

Bring Home a Robot
Bring Home Peace



Auto
Scheduling

Auto
Charging

UV
Disinfection

Auto Obstacle
Detection

All Surface
Cleaning

Auto
Desentanglement

Milagrow HumanTech aims to empower humans across the globe with the latest technology



Technology for the sake of technology is of no use. Milagrow HumanTech endeavours to use the latest technology to empower humans so that everyday chores become a matter of happiness. Milagrow HumanTech will ceaselessly work to enable and comfort humans, anytime, anywhere, anyplace. Milagrow HumanTech will use Intelligent InfoTech, Convergence Electronics and Domestic Robotics technology to serve its mandate.

Humans serving humans for petty tasks has always been looked down upon. Milagrow HumanTech will replace humans serving humans with intelligent robots. Milagrow HumanTech would keep bringing out domestic serving robots year after year.

Cleaning Robots



Robotic Vacuum Cleaners



Robotic Swimming Pool Cleaners



Robotic Window Cleaners



Robotic Pet Litter Bins

Serving Robots



Cooking Robots



Ironing Robots



Fetching Robots



Haulage Robots

Farming Robots



Plant Watering Robots



Pest Control Robots



Robotic Lawn Mowers

Healing Robots



Therapeutic Robots

Home Care & Security Robots



Remote Surveillance Robots



Hazard Detection Robots



Child Care Robots



Massaging Robots

**INDIA'S LARGEST
RANGE OF DOMESTIC
ROBOTS**



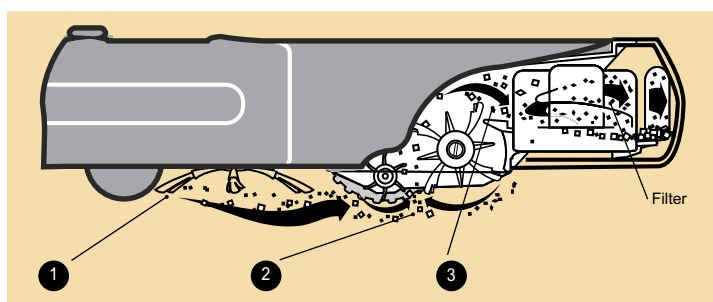
**Launching India's
most powerful range
of robotic cleaners**

Unique Advantages of Milagrow Power | Vacs

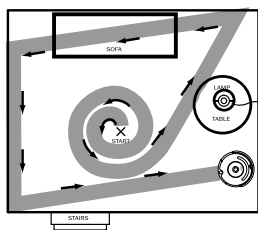
Robotic 3 Way Cleaning



- 1. Loosens the Dirt :** The Power Vac's sturdy side brush loosens the dirt across surfaces and digs deep into carpet fibers to grab dirt, debris, pet hair and more.
- 2. Sucks the Dirt :** The Power Vac's counter rotating side brush and rubber brush work together like a dustpan and broom.
- 3. Stores Dirt :** The Power Vac's vacuum picks up fine dirt and debris and sends them to large capacity dust bins leaving floors and surfaces clean.



Auto Intelligent Optimal Cleaning



- The Power Vac uses its robotic intelligence to efficiently clean the whole floor, under and around furniture and along walls.
- The Power Vac calculates the optimal cleaning path as it cleans and determines which movement to use - spiral, zig - zag and wall to wall.



Automatic Dirt Detection



- The Power Vac's dirt detection software recognizes and deals with particularly dirty areas while working its way around the home, following the same mining-detection algorithms as used by many militaries.
- The Power Vacs increase the cleaning intensity where dirt is detected.



8 Reasons Why Today's Urban Customer needs Robotic Vacuum Cleaners

Less time in the hands of the consumer

Security Needs

Need for Sanitization and Hygiene

Rising costs of Maids and Servants

Cleaning needs round the clock

Cleaning requirement under the furniture & every nook & corner

Need for maintaining expensive floors and carpets

Ageing Population Needs

Germ free, bacteria free home for your kids & family



2ND LARGEST SELLING ROBOTIC CLEANER IN THE WORLD

UV Sterilization



- The unique UV bulb at the bottom of the Power Vac disinfects floors, carpets, rugs and beds.
- The UV light penetrates organism (bacteria, virus & germs) and disrupts their genetic material, killing them on the spot.
- The UV light produces ozone & other free radicals which destroy bacteria, virus & germs.



