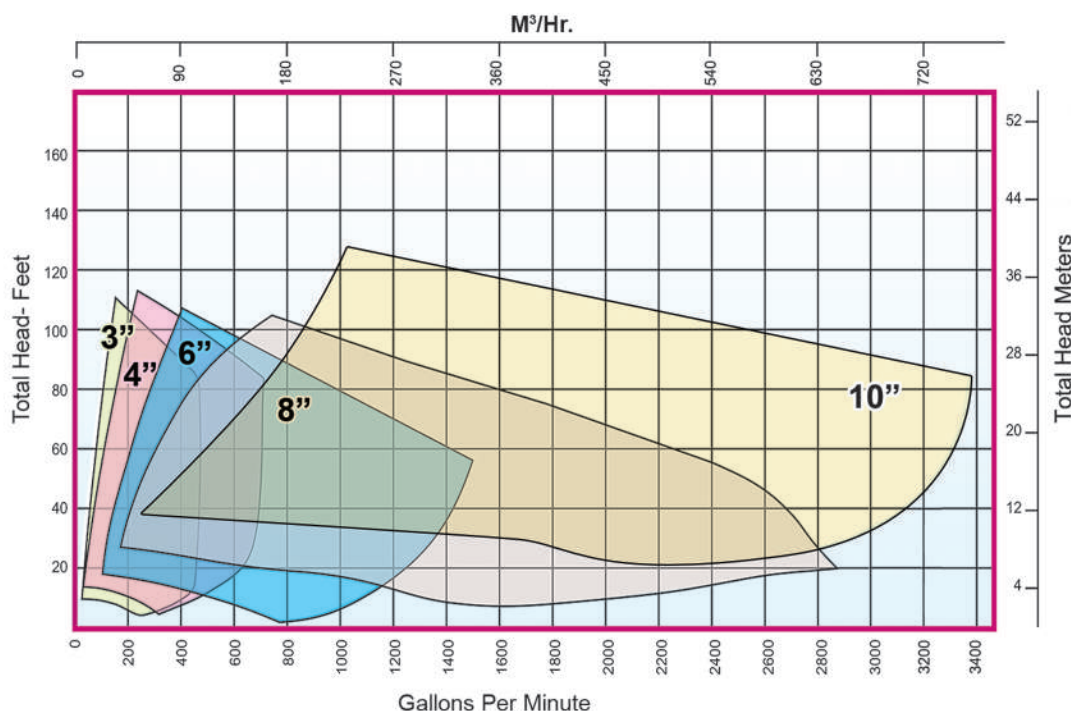
► Liquid Transfer ► Jetting
► Wash Down ► Fracking
► Fire Protection

STP Series

Amco's Self Prime (STP) Trash Pump Series consists of 5 models, each equipped with a easily replaceable rotating assembly. This series of pumps also features an adjustable 4-bolt front cover, allowing for easy removal to clear debris from the interior of the pump.

Our pumps can prime up to 28' of suction lift. Options include a complete SS316 version, or a cast version with SS316 Shaft, impeller, and wearplate. Each model can be skid or trailer-mounted, as per customer requirement.

STP Series Performance Curve



**Advanced Fluid Dynamics solutions
for every Dewatering & Bypass Challenge.**

★
Offered in
Ductile Iron,
CD4MCu and
316SS

We manufacture to customer requirements!



