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Model Number: 20180102

Clean Storm 20180102 Goliath Dual 6.6 Vac 6.6GPM Auto Dump Recycler Trailer Mount Pressure Washer Vacuum Recovery

Manufacturer: Clean Storm

Clean Storm 20180102 Goliath Dual 6.6 Vac 6.6GPM Auto Dump Recycler Trailer Mount Pressure Washer Vacuum Recovery

Goliath Dual 6.6 Trailer Mount  
Pressure washer Reclaim Unit

#### Product Summary:

New Larger Waste Tank Size: 26 gallon (20" X 20" X 15" ID)

Body Construction: Fiberglass box for durability, capable of full steam pick up.

Vacuum Motors: Dual 6.6 vacuums (will operate over 150+ ft of 2" vacuum hose!)

138" Water Lift 275 CFM = 37,950 Vacuum units. (this is 3 times other units on the market)

New Larger Flat Lid

Automation: 6.6 GPM X 60 PSI auto dump

#### Features:

- Dual ball float/standpipe for increased air flow and vacuum performance.
- Water and vacuum tight hinged with gasketed reinforced lid.
- Dual 25 ft. 12-3 power cords
- Circuit locator lets you know when you are on different breakers.
- Can be used to extract either hot or cold water. Fiberglass housing cannot rot, rust, and warp.
- Garden hose discharge. Hose not included
- Machine will operate on either one, or two power cords
- Made in the USA

Factory Included Two Units installed on housing  
Extension Power Cord 25 ft 12-3 115 volt

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Factory Installed

Dual Clean Storm Fiberglass Vacuum Motor Manifold 20131023

Allows for steam and hot water vacuum recovery without the worry of traditional plastic manifold collapse.

Factory Installed Dual 3.3 for a total of 6.6 gpm auto pump out at 60 PSI

Factory Installed Valterra: Gate Valve 1.5in Replacement Dump Valve H225  
Drain Valve

Installed Carpet Cleaners: 2" Mip X 2" Barbed Truckmount vacuum hose  
connector  
on front of machine.  
Allows you to use either 2" or 1-1/2" ID vacuum hose (your choice)

FREE Dealer Provided Mytee F200 Hose Mount Lint Filtration System Solids

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## Separator

Included at no extra charge

Used to remove hair and carpet fibers from the water to protect auto pump out system

Installed Water Resistant Rocker Switches: 2 Position On/Off - 4 pinned with built in dust and water cover

4 installed on this machine

One switch for each vacuum motor and one for the auto dump pump override.

Factory Installed Dual (2) Ametek Lamb 122234-18 6.6 Vac Motor 120 volts

Note each vacuum motor is on it's own power cord using 12.5 amps of power

Parallel configuration allows for pick up with large surface cleaners.

275 cfm

138" lift

25 amp total vacuum system on 2 cords

## Technical Specification

- Primary cord (15.5 amps) runs (1) vac motor in air series with ball float shutoff and sump pump. If a secondary circuit is not available, machine would perform on this cord. Wired with an in-line GFI and cooling fan.
- Remaining power cord (15.5 amp average) runs the other vacuum motor and pump out pump.
- Twin 1-1/2" ball float shutoff with lint filtration.
- One vacuum stand pipe with check valve will let you run one or two motors depending on how much electricity is available on the job site. One 120 volt power cord per vacuum motor.
- Single 2" vacuum intake.

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- Garden hose cam lock adapter for carpet and tile cleaning for garden hose dirty water discharge
- 1-1/2" cam lock adapter for flood restoration (seen in photo below) for 1.5" diameter dirty water discharge.
- (4) Green lighted splash proof rocker switches.
- Blue tank/Gray base. Lids can be white or black. (current color black)

#### Unit Measurements:

- Machine dimensions: 36"H x 16"W x 26.5" L (box is only 20" Long but barbed fitting on front is 3" and discharge is 3")  
Side handles installed: W 21.25" x L 26.50 x H 36" - Weight (assembled) = 106 lbs.  
w/out cords. 98 lbs with cords.  
This unit will ship with no wheels and no handle for permanent installation on a tongue or bed of a pressure washing trailer. Footprint on floor is only 16" X 20"

