

Model Number: 20190925

Clean Storm Rhino Grout Master Cleaning Wall Counter Top Edging Hand Tool 300psi - 1200 psi 20190925

Manufacturer: Clean Storm

Clean Storm Rhino 20190925 Grout Master Cleaning Edging Hand Tool 300psi - 1200 psi
Build per order and takes 5 business days to build and about 4 business days in shipping.

Description
Very first grout and tile cleaning wand that actually pressure washes tile and grout lines with standard 300 and 500 psi carpet cleaning machines. Designed to clean walls, counter tops, showers, tight spaces. We will call it the "Rhino" one horned beast.

Problem: In the past if you owned a 300 or 500 psi carpet cleaning machine and wanted to clean tile and grout you would have to either already prespray and scrub the floor and then use your carpet cleaning machine to only rinse the floor. If you wanted to pressure wash rinse the floor you always had to upgrade your pump system to 1000 - 1500 psi. Our goal, in this design, was to concentrate the spray to a zero degree (1/8" wide) spray pattern and then rotate that pattern at a 25 degree spray. This supplies the power of the zero degree concentrated spray pattern but still allows the cleaning pattern to be 2-5/8" wide.
Alternatively, in the past, to purchase a high powered 1000 to 1500 psi water pump requires the customer to spend up to a thousand dollars on the pump and then even more to purchase the rinsing wand.

Advantages: For the first time, a carpet cleaner with a standard 500 or even a 300 psi pump can now offer tile and grout cleaning without having to purchase any expensive pump or spinner wand. For the first time, cleaners can even use their heated carpet cleaning machine, or carry in electric heat booster boxes, as part of their new tile and grout cleaning service. Note: The max psi rating for electric heater booster boxes is 500 psi so traditional 1000 - 1500 psi system were only able to use standard tap water temperature for cleaning. Tool cleans all the way to the edge of the tool.

11" H X 12" L X 7" W
Use Weight 5 lbs 12 oz
Shipping weight 10 lbs
Box
Assist handle can be removed for tight space cleaning.

Save money by not having your tool painted. Save $25.00!
Videos
All videos were taken with 65 degree F cold water, no chemicals. Note concrete is similar in composition as grout lines. We tested the tool at 300psi, 500psi, 800psi, and 1100psi. with great results the only difference is the speed we can pull and push the tool at.

We also tested the floor tool and replaced the 1/4" brass cap that is used to hold the toggle swivel to the housing with a 1/4" Veejet that sprayed across the 3" width of the tool at 1100 psi. The results is it cleans great but more water slops out from under the housing so we opted to leave this feature off.

Video Test at 300 psi Floor Model: https://youtu.be/MztHZMO8_U8
Video Test at 500 psi Floor Model: https://youtu.be/bxaujkt0GK8
Video Test at 800 psi Floor Model: https://youtu.be/jvF9cqWcsTQ
Video Test at 1100 psi Floor Model: https://youtu.be/IRn-ftVQ19c
Video Test at 1000 psi Hand held wall and counter top unit:
https://youtu.be/CHkfR1TAYzo
Pictures

Compare to current or past OEM associations:
TURBOTL
225-0468
Gatling Gun Grouter
323923322844
20190919
Steel Eagle ASE-0160
Q&A:
Question: What is the max pressure the tool can handle?
Answer: 2000 psi as this brass is the weakest point on the tool. The nozzle, gun, and lance are all rated for over 2700 psi.

Question: Is the tool freeze thaw stable?
Answer: No. I will require you to remove from the service truck, or blow the water out, or place a small electric space heater on low in the service truck to prevent freeze damage. Water expanse by 8% when frozen and will break the nozzle, gun, and brass all at the same time.
Specification
Build it yourself for $200.00 Factory Assembled for $80 more. Note assembly on this tool is a little harder than the floor model as the supporting 1/4" brass cap is installed off the run tee inside of the 2" ID spray nozzle spray tube. The spray gun is supported by this part as well as the zip cable tie at the base.

Exact color or shade of product is not guaranteed.