Diesel Drive
Trailer Mounted



Bare Shaft Pump



Belt Drive



Electric Drive Skid Base

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Pumps

Super T-series Parts Interchangeability

Super T-series **VS** T Series Classic

SIZE	COMMON PARTS	INTER-CHANGEABLE	NOT INTER-CHANGEABLE
2"		Impeller, Seal Assy., Outboard & Inboard Bearings, Seal Plate, Wear Plate Assembly.	Rotating Assembly, and Pump Footprints are identical.
3"		Impeller, Seal Assy., Seal Plate, Wear Plate Assembly.	Volute Casting, Back Coverplate Assembly, Impeller Shaft
4"		Impeller, Seal Assy., Seal Plate, Wear Plate Assembly.	Volute Casting, Back Coverplate Assembly, Bearings, Impeller Shaft
6"		Wear Plate Assembly.	Rotating Assembly, and Pump footprints are identical.
8"		Impeller, Seal Assy. Outboard & Inboard Bearings, Seal Plate, Wear Plate Assembly.	Volute Casting, Back Coverplate, Impeller Shaft
10"		Impeller, Seal Assy. Outboard & Inboard Bearings, Seal Plate, Wear Plate Assembly.	Volute Casting, Back Coverplate, Impeller Shaft
12"		Impeller, Outboard & Inboard Bearings.	Volute Casting, Back Seal Plate, Impeller Shaft

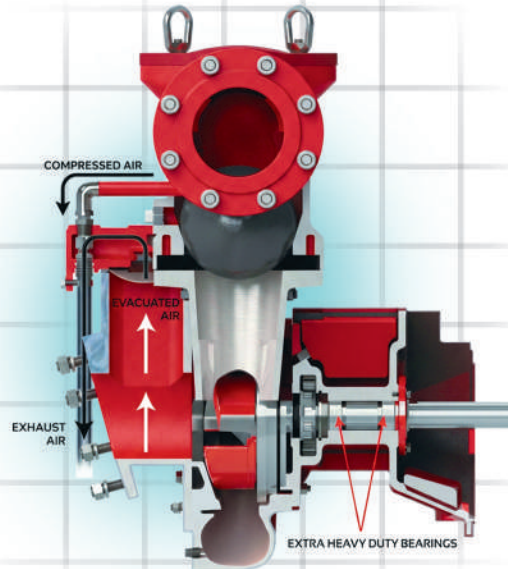
PART	SUPER-T SERIES	T SERIES CLASSIC
Impeller to Wear Plate Clearance Adjustment	External shimless adjustment with precise indexing using a specialized locking collar design	Adjustment via insertion of shims between rotating assembly and volute casing
Coverplate	Engineered with a robust four-point attachment system, incorporating an auxiliary O-ring to enhance sealing integrity between the vacuum and pressure chambers	Two point attachment with single O-ring at the outer bore
Coverplate Removal	Pusher bolt holes and easy grip handle.	Cover can be pried from volute with pry bars
Rotating Assembly	Interchangeable with T-Series Classic Rotating Assembly	Interchangeable with Super-T Series Rotating Assembly
Atmospheric Isolation	Double lip seal with atmospheric barrier allows for external monitoring	Single lip seal with vented pipe plug
Seal Oil Monitoring	Via clear sight gauge	Via removal of seal Chamber vent plug
Rotating Assembly Removal	Eased by pusher bolt capability	Can be aided with pry bars
Volute Casing Heater	Discret heater port permits heater insertion into discharge side of volute	Heater probe can be inserted into optional service tee in pump drain port

We have the parts... In Stock!

The Rules have Changed!



Sizes: 4", 6" & 8"



Take a Closer Look!

Amco Pump Features

RELIABLE ACTION

Keep your operation running smoothly.

Seals in dry-run pumps often over-heat and fail. Our pumps are able to dry-run indefinitely because the mechanical shaft seal runs in a liquid oil bath. It also features silicon carbide faces, which are highly resistant to abrasion. Furthermore, equipped with diesel engines, our pumps can run overnight without needing to refuel. Our open impeller design reduces risk of clogging and stoppages and the ductile iron build offers excellent durability.

REMOTE OPERATION

Versatile options to suite your needs.

Equipped with diesel engines, our pumps can run in any location, no matter how remote. Skid-mounted pumps are designed with forklift slots for convenient handling. Trailer-mounted pumps are built for safe high-way transportation.

