

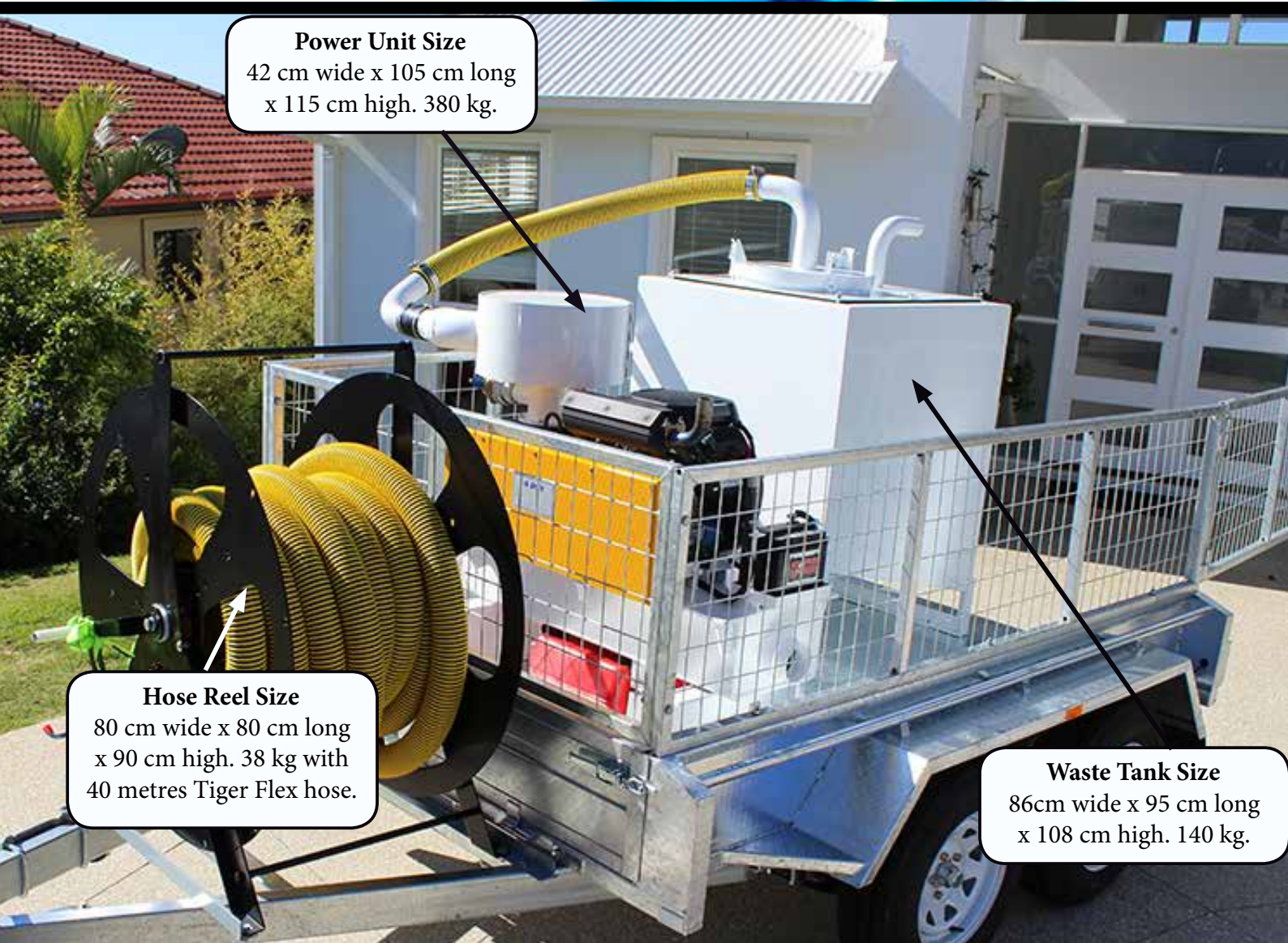
GUTTER SUPERSUCKER 580



**580 Super Sucker
Gutter & Utility
Vacuum system**

Utility vacuum - trailer, ute or Van mounted

More power than a Vac Truck!



Power Unit Size
42 cm wide x 105 cm long
x 115 cm high. 380 kg.

