

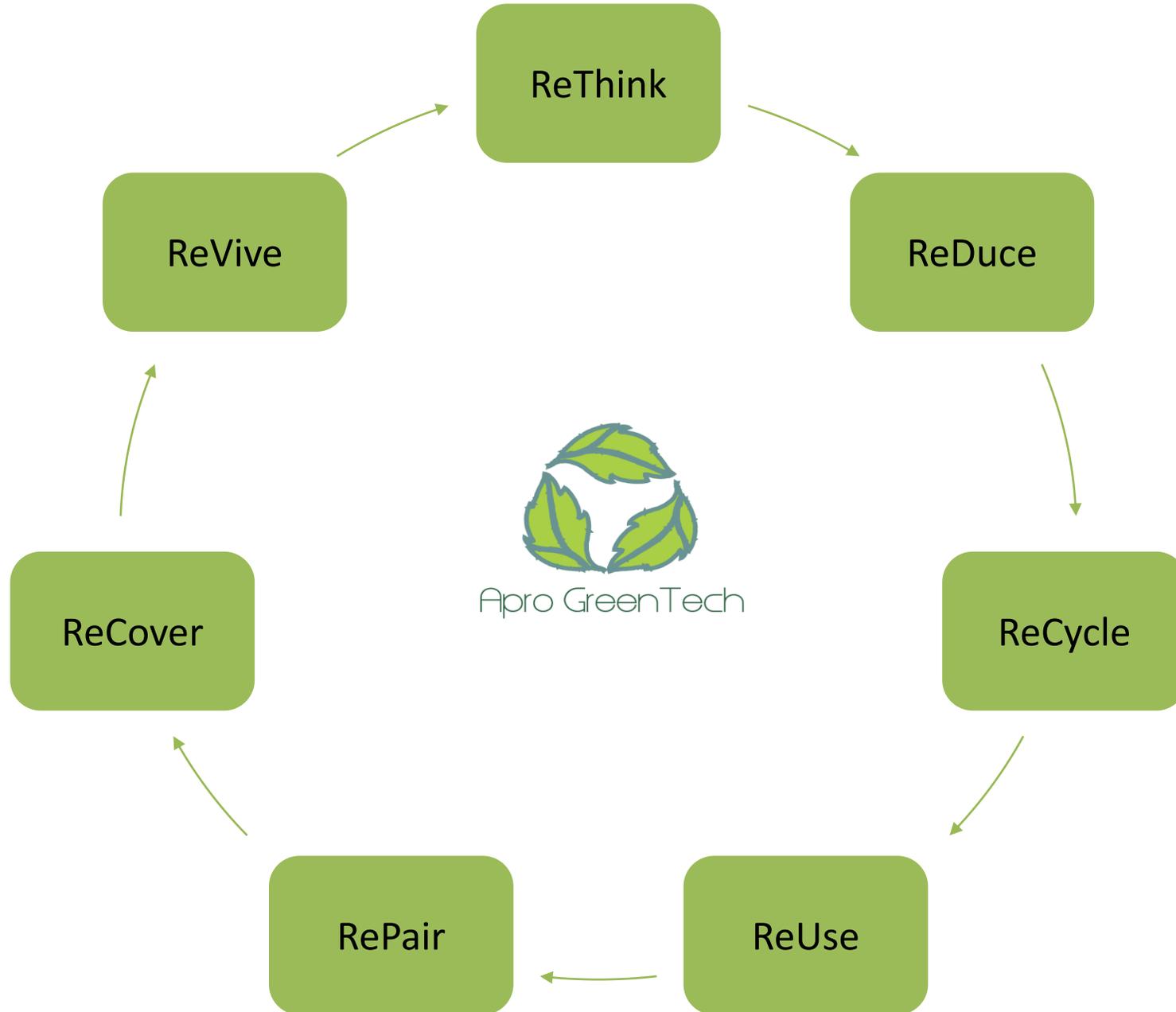


Apró GreenTech

*“Greening the Impossible”*

- *doing what others thought impossible*

- *Dust Control Machine*





## Who we are

Apro Greentech is a sustainable environment consultation firm. In our endeavour of “*Greening the Impossible*” APRO GREENTECH provides and implements Sustainable solutions specially crafted for the unique challenges we face today... We bring in creative innovative ways to treat waste & incorporate the use of renewable energy in your day to day life, Constantly coming up with creative ways to go green. One of our key achievements came in 2013, when we made roads in a Mumbai suburb using recycled tires & plastic waste. Promoting the use of renewable energy, much like our Solar Tree installations in 10 locations across Mumbai, we’ve setup Scientific Recycling centre's and other innovative ways to Reuse, Reduce and Recycle household and commercial waste.

All in all our innovations cater to Investors in green business, government organisations, Corporate CSR, private organisations, Ad agencies, PR agencies(green project for their clients), temples, hospitals, schools, collages, foundations & ngos.. Planning a rural development project through renewable technologies or it can be integrating green technology in your infrastructure. Our professional team can provide you with required knowledge, implementation strategies and efficient products. .

# Different verticals of Apro Greentech



# Different verticals of Apro Greentech

## Green Consultancy

- Planet-friendly rural and urban development
- Waste processing and recycling
- Solar powered lighting solutions
- Rural energy management
- Waste Management

## Sustainable Advertising

- Green Advertising solutions
- Environmental Sustainability Promotions
- Carbon Neutral Awareness programs
- Solar charging stations
- Green billboards and hoardings

## Urban Greening & Beautification

- Urban beautification initiatives
- Plantation & clean up drives
- Awareness programs
- Green homes
- DIY workshops

## Sustainable Homes

### Apro Bricks

- Designed for strength and durability
- Made out of recycled waste
- Sample home completed
- Pre-fabricated rooms available