QUIET OPERATION

Sound-sensitive operation

Amco pumps can be fitted with sound attenuated enclosures and are therefore ideal for use in any application where pumping is required but sound levels must be kept to a minimum. Our enclosures will lower sound levels to approximately 69 dBA at 30 feet. Each unit is lined with 2" layers of acoustical sound-absorbing material.

AUTO PRIME FUNCTIONALITY

Automatically self-priming from dry.

No need for operator assistance; Amco auto-prime pumps use vacuum or diaphragm systems to create a vacuum that accomplishes up to 28' suction lift and is able to re-prime.

FIELD INTELLIGENCE TECHNOLOGY

Control Features and Benefits

- GPS Location
- Remote Start / Stop Control
- Remote Speed Control
- Fuel Level Monitoring
- Engine Load and Hours
- Alarm Notification
- Flow Rate
- Suction/Discharge Pressure Readings



Sound Attenuated!

Auto-Prime APCD Series Pumps



Dewatering and Bypass applications

Features:

Large	Solids-Handling....	up to 3"
High	Flow Volume.....	up to 3,250 gpm
Medium	Head.....	130 - 170'

Markets

- ▶ Construction
- ▶ Industrial
- ▶ Marine
- ▶ Mining
- ▶ Oil & Gas
- ▶ Water & Wastewater

Applications

- ▶ General Dewatering
- ▶ Bypass
- ▶ Water/Sludge Transfer

Amco AP Series Auto-Prime pumps are ideal for dewatering and bypass applications. These pumps transport fluids, sludge, and raw sewage containing solids up to 3" in diameter.

Engineered with a venturi prime system, these pumps prime automatically from dry up to 28' of suction lift. They will also dry-run indefinitely due to a liquid bath mechanical seal design.

Heavy Duty Pumps

APCD100



4" x 4"

CD100*

Suction x Discharge Size
4" x 4"

Max Flow
1000 gpm

Max Head
125'

Solids Handling
Up to 1.8"

Fuel Capacity
100+ gallons

Impeller Diameter
9.1"

HP @ RPM
26 @ 2200

APCD150



6" x 6"

CD150*

Suction x Discharge Size
6" x 6"

Max Flow
2250 gpm

Max Head
160'

Solids Handling
Up to 3"

Fuel Capacity
110+ gallons

Impeller Diameter
11"

HP @ RPM
74 @ 2200

APCD225



8" x 8"

CD225*

Suction x Discharge Size
8" x 8"

Max Flow
3250 gpm

Max Head
170'

Solids Handling
Up to 3"

Fuel Capacity
120+ gallons

Impeller Diameter
11.4"

HP @ RPM
112 @ 2200

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* Interchangeable with Godwin® model

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Auto-Prime APCD Series Pumps



Features:

Large	Solids-Handling....	up to 3 1/8"
High	Flow Volume.....	up to 3,250 gpm
Medium	Head.....	130 - 170'

Markets

- ▶ Construction
- ▶ Industrial
- ▶ Mining
- ▶ Mining
- ▶ Oil & Gas
- ▶ Water & Wastewater

Applications

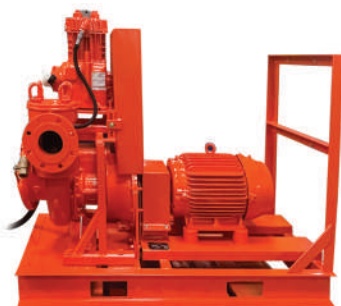
- ▶ General Dewatering
- ▶ Bypass
- ▶ Water/Sludge Transfer

Because of AMCO pumps rugged, reliable design, the APCD series is an ideal fit for diverse, high-demand applications. These units deliver exceptional performance across diverse applications, from emergency flood disaster response and routine road maintenance to heavy-duty construction sites and demanding quarry or mining dewatering operations. Whether tackling critical bypass pumping or complex fluid transfers, the APCD series provides the dependable, continuous operation required to keep your project moving forward.