Hose Reel Size
80 cm wide x 80 cm long
x 90 cm high. 38 kg with
40 metres Tiger Flex hose.

Waste Tank Size
86cm wide x 95 cm long
x 108 cm high. 140 kg.

MAKING MONEY

The Spillrite Gutter Super Sucker 580 has been built from the ground up with one purpose in mind. To create the most powerful gutter vacuum system in Australia that has the ability to easily jump to dozens of different applications allowing the owner operator to make an income from multiple streams. Let's have a look under the hood.....

Vanguard
motor



Honda
motor

**THE POWER**

The power plant of the whole system is a Positive Displacement Blower. This kind of industrial pump is used in factories all over the world and also in most of the large vacuum trucks that do what is known as non-destructive digging. They use a pd blower because they are immensely powerful and very reliable. Generally a pd blower in a factory will run 24 hours a day 7 days a week without stopping. The first oil change for the 580 pd blower is 100 hours and the second is 1500 hours. They are strong and destruction proof. The perfect combination for a small business owner that wants a vacuum system that is reliable, low maintenance and cheap to run.

PD BLOWER VS ELECTRIC

The 580 pd blower unit creates around 580 cfm with a vacuum rating of between 14-16" Hg (inches mercury). An electric vacuum will create high air flow, sometimes over a 1000 cfm however the vacuum rating will be very low, around 4-5 inches Hg.

What the difference means is, an electric vacuum will be OK over short hose lengths, generally less than 25-30 metres for a triple motor electric vacuum. And then only for light dry waste. This is because the actual raw vacuum at 4-5 inches mercury is just not powerful enough to suck anything difficult like sludge, mud, gravel, rocks, soil, dense wet leaves etc. With an electric vacuum, as the hose length increases the vacuum at the end drops away dramatically. Now, because the 580 is being powered by a pd blower and has 4 times the raw vacuum grunt, the vacuum does not decrease even up to 100 metres of suction hose. It gobbles up everything in its path. The units are so powerful we have to install a vacuum relief valve to shut the vacuum down when your hose gets blocked. It is truly a beast.

THE SETUP

The 580 system can be setup onto a trailer or a ute or even in a van in a number of ways. The actual power unit takes up about a 1/4 of a tandem axle 8x5 trailer as shown in the photo below. This is the way we set it up but it can be swiveled around and be flat to the back wall. The yellow belt guard only needs to be accessed if a belt breaks which may happen once every 5 years. The main points of the power unit that need to be accessed regularly are the fuel filler, primary filter and electric key start.

As long as you can get to these points then you can place the power unit whichever way you like.

We generally install the waste tanks, which in this photo is a 650 litre twin operator tank, on the driver side of the trailer butting up to the power unit. This gives the trailer a wide space down the side for tools, extra hose and waste bags. The hose reel is installed on the drawbar.



Primary
filter

Roots
style
pump

Electric
key start

Vanguard
or
Honda

Fuel
tank

Vac relief
valve

Pressure
gauge



THE TANK

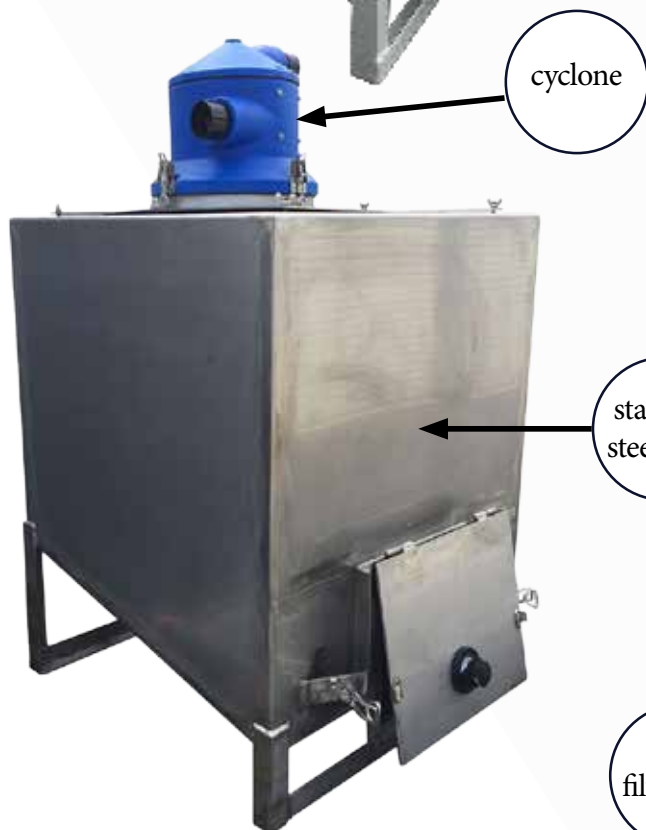
The 580 waste tank can be made to suit your individual setup. We can modify the shape and the size to suit. The tanks shown here are 650 litre mild steel and stainless steel capture tanks.