#### Goliath Advantages:

1. 26 gallon recovery tank
2. Optional 20" Long 20 mesh and 5 Micron filtration for recycling you water back to the fresh water tank.
3. 2" vac port will run either 2" or 1-1/2" vacuum hose.
4. 300% more vacuum than other recyclers on the market. Nothing comes close. This machine is impressive when it comes to suction. This machine will run longer hose lengths. 25 amp total vacuum system @120 volt
5. Will operate on one, or two, 15 amp power cords.
6. Garden hose water pump out discharge.
7. Switch plate cover will keep your water resistant switch covers in place. Unlike some other brands the clear water protection cover can fall off once the machine gets old or if it gets knocked around.
8. Fiberglass body is not affected by steam vacuum recovery as plastic housing get soft.
9. Easily converts into an air duct cleaning machine, tile cleaning machine, carpet cleaning machine, auto detail extractor. Just add your own pressure washer.
10. Designed to work perfectly with electric converters and run on 11 hp (389cc) generators and larger.
11. New larger longer lasting carbon brushes and sealed bearing vacuum motors.

This unit sold as Machine Only

This unit may be filled in Blue or Green. Color is NOT guaranteed but usually filled in Blue!

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Q&A:

Question: Will the machine operate on a customer's electric dryer plug?

Answer: Yes.

Question: How large of a generator would I need to have to run this?

Answer: Any 389 cc (11 hp) generator will work. Example below BE6500ER.

Please make sure you properly ground your generator. See notes on how to bond your generator to the ground.

Question: What is involved in switching between using one power cord to two cords, and then to use both vacuum motors?

Answer: Nothing! We have a check valve installed on one of the vacuum stacks. This way if you are only using one power cord it shuts off the stack you are not using to prevent air from sucking backwards through the system. Because each power cord will operate on 15 am breakers, it plugs in everywhere. No need to pre-qualify if the outlet is a 20 amp breaker.

Question: Does the machine include the bubble top lid or the flat lid?

Answer: The flat lid. The bubble top lid are some photos that carried over from the older 20 gallon model. All the 26 gallon machines have flat lids with a twist and lock latch.

MACHINE ONLY!! For cost w/accessories, see package options!

One Year Warranty Included.

Also available in 230 volts for \$350 extra + a one month lead time.

We compare the top flood extraction units on the market to see how they compare. Click Here is the list of features to look for.

Search terms:

Pressure washing vacuum system

Truck mount vacuum

Pressure Washing recycling

Vacuum system Pressure

Water Recovery Vacuum System

Vacuum Reclaim

Trailer Vacuum

Capture and Reclaim

Capture & Recycle

Starter packages available to clean:

Air Ducts, Tile and Grout Cleaning, Water Extraction, Carpet Cleaning (either high flow and high pressure)

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## OPTIONS:

Clean Storm Filter Reclaim Quad Filter Pack 80 Mesh to 5 microns for Water Reuse 20141820

Check daily and clean when needed. Clean filter cartridge when pressure exceeds 30 psi. Replace filter cartridges when cleaning does not lower pressure. (Keep a supply of replacement filters on hand)

Clean Storm 20140125 Pressure Washer Hi-Flo 20 Micron Waste water Filtration Kit for Vacuum Water Evacuation Reclaim Units

Hydrotek ANTV5 Hydro Twister Vac 24.5" Rotary Spinner Surface Cleaner Vacuum Air Recovery Water Pick up

A large air and water vacuum recovery surface cleaner like this one needs 200+ cfm to work and long 100+ ft plus hose lengths.

The Goliath 20180102 model is perfect for this type of surface cleaner.

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BE Pressure BE6500 watt Electrical Generator BE-6500ERUSC 389cc  
Powerease

BE Pressure Supply: PowerEase 9000 watt Generator Electric Start  
7100 watt run BE9000ERUSC  
- Extended Warranty + No Extended Warranty  
- Shipping Surcharges + None Commercial Address With Forklift or  
Loading Dock On Site

Hydrotek ATP75 Vacuum Scupper Head 12" Wide Stainless Steel 2"  
Connection

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Shazaam: Convert Portable to a Truckmounted Carpet Cleaning Machine and  
Leave outside with Generator, Reel, Power Cord

Westpak 10-0556-Kit 14in Carpet Cleaning Wand Starter Package 1.5in Pipe  
4 Jet 2 Bend Low Profile W/ Splash Guard

NorthStar: Gas-Powered Wet Steam & Hot Water Pressure Washer 6.5  
hp 2700 PSI, 2.5 GPM-157309

Clean Storm 6720 Cleaning Units 2100 psi 3.2 gpm Cold Electric Pressure  
Washer 2 Power Cords 115 Volts

This Goliath Quad 6.6 Vacuum is included in this package! Click to read  
more.