*We sell...
For Less!*



Quiet Package



Skid Electric Package



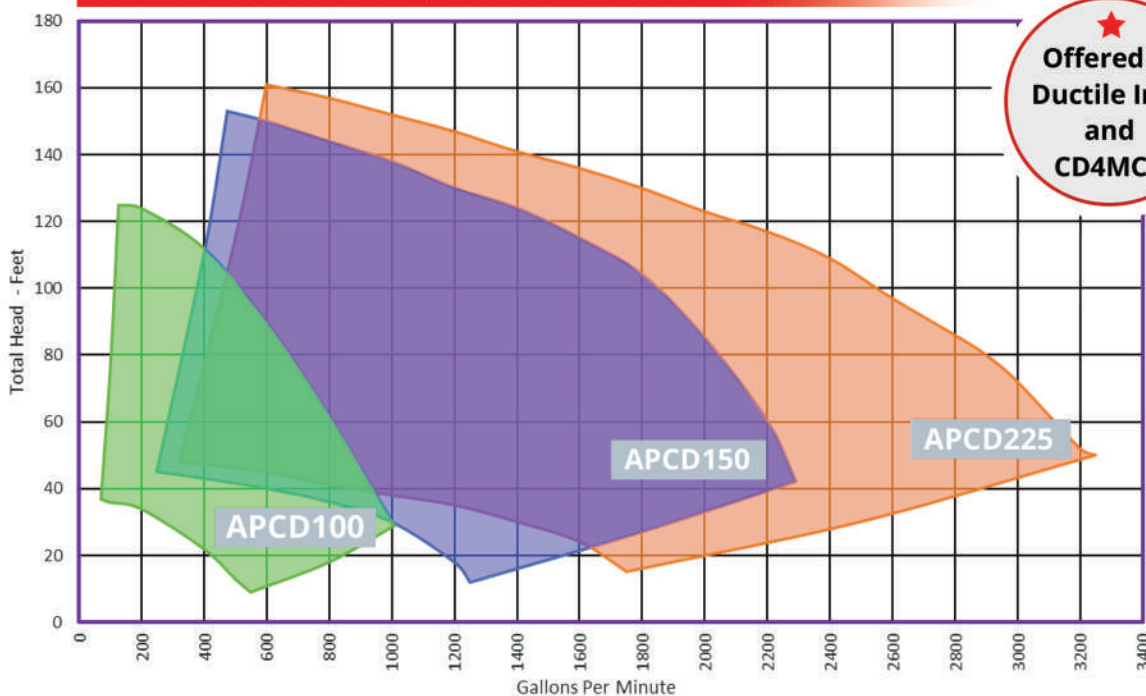
Trailer Diesel Package

Available Configurations:

- ✓ Bare Pump
- ✓ Skid-Diesel Package
- ✓ Trailer-Diesel Package
- ✓ Quiet Package
- ✓ Diesel or Electric Drive

Call us:
(713) 690.7575

AP Series Performance Curve at 2200 RPM



Auto Prime APHH Series Pumps



Features:

Small Solids-Handling..... up to 2"
 High Flow Volume..... up to 5,500 gpm
 High Head..... 225' - 425'

Markets

- ▶ Agriculture
- ▶ Mining
- ▶ Oil & Gas
- ▶ Power
- ▶ Water & Wastewater

Applications

- ▶ Liquid Transfer
- ▶ Wash Down
- ▶ Fire Protection
- ▶ Jetting
- ▶ Fracking

Amco's High Head (HH) Auto-Prime Series consists of 7 models, each equipped with a vacuum auto-prime mechanism and oil bath mechanical seal. This series of pumps is available in high head/low flow and high flow/low head. The wide range of impeller and inlet/outlet sizes make our pumps suitable for a variety of applications.