The first tank is a standard gutter wet and dry tank that has an incorporated filter and can be used for all types of wet and dry waste.

The second tank is a cyclone tank and can be used for all types of light dry waste like powders and dusts.

The cyclone separates the dust and forces it to stay in the tank and bypass the filter. This is particularly useful when vacuuming dusts in factories, light dry dirt in arid areas and powders in all industrial environments.

If choosing a cyclone then we can supply a second smaller filter tank so the main tank becomes wet, dry and cyclone capable.



Dual Operator tank

The Dual Operator tank is fractionally larger than the standard 600 tank and is equipped with twin tank filters. It has twin power connection hoses from the power unit and has twin suction take-off pipes to connect the supplied suction hose. Two operators can use the tank simultaneously. There is a moderate drop in power when two operators are using the powerful 580 PD vacuum system.



delivery of unit to new customer

THE JOBS



The 580 Gutter Super Sucker has been designed to be able to match up with many different capture tanks and filtration systems.

Whether you want to just concentrate of gutter cleaning both domestic and commercial or try and secure contracts with schools and nursing homes, the 580 will deliver the performance needed to accomplish the jobs in record time.



With the inclusion of a cyclone tank, the 580 can become the backbone of a commercial cleaning business that concentrates on cleaning factories both large and small.

The image to the left is of one of our clients cleaning a factory in the Gold Coast using a PD Blower vacuum coupled with a cyclone and getting paid \$950 cash per day over a three week period.



Every industrial area that is filled with factories is a gold mine just waiting to be tapped into. With the EPA, the Environmental Protection Authority, breathing down the neck of all big businesses and factories making sure they are not polluting the local creeks, rivers or drain systems, an industrial vacuum system like the 580 and clean up all their mess both wet and dry.



Another avenue to earn a living is to concentrate on roof cavities and the removal of dust and blown in insulation. The 580 can accomplish this easily with the right filtration setup.

Contact Spillrite today to see how the 580 can kick-start your cleaning business.

PRICE & INCLUSIONS

October 2018

Standard Price and inclusions: Gutter Vacuum Super Sucker 580-600 -**Single Operator.**

\$21,600 + gst

- # 580 S2 Ingersol Rand PD pump
- # Vanguard petrol motor standard *
- # 1 x Steel hose reel
- # 1 x 40 metres 65mm hose
- # Vacuum relief valve
- # 650 litre steel or Alloy tank single vac suction port
- # Ball valve for wet dump
- # 1 x installed filter + 1 x spare
- # Wide waste trap
- # 75mm power connection hose
- # 63 mm gutter probe x 300 mm



Standard Price and inclusions: **Dual Operator.**

\$22,500 + gst

- # 580 S2 Ingersol Rand PD pump
- # Vanguard petrol motor standard *
- # 1 x Steel hose reel
- # 2 x 20 metres 65mm hose
- # 2 x 20 metres 50mm hose
- # Vacuum relief valve
- # 650 litre steel or Alloy tank single dual suction port
- # Ball valve for wet dump
- # Wide waste trap
- # 75mm power connection hose + Y piece and clamps
- # 2 x 50 mm gutter probe x 250 mm

Trailer not included

**Terms and conditions;**

- Build is between 5-7 weeks on average
- 50% deposit required to start - 25% required at week 3
- Final 25% required when unit complete and ready to ship

* Please note our engineers build these units from the ground up and are tested to a high level. If the unit takes a week or so longer than stated, please be patient.

* **Honda GX630 upgrade please add \$630.00.**