See parts list below:
Click on each image or link to open in a new tab to read more about this part,

purchase separately, and / or watch a video:

Foster FK2B Bretco 1/4in Male Brass Quick Disconnect QD Nipple Plug Coupler QD40

Mecline MV925 Gun Easy Pull Trigger Assembly 4500psi 320 degrees F 8gpm 8.754-907.0 - 8.754-769.0 - 8.751-231.0- 9.802-223.0

1/4in Mip X 3/8in Mip Hex Reducing Nipple Brass 8.705-227.0 - BR132

1/4in Mip X 1/4in Fip X 1/4in Fip Street Run Tee Brass Heavy Duty

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28246

2 Inch ID Gray PVC Pipe Cut to 5.5 Inches Long 20190914

1/2 Inch Flat Stainless Steel Washer 520108

Plastic PVC Bushing 2 Inch Male Slip Spigot inside slip X 1-1/2 Fip 20181111

Clean Storm 20190916 Lower Grout Master Gray PVC Shell Housing

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Note the inside wall is smoothed out.

Clean Storm 20190917 Carpet Cleaners Standpipe Waste Tank Link Filter 2" Male Slip

Clean Storm Rotary Turbo Laser Nozzle 500 to 2500 psi HOT 2.5 gpm Rotojet SALE 2500025

1/4in Mip X 1/4in Fip Street 90 Brass Elbow [BR282] 28-157 28-157S

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Brass Nipple 1/4 Mip X 1/4 Mip X 1-1/2 Long - 8.705-205.0 - 40021

1/4in Mip X 1/4in Fip Steel Swivel Fitting / Not live 2M-2UFS PHY052-001 [1404-04-04]

Clean Storm Hose Connector 1-1/2in Barbed X 1-1/2in MIP W/flange H229 K00665-1

1/4in Fip X 1/4in Fip Brass 90 Elbow BR292 28.002

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Teflon Tape Plumber's Pipe Thread and Sealing Tape 118905 [TFLNTP]

Spraying Systems Male Strainer body Holder 1/4" Mip NA0802 8.707-898.0

Spraying Systems Strainer Adapter NA0804

Wand TeeJet Strainer Filter With Internal Check Valve H46 B267 Ss 100 Mesh Screen 8.725-693.0 NA0825 10-0592

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1/4in Mip X 1/4in Mip Brass Hex Nipple Pipe Thread BR072
P/N-3325-4 - 8.706-780.0 28212L

Brass 45° Street Elbow - ¼in FPT × ¼in MPT
BR272 B130 8.619-739.0

Testimonial: "CleanStorm Rhino Grout Master is a 5 Star tool, truly affordable so you can get at least one and use it with any machine. The pic shows an old shower w/unsealed grout and mold spots embedded in caulk (will be cut out later). Customer is selling house and was debating on cleaning/fixing tile shower or replacing. It took me abt 1/2 hr including set up/take down. I did Not use chemical. Just hot tap water at 400 psi. I charged $65 for the "quick job". This gave her the information to decide whether or not to replace it. She has already referred me to her best friend.

The Cleanstorm Rhino grout master is a no brainer purchase. No risk - all reward." Expresscarpetcleaners.com

Optional

Clean Storm Grout Master Cleaning Tool 300psi - 1200 psi 20190919 Edging Wand

Same tool in a stand up floor cleaning model.

Optional Starting Male QD for use on Kaivac branded touchless bathroom cleaning machines.

Simply change out the Foster FK2B with this part.

Pressure Washer QD 1/4in Fip X 1/4in Male Nipple Plug Zinc Steel Coupler 8.707-136.0 87071360

This is an example of a stand alone heater booster box used for carpet cleaning.

Boost the water temperature after the pump up to 210 degrees.

The exact temperature depends on the size of the nozzles and the speed the water passes through the heater.

Clean Storm Hot Box Volcano 1750 Watt In-line Compact Heater For Carpet Cleaning Equipment 120 volts for 15 amp breakers 20120805

Example of a carry in electric cold booster pump to allow carpet cleaning companies to add high pressure rinsing for tile cleaning.