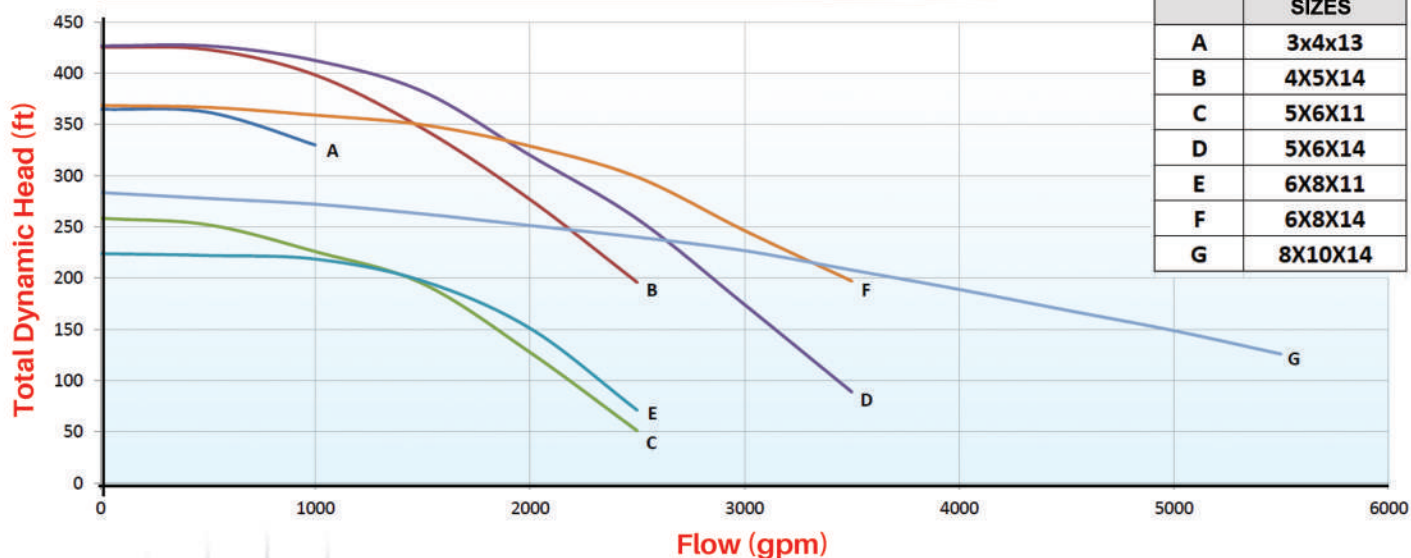
Our pumps are manufactured from durable ductile iron and can prime up to 28' of suction lift. The open impeller design handles solids up to 2" in diameter. Each model can be skid or trailer-mounted, as required.

Available Configurations:

- ✓ Bare Pump
- ✓ Skid-Mounted Package
- ✓ Trailer-Mounted Package

Call us for more information

HH Series Performance Curve at 2200 RPM



* Composite curves for comparison purposes only, consult engineering data for exact flow and head capabilities.



Diesel Drive

**A pump
for every
application!**

(available in all sizes)

You can count on us



Electric Drive

AMCO Auto-Prime High Head Series

- Vacuum auto-prime system with oil bath mechanical seal.
- Ductile iron construction for durability.
- Self-priming up to **28 ft suction lift**.
- Open impeller handles solids up to **2" diameter**.
- Available in multiple sizes for a wide range of applications.

APHH series

Max Head ▶ 170 ft

Max Flow ▶ 5,400 gpm

Solids Handling ▶ Up to 2"

HH Series Specification Chart

High Head Part No.	APHH3413	APHH4514	APHH5611	APHH5614	APHH6811	APHH6814	APHH81014
Suction x Discharge Size (inches)	3x4	4x5	5x6	5x6	6x8	6x8	8x10
Max Flow (gpm)	1000	2500	2500	3500	2500	3500	5500
Max Head (ft)	370	425	260	425	225	370	280
HP @ RPM	99@2400	99@2400	275@2400	250@2400	275@2400	375@2200	375@2200
Solids Handling (in)	0.75	0.41	0.94	0.94	0.94	1.38	2
Impeller Diameter (in)	9-13	9-14	9-11	10-14	9-11	10-14	12-14