-Trailer Truck Mount 28 Hp 4000psi HOT 4gpm Goliath 15HG Vacuum  
TM28-340 CFM Pressure Pro Hot Shot Tow Pro TRS4012-40HA 200 gal Tank  
Pressure Washer Cash Priced

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This Goliath Quad 6.6 Vacuum is included in this package! Click to read more.

-Trailer Truck Mount 33Hp 4000psi HOT 4.8 gpm Goliath 15hg Vacuum BE9000 Watt Generator 200 Gal Fresh Tank Hydrotek SK40005VHT185SKH HOT Pressure Washer TM33-340 cfm Cash Priced

This Goliath Quad 6.6 Vacuum is included in this package! Click to read more.

-Trailer Truck Mount 31Hp 3000psi HOT 5gpm Goliath 15hg Vacuum BE9000 Watt Generator 200 Gal Fresh Tank Hydrotek SK30005VHT185SKH Pressure Washer TM31-340 cfm Cash Priced

-Clean Storm Hose Set 100ft (30 Meters) x 2.0in ID Vacuum & 1/4 in 3000 psi Solution with QDs and Ball valve installed

Where did the name Goliath Carpet Cleaning Machine come from?

<https://www.steam-bright.net/showthread.php?3389-Were-did-the-name-Goliath-Carpet-Cleaning-machine-come-from&p=5477#post5477>

Comparison pressure washer comparison notes for chart below:

CFM mean cubic feet per minute that passes through the vacuum at zero inches of lift at sea level (Unrestricted)

Inches of lift means: how height can you suck a 1" diameter column of water straight up in the air above seal level when the CFM reaches zero. (Complete occlusion)

Inches of HG (mercury): Mercury is the heaviest liquid metal on Earth so this liquid is not picked up near as high as water.

1 inches of HG = 13.6087 inches of water lift

Vacuum units: Formula Max CFM (at zero inches of lift) X (Times) Max inches of lift (at zero CFM)

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Amp draw or HP (Horse Power): Watts divided by Volts equal amps. Amp draw is king. Machines that use more power just perform better.  
 If you find any miss information, please email us and will correct this web page.  
 Correction are not made based on phone calls, email only.  
 Some multiple cored electric vacuum require all power cords to be plugged in to work, others machine allow you to chose to use as much or little vacuum needed.  
 Equipment below is not in any order.  
 If you know of a machine that you want added in this chart, please email us.  
 Prices factory build specs and prices subject to change without notice.  
 Information to be used for entertainment purposes only.

## Compare Pressure Washing and Flood Pumper Vacuum Systems

NAME / Model #  
 MAX CFM  
 MAX INCHES OF LIFT / INCHES OF HG  
 VACUUM UNITS  
 VACUUM AMP DRAW or HP  
 AVERAGE PRICE  
 AUTO DUMP GPM  
 Notes: NUMBER OF POWER CORDS NEEDED TO OPERATE

Goliath Quad 6.6 20170915  
 340+  
 215" / 15.8 HG  
 73,100  
 50 amps  
 \$2855  
 30 Gpm  
 1, 2, 3, OR 4 cords, operators choice / 15 amps per cord.  
 Dual discharge ported, garden hose or 1.5" Camlock

Sirocco PEV2  
 200  
 137" / 10.1 HG  
 27,400  
 20 amps  
 \$2400  
 30 Gpm

2 cords required to use two motors and pump out / when 15 amp breaker is available you cannot operate both vacuum motors.

Mytee 7000LX  
 141  
 207" / 15 HG

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39,690  
28 amps  
\$2299  
30 Gpm  
1 or 2 cords needed, operator choice / one 15 amp one 20 amp

Kleenrite Mega3  
170  
112" / 8.23 HG  
19,040  
18 amps  
\$2015  
20 Gpm  
2 cords required 15 amps per cord

Goliath SBM-GO-A  
250  
170" / 12.5 HG  
42,500  
30 amps  
\$2142  
30 Gpm  
1 or 2 cords, operator choice / 15 amp one cord, 20 amps 2nd cord.