Works on all Floors & Carpets



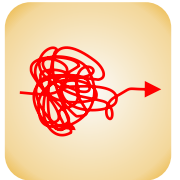
- The Power Vac efficiently vacuums dirt, debris, pet hair, dust, allergens and more from carpets, hard floors and also does wet cleaning.
- The Power Vac's cleaning head automatically adjusts to transition from wood, tile, and linoleum to carpets and rugs with the help of the suspension in its wheels.



Auto Disentanglement



- The Power Vac's Anti-tangle technology ensures it does not get stuck on cords and rug fringes.
- If the Power Vac begins to pick up a cord or carpet tassel, it will automatically reverse the direction of its brushes to extract the item.



Automatic Stair Detection



- The Power Vac avoids falling off stairs, beds & tables using four infrared sensors on the front underside of the unit.
- These cliff sensors constantly send out infrared signals, and the Power Vac expects them to immediately bounce back. When the signal doesn't bounce back, it refuses to move ahead.



Pet Hair Removal



- The Power Vac's 3 stage cleaning process also picks up pet hair, making the home totally germ free.



Infrared Space Isolation



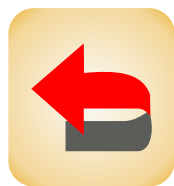
- Invisible barriers can be set using the virtual walls available with the Power Vac to mark off areas.
- The Virtual wall sends out infrared signals that the Power Vac picks up with the receiver on its bumper, it then turns around and head the other way.





**Removes hard dirt
and even pet hair**

Automatic Obstacle Detection



- When the Power Vac knocks into something, its bumper retracts, activating mechanical object sensors that tell it has encountered an obstacle.
- It then performs (and repeats) the sequential actions of backing up, rotating and moving forward until it finds a clear path.



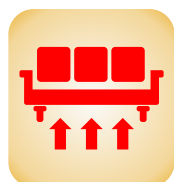
Auto Charging



- The Power Vac will return and connect to the charger all by itself when the battery power is low (less than 15%) using the infrared receiver on its front bumper.
- When the battery power gets low, the vacuum starts looking for the infrared signal emitted by the charger. Once it finds it follows the signal and docks itself to the charger.



Cleans under Furniture



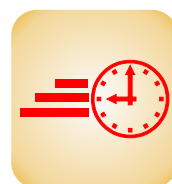
- The Power Vac has been designed to fit under the kickboards in your kitchen, under the sofa, chair, beds and other furniture.
- If a bed or furniture clears the floor by at least 4.3 inches (approximately 110 mm), the Power Vac will happily clean underneath.



Automatic Scheduling



- The Power Vac will clean the floor when you schedule it to, at a special time every day or specified day of the week. The scheduling is actually accomplished via a scheduling device in built in the docking station and remote control through which users can set the time and day of the week (say, every Friday).
- The Power Vac will then leave its station at the specified time and begin cleaning the floor. The robot will return to the charging station as necessary until it's done cleaning and until the next scheduled cleaning cycle occurs.



Convenient Auto Cleaning Modes :

Express Clean



Suitable for slightly dirty areas & beds. Cleans & Disinfects in 15 Mins.

Mini Clean



Suitable for soiled areas. Cleans & Disinfects in 30 Mins.

Full Go



Suitable for Large dirty areas. Cleans & disinfects in 60-90 Mins.



Spot Cleaning Modes :

Spot Spiral



Suitable for tough spots. Cleans in concentric circles.

Spot Zig Zag



Suitable for dirty spots. Cleans in zig zag manner.

Spot Wall-to-Wall



Suitable for hard dirt along the walls.



RedHawk with a sharp eye for dirt automatically identifies high dirt areas and increases the intensity of cleaning

REDHAWK

Most Powerful Robotic Cleaner



Wet Cleaning



Auto Dirt Detection



Express Clean



MINI 30



Spot Spiral



Spot Zig Zag



Spot Wall-to-Wall



Suction Power 10-15W



Dust Capacity 1L



Working Time 60 Minutes



UV Sterilization

BLACKCAT

Sleek & Silent Robot



Suction Power 3W



Dust Capacity 0.37L



Working Time 70-90 Minutes



UV Sterilization



Radio Frequency Remote



Artificial Intelligence Selects Cleaning Modes



Wet Cleaning



Most Silent Robot

ROBOCOP

The Pedigreed Robo



Suction Power 3W



Dust Capacity 0.25L



Working Time 45-60 Mins



MINI 30 Mini Clean



Spot Spiral

Common Features Across Models



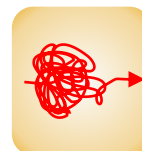
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Auto Intelligent Optimal Cleaning



