

NEW PRESSURE WORLD

Manufacturer & Solutions Provider



OFFICE PROFILE

**Car Washing, Two Wheeler Washing, Engine Cleaning,
Floor Cleaning, Industrial High Pressure Surface Cleaning**

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**Italian
Technology**

Quality Product with fast delivery and best price.

Products:- Car Washer, Triplex Plunge Pump, Sand Blast Machine, Dust Control System, Mudflow System, Industrial Cleaning Machine.



Application:- Car Washing, Two Wheeler Washing, Engine Cleaning, Floor Cleaning, Industrial High Pressure Surface Cleaning

QUALITY ASSUARANCE

Our Progress in the industry is bases on well established management system, we ensure that we stick to the top quality standards right from the initials stage of testing raw material to final stage of delivery of our products.

Here are the some gesture and advantages of the system to look out for

WHY US

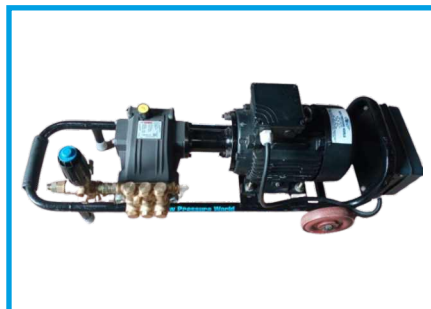
- ▲ **90 TO 500 BAR & 8 TO 400 LPM.**
- ▲ **Ceramic Plunger Pump (Made in Italy).**
- ▲ **Latest Technology based cleaning accessories.**
- ▲ **Easy to operate and service.**
- ▲ **Long life of wear & Tear part.**
- ▲ **Faster than other Cleaning Method.**

- ▲ **Advance Design**
- ▲ **Customized to your specific needs**
- ▲ **Affordable Price**
- ▲ **Quality Assurance**
- ▲ **Quick Support**

📍 **Hitku Near by Kedo School Jadugora Road,**
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Heavy Duty Car Washing Pump

MODELS



Model	Pressure	Flow	Motor	Mounting
NPW8515	150 Bar	8.5 LPM	3 HP (220V/440V)	Trolley Mounted
NPW1020	200 Bar	10 LPM	5 HP (440V)	Trolley Mounted
NPW1520	200 Bar	15 LPM	7.5 HP (440V)	Trolley Mounted
NPW1525	250 Bar	15 LPM	10 HP (440V)	Trolley Mounted
NPW1735	350 Bar	17 LPM	15 HP (440V)	Trolley Mounted
NPW2135	350 Bar	21 LPM	20 HP (440V)	Trolley Mounted

Trigger Gun



Underbody Lance



Vario Nozzle



Strainer



Foamer



Nozzle



Unloader Valve



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DUST SUPPRESSION SYSTEM

We have many type of solution for environmental dust suppression.

High Pressure Water Mist System.

Suppress the dust on Hopper, Chutes, Conveyors, Dropping points, transfer points, Crushers, screening plants etc.

WORKING METHOD

- It works with a high pressure pump with 40 to 100 bar.
- Special SS nozzles generate fine mist.
- Each nozzle consumes water 1 ltr in 10 minuts.
- Compressor not required.
- It works with only one pipe line.
- We can select nozzle qty, pump size, water discharge every thing is customize.
- We can use more than 200 nozzles with only one pump.
- Easy to clean nozzles by manually. Any special tools not required.



Mobile Tanker With multi utility facilities



- **Truck Mounted tanker with rear sprinkling cum mist cannon for haul road ground dust suppression.**
- **Front jetting for concrete road washing.**
- **Hand held jetting gun for road side tree washing, Vehicle cleaning, fire fighting etc**

Working method

- **A pump driven by truck PTO or hydraulic motor with 10 to 15 bar pressure and 100 to 400 lpm water discharge.**
- **We get a very good pattern of water flow and low water consumption.**
- **No wastage of water while vehicle is in standing position.**
- **Controlled water flow equally distribute on all surface.**
- **The time of road washing it will generate 6 to 10 bar pressure and clean properly.**

Fuel Dispensary Unit



FEATURES :