Goliath SBM-GO-A-6  
340+  
215" / 15.8 HG  
73,100  
50 amps  
\$2899  
30 Gpm  
1, 2, 3, or 4 power cords, operators choice  
Dual discharge ported, garden hose or 1.5" (Same as this web page but with handles and wheels added for portable use) 15 amps per cord

Hydrotek RG40V12  
425  
190" / 14 HG  
80,750  
21 HP  
\$6751  
30 Gpm  
Gasoline powered

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Drieaz F479 HVE3000  
125  
136" / 10 HG  
17,000  
22 amps  
\$3085  
50 Gpm  
1 or 2 cords, operator choice / Filtered exhaust air for indoor use

Clean Storm 12-6000  
198  
117.4 / 8.62 HG  
23,245  
19 amps  
\$1514  
20 Gpm  
2 cords required

US Products Flood King DX F332  
Factory 170 (our test 155)  
100" / 7.35 HG  
15,500  
15 amps  
\$2845  
10 Gpm  
1 cord

Dristorm SBM20FV  
107  
135" / 9.92 HG  
14,445  
11 amps  
\$1647  
70 Gpm  
1 cord

Kleenrite Mega2  
190  
88" / 6.5 HG  
16,720  
14 amps  
\$1931  
20 Gpm  
1 cord

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## Powrflite PF85DX

100  
100" / 7.36 HG  
10,000  
10 amps  
\$1779  
10 Gpm  
1 cord

## HydroTek RPVACE1

102  
88" / 6.5 HG  
8,800  
9 amps  
Discontinued  
8 Gpm  
1 Cord

## Mytee Escape

180  
204" / 15 HG  
36,720  
30 amps  
\$3799  
30 Gpm  
1 or 2 cords / Cannot use in the rain

## Abatement Technologies Mega-Pump MP3000

140  
105" / 7.72 HG  
14,700  
8.5 amp  
\$3814  
60 Gpm  
1 cord

## Ninja Warrior Storm Sweeper 1.007-078.0

100  
107" / 7.86 HG  
10,700  
10 amp  
\$2090  
10 Gpm  
1 cord

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EDIC FB50 FloodBuster  
142  
147" / 10.8 HG  
20,874  
13 amp  
\$2603  
50 Gpm  
1 cord

Esteam Ninja Classic FM200  
112  
150" / 11,02 HG  
16,800  
15 amp  
\$2667  
65 Gpm  
1 cord / 200 psi rinsing pump included

Hydrotek RPV30E1  
100  
91" / 6.69 HG  
9,100  
10 amp  
\$1008  
30 Gpm  
1 cord

Hydrotek RPV50E1  
106  
106" / 7.79 HG  
11,236  
12 amp  
\$1288  
50 Gpm  
1 cord / 20 amps required

PowrFlite PF85  
100  
115" / 8.45 HG  
11,500  
10 amp  
\$1379  
5 Gpm  
1 cord

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Goliath SBM-GO-500H Set  
250+  
170" / 12.5 HG  
42,500  
30 amps  
\$3918  
30 Gpm  
1 or 2 cords, 15 or 20 amps, world's first 500 psi HEATED flood pumper -  
electric

Sapphire Scientific 72-4500BB  
565 dual wand  
450 single wand

190" / 14 HG  
107,350 Dual Wand  
85,500 Single wand

35 Hp  
\$18070  
45 Gpm  
Gasoline Powered /

Sirocco SGV3-16s  
350 Cfm  
190" / 14 HG  
66,500  
16 Hp  
\$5485  
Optional 30 Gpm  
Gasoline Powered

Sirocco SGV4-29efi  
500 Cfm  
190" / 14 HG  
95,00  
26.5 Hp  
\$8785  
60 Gpm  
Gasoline and Electricity Both Needed

Goliath 20180102 Recycler (this webpage)  
275 Cfm  
138" / 10.2 HG  
37,950  
25 amp



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\$2658  
6.6 Gpm  
Electric, 1 or 2 cords 15 amps each

Hydrotek RPF1  
No vacuum  
NA  
NA  
NA  
\$10,895  
6.0 Gpm  
Electric 1 cord

Hydrotek RPFSE1  
No Vacuum  
NA  
NA  
NA  
\$6796  
6.0 Gpm  
Electric 1 cord

Hydrotek RPT5E1  
104 Cfm  
91" / 6.7 HG  
9464  
8.6 amp  
Discontinued  
30 Gpm  
Electric 1 cord