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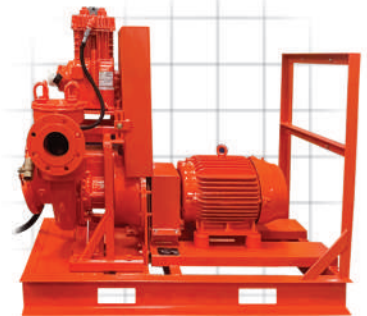
AMCO Pump in operation



Dual Trash Pump Skid



Horizontal Trash Pump Skid



Electric Skid Package

STP series

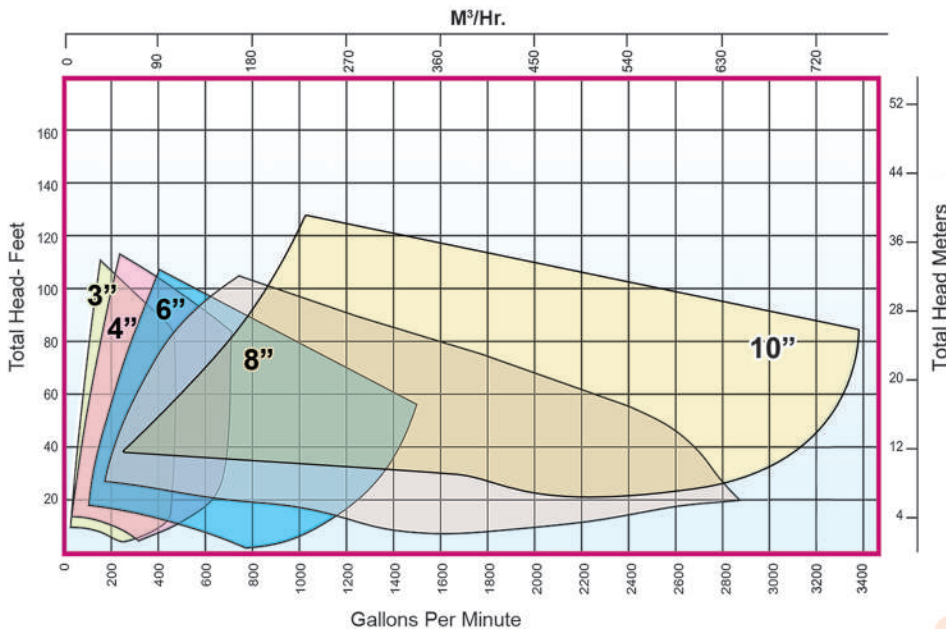
Max Head ► 150 ft

Max Flow ► 3,400 gpm

Solids Handling ► Up to 3"

AMCO's STP Self-Priming Trash Pumps handle solids with low maintenance. Available in 2"-12" sizes with a replaceable rotating assembly, adjustable 4-bolt front cover for easy debris removal, and diesel or electric drive options.

Performance Curve



Yes!