- ❖ ACCURACY: $\pm 0.1\%$ (OUTPUT VOLUME > 99.9% OF INPUT VOLUME) .
- ❖ POSITIVE DISPLACEMENT METER .
- ❖ REPEATABILITY 100% .
- ❖ FLOW RATE : 5 TO 60 LPM .
- ❖ ELECTRONIC REGISTER UNIT WITH 6 DIGIT LCD DISPLAY .
- ❖ THERE IS AN INBUILT PRINTER BY WHICH ONE CAN PRINT THE BILL AFTER EACH DELIVERY.
- ❖ THE RATE OF THE FUEL CAN BE SET VERY EASILY WITH THE HELP OF THE KEYPAD .
- ❖ THE CLOCK CAN BE SET IN 24H FORMAT WITH THE HELP OF THE KEYPAD .
- ❖ MEASURES, MONITORS THE EXACT VOLUME OF LIQUID SPECIALLY PETROLEUM PRODUCTS LIKE LDO , HSD , KEROSENE , FURNACE OIL , BIO DIESEL ETC. FUNCTIONS EQUALLY IN STATIC OR MOBILE CONDITIONS IN URBAN , SUBURBAN & RURAL AREAS .



SPRINKLERS

- Available from 10 mtr to 80 mtr throw range.
- Water discharge 09 lpm to 2000 lpm.
- Pressure required 3 to 10 kg/cm².
- Turbine Technology



NPW sime junior



NPW sime ibis



NPW 3035 SD



NPW Sime Junior rain gun.

- NPW sime junior Rain gun(impact Drive):-
- Jet length 10 to 15 mtr
- Discharge 9 to 15 lpm.
- Adjustable stop for full or part circle coverage.
- Adjustable jet breaker for changes stream pattern.
- Brass drive arm and lower turning union with ½ inch mail threaded.
- Light and uniform rain fall.
- Low maintenance.

NPW 5035 SD

- Unique Hammer With SD Plate Unique hammer with SD (super-diffuser) plate design for uniform distribution.
- Heavy Duty Retraction Spring Stainless steel retraction spring maintains uniform rotation speed.
- Stainless Steel Spindle, Fulcrum Pin Stainless steel spindle, fulcrum pin for improving life of sprinkler with anti-self rotation arrangement.
- Red Cap for Protection of SS Spring Plastic protection cap protects the spring from sand gives longer life to sprinkler.
- Innovative Bayonet Nozzles Integrated stream straightening vanes in nozzles for maximum throw
- Equipped with High Performance Washers Special washers used to give uniform & hassle free rotation along with leakage prevention.
- Discharge: 720 to 3540 LPH
- Diameter: 24 to 36 m
- Operating Pressure: 2.5 to 5 Kg/cm²
- Inlet Connection: 3/4" male Threaded.

AUTOMATIC WHEEL WASHING SYSTEM

- Specially designed for mining and plant vehicle wheel and under body washing.
- It's working with 600 to 800 lpm water discharge 10 to 15 bar pressure.
- Compact & robust MS structure with inbuilt nozzles.
- Throw beam sensor for automation.
- Fully automatic no man power is required.
- Washing time 3 to 5 minutes .
- Length of Ms structure 3 mtr and width 3.5 mtr.
- High Pressure Spraying application mainly at vehicle wheel, bottom of chassis.
- 1 No. MCC cum control panel to operate the automatic system.

DESIGN PHILOSOPHY OF EACH WHEEL WASHING SYSTEM:-

- 1) Washing operation shall be activated automatically through beam sensor placed entry of the wheel washing ramp and the washing will stop after 40 seconds automatically through delay timer.
- 2) Washing operation shall be activated manually also, however, at least 40 seconds before enter the vehicles, this system shall be operated through push bottom station manually and the spray will continue and stop after 40 seconds depending upon the requirement throw Delay timer.
- 3) This timing can be adjusted as per to suit to site requirement.
- 4) Pumping system shall discharge water continuously but the vehicle will discharge material as and when required, hence, the excess water on less demand will be returned to reverser through pressure relief valve.



MIST GENERATOR

- Available from 10 to 50 mtr throw range.
- It will suppress airborne dust.
- Droplet size 10 to 40 micron.
- Its has been noticed that when the size of water particles and dust particles are same they
- combined together and settles to the ground
- Reduces environmental temperature between 5 to 10%.
- Portable mounted on trolley,tower or base frame.
- This unit can also be mounted on truc





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THANK YOU

From
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*One stop and unuque
solution
for dust suppression and
cleaning technology.*

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