Hydrotek RZVE1  
104 Cfm  
91" / 6.7 HG  
9464  
8.6 amp  
\$4150  
5 Gpm  
Electric 1 cord

Hydrotek RRVRE1  
112 Cfm  
106.7" / 7.85 HG  
11,950  
11.4 amp

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Discontinued  
9.8 Gpm  
Electric 1 cord

Hydrotek RZV10E1  
104 Cfm  
91" / 6.7 HG  
9464  
8.6 amp  
\$4495  
9.8 Gpm  
Electric 1 cord

Hydrotek AZV55  
104 Cfm  
91" / 6.7 HG  
9464  
8.6 amp  
\$4495  
4.9 Gpm  
12 Volt 13 amp

Hydrotek AZV88  
104 Cfm  
91" / 6.7 HG  
9464  
8.6 amp  
\$4495  
8 Gpm  
12 Volt 20 amp

Hydrotek RPVACE1  
112 Cfm  
106.7 / 7.85 HG  
11,950  
11.4 amp  
Discontinued  
40 Gpm  
Electric 20 amp 1 cord

Hydrotek RZF5E1

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Discontinued

Karcher 1.103-516.0 Mississippi Recovery  
100 Cfm  
97" / 7.13 HG  
9700  
10 amp  
\$1876.25  
30 Gpm  
Electric 15 amp 1 cord

Sirocco PEV3/30  
300 Cfm  
135" / 10 HG  
40,500  
32 amp  
\$3494  
30 Gpm  
Electric 16 amp X 2 cords or single L14-30R

ETM-LX-PLUS  
400 Cfm  
190" / 14 HG  
76,000  
60 amp  
\$4500  
30 Gpm  
Quad 20 amp power cords

Kleenrite 36306  
239 Cfm  
120" / 8.83 HG  
28,680  
20 amp  
\$3121  
60 Gpm  
1 core 15 amps / 1 cord 20 amp power cords

Clean Storm 12-6000  
198 Cfm  
117.4" / 8 HG  
23,245

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20 amp  
\$1673  
10 Gpm  
dual 15 amp power cords

#### Summary and side notes:

Prices subject to change without notice.

I probably should have added an extra column that was vacuum units divided by dollars spent = performance per dollar or value per dollar

#### Examples

Goliath Quad 6.6 20170915 is 73,100 vacuum units divided by \$2855 = 25.6 vacuum unit performance per dollar spent.

or

US Products Flood King 15,500 vacuum units divided by \$2845 = 5.45 vacuum unit performance per dollar spent.

You can do the math on the rest of the units...

I could have added a column for the vacuum waste tank size but since they are all auto pump out it really does not mater.

Max CFM you can even suck through a 1.5" diameter hose 225 cfm

Max CFM you can suck through a 2" diameter hose is 450 cfm so this reduces the Sapphire 72-4500BB on single wand use.

Most customer find that they under buy the vacuum system after the purchase when it is too late. Water extraction from flooded building, pulling water out of carpet, basements, air duct cleaning, indoor tile cleaning, as well as being able to NOT relocate your rig are important topics to discuss. A strong vacuum system can always be turned down. A weak vacuum is something you are just stuck with. Turning your pressure washer into a multi surface system is easy to do. Simply making a few changes on the pressure washer to that it will operate on a wider range of pressures and simply change the tool at the end of the hose and you no longer have to relay on just pressure washing income, but rather tile and grout cleaning, carpet cleaning, more...

Using machine that only operate on 20 amp breakers might also provide some challenges as some buildings are only wired with 15 amp breakers. 15 amp cords also operate on generators easier too.

It all ways surprises me how many customers will purchase a single vacuum motor vacuum system and the do not realize this will NOT operate a vacuum recovery 21" surface concrete surface spinner more than 25 ft from the cleaning tool. I just is not really possible to have the vacuum machine follow behind you while you are pressure washing. You just need to purchase a vacuum that operate 150 feet of 2" ID vacuum hose so the vacuum unit can stay stationary.

#### Options:

Optional 20 and 5 micron filters can be cleaned and reused until clogged.

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Place inside the Goliath to absorb the oil floating on top of the water on the inside of the Goliath vacuum tank.

Karcher: Ensorb Natural, Oil-Only Pillow 8in X 17in - 8.752-729.0 - Legacy Shark

No water wasted Pressure washer

*Availability: This product was added to our catalog on Thursday 24 May, 2018*