**We customize...
to your requirements.**



*Our Engineers can assist you with
your Design & Engineering needs.*

APCD series

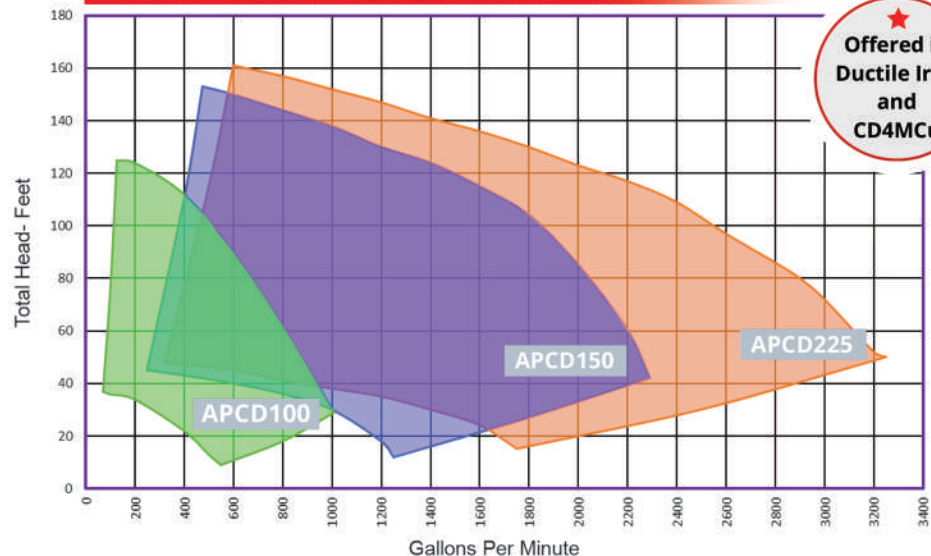
Max Head ► 175 ft

Max Flow ► 3,250 gpm

Solids Handling ► Up to 3"

APCD Auto-Prime Pumps are designed for *dewatering and bypass applications*, handling solids, sludge, and raw sewage. Their *Venturi priming system* self-primers from dry up to 28 ft. suction lift, while the *liquid-bath mechanical seal* allows *continuous dry running*.

AP Series Performance Curve at 2200 RPM



★
Offered in
Ductile Iron
and
CD4MCu



Check Valves
4" thru 12"



Butterfly Valves
4" thru 12"



Suction Hose
2" thru 12"



Cam & Groove
Fittings



Hammer Unions



Air Release Valves



Discharge Hose
(Bauer Syle)



Bauer Style Fittings



Priming System Air
Compressors



Discharge Hose
(Cam & Groove Style)



Suction Strainers



Solar Trickle
Chargers



AMCO Pump in operation



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Spare Parts!
... in stock.

We sell pumps and parts
100% Interchangeable
with major OEMs

www.amcopumps.com



Mechanical Seal Kit



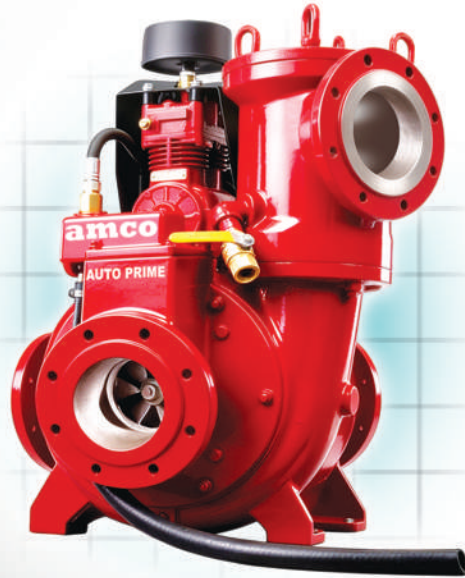
1-2 Year Spare Parts Kit



Bearing Brackets



Volute



Buy with Confidence!



Front Covers



Shaft & Bearings



Ejector Nozzle, Jet,
Collar

amco
pumps & parts are
100%
interchangeable



NRV Ball & Seat



Wear Plates



Impellers



Bendix® Style
Compressors



Our Engineers can assist you with
your Design & Engineering needs.

Give us a Call: (713) 690.7575

Ductile Iron

As a standard, all AMCO pumps are constructed of ductile over cast iron. Ductile iron has excellent corrosion resistance, tensile strength, and yield strength. Unlike cast iron, ductile iron does not break when it is bent, so it is more suited for high demand applications.

Ductile iron is a durable, fatigue-resistant metal due to its spherical graphite structure. The spherical shape is key in making ductile iron extremely tough, malleable (it can be twisted and otherwise manipulated without cracking), and durable, meaning it's a great metal to use for machine parts.