**AproGreentech**

Greening the Impossible

## Sustainable Sanitation

### SusLoo, the sustainable sanitation unit

- Powered by solar energy
- Structure made from recycled waste
- Simple setup and maintenance
- Can be modified for the handicapped & children

## Renewable Energy Innovations

- Solar benches
- Mobile charging stations
- Laptop charging kiosk
- Bins and tree guards

## Waste Management & Recycling

- Solid waste management solutions
- Carbon Credit Programs
- Scientific recycling units
- Dry waste centers
- Thermocol recycling

To know more, visit us at [www.aprogreentech.in](http://www.aprogreentech.in)



# Dust Control Machine

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# Short Video





Apro GreenTech

# Dust Control Machine

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# Dust Control Machine Details

- The fully-automatic **V12S** offers a universal, powerful and super silent environmentally-friendly dust control solution. The high-performance turbine with linear injection geometry of the water is an optimal solution for very precise throw. Special nozzles with ceramic inserts produce the fine water spray, which effectively lays the dust particles directly at the source. This solution is ideal when working in the middle of towns or cities where a need to be quiet whilst working is paramount. The device is easy to control via a remote control, a touch panel on the electric cabinet or wirelessly. The horn (optional) and the flash light increase the acoustic perception and visibility of the V12S
- The new and restyled **V22** is the most powerful dust-suppression machine. Due to its long projection range it is most suitable for dust-control applications covering large areas. The patented nozzle head and the outer nozzle ring generate a finely atomized mist, which binds the dust particles and prevents them from spreading. The projection distance of the inside nozzle head can be limited to close range by switching off the turbine. Typical fields of application for dust suppression with the V22 include all kinds of opencast mines, demolition sites, recycling plants, storage depots, loading facilities, landfill sites and woodworking shops.



