



2013 in Review: A Few Top Custom Designs

Another year has drawn to a close. It has been a tough year for South African businesses and, in fact, the same thing could be said globally. We are very fortunate and grateful that we've managed to stay strong in these tough times.

As is customary at this time of the year, we have looked back over 2013 to see what has worked for us and what hasn't. We strongly feel that our "can do" attitude together with the ability to custom design specialized equipment to 'solve' our customers problems, is what has given us the edge. AND we love a challenge! Please go to our blog for more information.

1. Drain Cleaning Truck-mounted Pressure Washer - 212 l/min @ 200 bar

What was interesting about this project was that our customer had three 10-ton trucks already fitted with a 10,000 litre water tank. Our mandate was to design a powerful pressure washer system capable of cleaning municipal drains of up to 600mm in diameter. These pressure washers had to be customized so that they could fit into the available space on the truck and it had to be done in 3 months.

A Hawk bomb nozzle was also fitted. The design of these nozzles is such that it pulls the hose through the drain. They are ideal for clearing of blocked drains.



2. Trailer-mounted Pressure Washer to clean Power Line Insulators - 200 l/min @ 60bar

Our customer required two mobile pressure washers that were powerful enough to clean power line insulators from the ground.

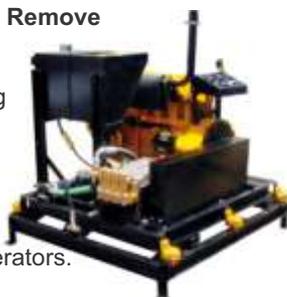
Another customer heard about these trailers and ordered one to clean the inside of large mixing tanks for paint.



3. Skid-mounted Pressure Washer to Remove Debris - 80l/min @ 220bar

A regular customer of ours in the mining industry needed a pressure washer system that was capable of moving debris from structural steel, without the need of being close to the structure.

The system had to accommodate 2 operators.



4. Skid-mounted Pressure Washer to Clean Conveyor Belts - 202l/min @ 80bar

We were commissioned to design a compact yet powerful pressure washer on a skid chassis that could easily be loaded onto a bakkie. The chassis had to be designed in such away that a fork lift could easily lift it off the bakkie. The system needed to have very high volume output, for the purpose of conveyor belt cleaning.

The system was mounted onto a compact galvanized steel chassis which had slots for a fork lift to fit into. A control panel for the system was included.



5. Skid-mounted Pressure Washer to Clean Trenches (Open Drains) - 55l/min @ 200bar with 4 Guns

We were asked to design a multi-user pressure washer around a diesel engine, supplied by the customer. The requirement was that the unit be constructed on a skid chassis which had to be as small and compact as possible. The intended use was to clean trenches (open drains) by up to 4 operators simultaneously.



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