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Auto Disentanglement



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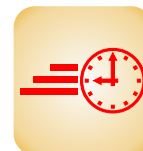
Automatic Obstacle Detection



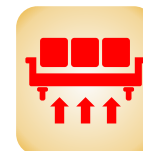
Works on all Floors, Carpets



Automatic Stair Detection



Automatic Scheduling







Cleans under Furniture



Pet Hair Removal

INDIA'S LARGEST RANGE OF DOMESTIC ROBOTS

Robotic Vacuum Cleaners to revolutionize the way Indian homes are cleaned

Made to FREE the Maids !	
 	 
Maid : Cumbersome Cleaning	Robots : Carefree Cleaning
Human serving a Human for daily chores – not a good idea anyways	Machines serving Humans is always a good idea
Lack of Punctuality and Fixed Time Availability	100% Punctuality, Auto scheduling & 24x7 Availability
Requires Constant Supervision	Unattended cleaning operations
May be a Security Hassle	No issues on Security
Cleaning may not be hygienic	Disinfects germs with UV Rays
Inaccessible Areas Untouched	Cleans under the furniture and every nook & corner
May Spoil Expensive Floors with Wet Cleaning	Cleans all domestic surfaces
Are getting Expensive	Fast Payback Period & huge savings thereafter

Choose the Robot as per your needs

Milagrow Power Vacs – Technical Parameters			
Particulars	RedHawk	BlackCat	Robocop
Suction Power	10- 15 W	3 W	3 W
Airflow	100 dm3/ min	63.6 dm3/ min	63.6 dm3/ min
Dust Capacity	1L	.37L	.25L
Battery Capacity	2000mAh	2200mAh	1500mA
Charge Time	3- 4 hours	5 Hours	4 - 5 hours
Working Time	60 Mins	70-90 Mins	45 – 60 Mins
Charging Docket Range	<= 3 Mtrs.	<= 3 Mtrs.	<= 3 Mtrs.
Virtual Wall Distance	0-7+ Mtrs.	0-8 Mtrs	0-7+ Mtrs.
Remote Control Coverage	7 Mtrs.	15 Mtrs	7 Mtrs.
Remote Type	Infra Red	Radio Frequency	Infra Red
Base Clearance	2.3 cms.	0.9 cms.	2 cms
Voltage of Battery	14.4V Li Batteries	14.4V Ni-MH Batteries	14.4V Ni-MH Batteries
Unit Average Pow	45W ~ 60W	15W ~ 31W	19W ~ 25W
UV Protection	Yes	Yes	No
Cleaning Modes	6	Artificial Intelligence	3
Accessories :			
	Charging Base Plate,	Charging Base Plate	Charging Base Plate
	Charger	Charger	Charger
	Remote Controller	Remote Controller	Remote Controller
	Virtual Wall Unit	Virtual Wall Unit	Virtual Wall Unit
	Dust Brush	Dust Brush	Dust Brush
	Rechargeable Battery Pack	Rechargeable Battery Pack	Rechargeable Battery Pack
	Side Brush 1 (Installed) + 1 (Extra)	Side Brush 1 (Installed) + 2 (Extra)	Side Brush 1 (Installed)
	Filter Mesh (Set of 3)	Filter Mesh 1 (Installed) + 1 (Extra)	Filter Mesh 1 (Installed)
	Bumper Rubber Stickers Set of 6	Docking Station Sticker 1	Spoon
	Trailing Bar/Mop Holder	Trailing Bar/Mop Holder	
	Mop 1 (Installed) + 1 (Extra)	Mop 1 (Installed) + 1 (Extra)	

Investing in Domestic Robots is Good Investment



Pay Back Period

- RedHawk 24 Months**
- BlackCat 23 Months**
- RoboCop 13 Months**



**SAVINGS UPTO
₹ 30,000/-
OVER PRODUCT
LIFETIME***

*Consult your sales person for details



Service Assurance



European Standard



AMC Contracts



Home Demo



Convergence Electronics



Intelligent Infotech



Domestic Robots



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