Nominal voltage	400 V
Frequency	50 Hz
Nominal current	31 A
Power connection	32Ax5
Nominal power - turbine	11 kW
Nominal power - pump	4 kW
Length (stationary support)	1650 mm
Width (stationary support)	1200 mm
Height (stationary support)	2370 mm
Length w/o steering (undercarriage)	1860 mm
Length with steering (undercarriage)	2360 mm
Width (on undercarriage)	1900 mm
Height (on undercarriage)	2400 mm
Weight on fixed support	500 kg
Weight on undercarriage w/o steering	540 kg
Weight on undercarriage with steering	580 kg
Weight machine only	420 kg
Storage temperature	-5° a 45° C
Tilt turbine	0° - 52°
Swing (automatic)	360°
Range (up to)	50 m
Acoustic emissions (1500/1000rpm)	63/60 dB(A) @ 20m
Min. water inlet pressure	3 bar
Water filter	250 / 120

Nominal voltage	400 V
Frequency	50 Hz
Nominal current	68 A
Power connection	125Ax5
Nominal power - turbine	18,5 kW
Nominal power - pump	11 kW
Length (palette with pump)	2300 mm
Width (palette with pump)	1650 mm
Height (palette with pump)	2195 mm
Length with steering (undercarriage)	3190 mm
Width (on undercarriage)	2000 mm
Height (on undercarriage)	2210 mm
Weight on undercarriage with pump	1000 kg
Weight on palette with pump	950 kg
Weight machine only	585 kg
Storage temperature	-5° a 45° C
Tilt turbine	-18° a +40°
Swing (automatic)	350°
Range (up to)	70 m
Acoustic emissions	63dB(A) @ 20m
Min. water inlet pressure	3 bar
Water filter	125µm/120mesh
Water connection	3/4"

# Dust Controlling Machine

- The **L3** lance is the first dust-control lance on the market. It is a compact and user-friendly solution for close-range applications. It works without a turbine, allowing it to get near to the source of dust. The spray action can be narrow and flat, fan-shaped or cylindrical, depending on the requirements in any given case. This makes the L3 equally suitable for indoor use and for dust control in recycling plants, crushing plants, on tunnel construction sites, industrial sites, and walkways to factory buildings.
- The patented nozzle head on the **V7** is fitted in axial direction in the turbine and achieves a much higher projection range than comparable nozzle configurations. It has a booster pump and can therefore also be used with the turbine switched off. The user-friendly remote-control system, the 52° tilt angle, 360° pivoting angle and the booster pump with automatic protection against freezing and running dry, all combine to make the V7 into a reliable, flexible and compact dust-controller. Typical fields of application include recycling plants, material handling & reloading facilities, woodworking and relatively small demolition jobs.





Nominal voltage	400/480/600 V
Frequency	50/60 Hz
Nominal current	8A (400V)
Power connection	16Ax5 (400V)
Nominal power - turbine	na.
Nominal power - pump	3 kW
Length	1000 mm
Width	785 mm
Height	2700 mm
Length with lowered rod	935 mm
Height with lowered rod	1560 mm
Length w/o rod	880 mm
Height w/o rod	1385 mm
Weight	111 kg
Storage temperature	-5° a 45° C
Tilt nozzle head	-6° a 60°
Swing (automatic)	270°
Range (up to)*model 4 l/min	20(*10) m
Operating pressure	70 bar
Acoustic emissions	63dB(A) @ 20m
Min. water inlet pressure	3 bar

Nominal voltage	400/480/600 V
Frequency	50/60 Hz
Nominal current	22A (400V)
Power connection	32Ax5 (400V)
Nominal power - turbine	6,5 kW
Nominal power - pump	4 kW
Length (stationary support)	1300 mm
Width (stationary support)	1200 mm
Height (stationary support)	2300 mm
Length w/o steering (undercarriage)	1860 mm
Length with steering (undercarriage)	2360 mm
Width (on undercarriage)	1900 mm
Height (on undercarriage)	2350 mm
Weight on fixed support	420 kg
Weight on undercarriage w/o steering	500 kg
Weight on undercarriage with steering	540 kg
Weight machine only	350 kg
Storage temperature	-5° a 45° C
Tilt turbine	0° - 52°
Swing (automatic)	360°
Range (up to)	30-35 m
Acoustic emissions	73dB(A) @ 20m