316 Stainless Steel

316 stainless steel is built to last—it can pump toxic and corrosive chemicals just as well as it can work with water. It is known for its strength and durability across a wide-range of chemical pumps.

Stainless steel is a low carbon steel containing chromium. The chromium provides corrosion resistance, in part by creating a film on the surface of the steel that allows the steel to "heal itself" if it is damaged.

Applications include:

- Chemical recirculation and chemical transfer.
- Detergent mixers
- Carbon arc furnace cooling systems.

17-4 PH Shafts

17-4 PH is a martensitic, chromium-nickel-copper precipitation-hardening stainless steel. It provides an outstanding combination of high strength, good corrosion resistance, and excellent mechanical properties at temperatures up to 600°F (316°C).

The corrosion resistance of Type 17-4 PH is comparable to that of Type 304 stainless steel in most environments and is superior to that of hardenable 400-series stainless steels.

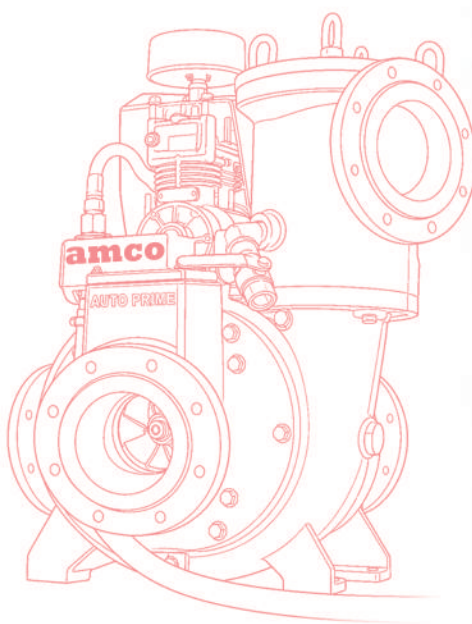
CD4MCu

CD4MCu is a stainless steel with corrosion resistance equal to or better than 316 SS, but with double the yield strength. This material allows pumps to be used in more abrasive applications with better resistance to corrosive cracking and pitting.

The CD4MCu duplex (two phase) stainless steel property, unlike common grades of stainless steel such as 316, which are single phase, provides the corrosion resistance of 300 series stainless steel with the strength and hardness of 400 series stainless steel.

Features include:

- Corrosion and pitting resistance
- Higher strength than standard grades of stainless steel
- Improved ductility and weldability
- Better resistance to embrittlement



Top quality... for Less!

Our Warranty

2 YEARS / 2000 HOURS AMCO Pump Warranty

Subject to the Terms and Conditions set forth herein, **Amco Pumps Manufacturing, Inc.** ("the Company") warrants products and parts of its own manufacture against defects in materials and workmanship for a period of **twenty-four (24) months from the In-Service date or 2,000 operating hours, whichever occurs first.**

This warranty is limited to the **repair or replacement, at the Company's discretion, of any part determined to be defective.** Upon discovery of a defect, the customer must promptly provide written notice to the Company, including the product serial number and a complete description of the issue.

The Company assumes no responsibility for damage resulting from **misuse, neglect, operator error, improper operation, or normal wear and tear.**

Installation, field labor, transportation, and shipping costs are not covered under this warranty and remain the responsibility of the customer.

Products or components manufactured by third parties are **not covered by the Company's warranty** and are subject exclusively to the applicable warranty provided by the original manufacturer.



**Complete
Dewatering
& Bypass
Solutions!**

PUMP MANUFACTURING, INC.
HOUSTON • TEXAS

AMCO
SATISFACTION
GUARANTEED
★ ★ ★



A pump for every application!

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70,000 square ft. of modern manufacturing facility on 5 acres

Corporate Office: **4849 Cranswick Rd • Houston, TX 77041**

For technical or application assistance **Call: (713) 690-7575**



MANUFACTURING • SALES • SERVICE

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