This is the pump we used on some of the above videos.

Pump can safely be feed with hot water upto 140 degrees F.

PumpTec 80346 Water Otter 1200 psi Basic Starter Package Pressure Washer Pump For Tile Carpet Cleaning AS1200 Shock Wave [20170606] 360U

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Clean Storm Goliath COMPLETE HEAT 20gal 500psi DUAL HEATED Four 2 Stage Vacs 14,000 BTU Heater Plus 1750 watt Heater Auto Fill Flood Pumper Auto Dump Hoses Wand

8 stages of vacuum = 170" Lift X 250 Cfm = 42,500 Vacuum units
500 psi @ .78 Gpm Pressure Feed Pump = 390 Cleaning Units
Dual Heater 14000 BTU + 1750 Watt /8020 BTU Electric = 22,020 BTU Of Heat
Auto Fill / 30 Gpm Auto dump.
Total performance = 63,970

Hottest and highest rated portable ever built by any manufacture!
1st portable to exceed the vacuum of a 33 blower truckmount.
1st portable designed to operate 14 and 15" wide high flow carpet cleaning tools.
200 ft hose runs

Clean Storm 12gal 500psi HEATED Dual 3 Stage Vacuum Machine only Clean Storm Carpet Cleaning Machine Mighty Extractor 12-3500-H 80-3500-H Included Shipping

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6 Stages of vacuum = 198 cfm X 117.4" lift = 23,245.2 vacuum units
500 psi X 1.06 Gpm Suction feed Pump = 530 Cleaning units / speed
2000 watt heater = 9166 BTU Heat
Auto fill/ dump - none
Total performance Units (Vac + Pump + Heat) = 32,041.2

#1 best selling all around Carpet, Upholstery, Auto Detail, Mattress cleaning machine.
115 ft hose runs

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Clean Storm 12 Gal 800 psi Dual 6.6 auto fill auto dump Carpet Tile Cleaning Basic Starter Package 12-6800-AFAD Optimizer

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Dual 6.6 vacuum = 170 cfm X 215" lift = 36,550 vacuum units

800 psi X 2.21 Gpm Suction Feed Pump = 1768 Cleaning units / speed

0 watt heater = BTU Heat

Auto fill/ 20 gpm dump - Yes

Total performance Units (Vac + Pump + Heat + fill / dump) = 38,358

1st Transitional Machine for the customer that cannot figure out if they want to clean carpets or tile.

150 ft hose runs

Sandia Clean Storm 12-5000: 12gal 1200psi 5 Stages Vacs Auto Fill 20gpm Auto Dump Flood Pumper 4 Hoses Lint Filter Wand 12-5000 80-5000 AFAD Freight Included

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5 Stages of vacuum = 123.3 Cfm X 174" Lift = 21,532 Vacuum Units

1200 psi X 2.2 Gpm Suction Feed Pump = 2640 Cleaning Units / speed

Chemical injection auto fill / 20 gpm auto dump = 40 units

0 Watts Heat / BTU

Total Performance Units = 24,212

#1 best selling all in one tile cleaning machine.

Designed to operate 12" wide Tile cleaning spinner wands.

75 ft hose runs

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Clean Storm Goliath GO-1500 26gal 1500psi Dual 3 Stage Tile Grout Carpet Pressure Washer Extraction Portable 120v w/ Filtration Package

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6 Stages of Vacuum = 117.4" lift X 198 Cfm = 23,245 Vacuum Units
1500 psi X 2.1 Gpm Pressure Feed Pump = 3150 Cleaning Unit / Speed
0 Watt / Btu Heat
Auto Fill + 3.3 Gpm Auto dump
Total Performance Units 26,401.6

#1 Fastest cleaning 2 power corded machine on planet.
1st portable able to run 15" tile cleaning spinner wands and tools.
115 ft hose runs

California Prop 65 warning: This product may or may not contain ingredients that or on the Prop 65 warning list so please do not eat, lick, or taste this product!
Please wear gloves and safety glasses too!

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Availability: This product was added to our catalog on Wednesday 25 September, 2019

Steambrite Supply