

A Complete Cleaning Solution with **Unbeatable Value**

The Robo-Dressel has been specifically designed to cope with the extra demands of large pools.



Power and Precision

The Powerful twin drive motors give you exceptional maneuverability and climbing capability.



Superior Filtration

A dedicated water pump delivers a filtration rate of over 300 liters per minute.



Maximum Efficiency

2 large intake gates, a high capacity filter bag and a systematic cleaning program ensure a deep, thorough clean for better water quality.



Smart Remote Control

A full function, hand held remote control lets you "target clean" problem areas instantly.



Deep Clean
Every Time



Improved
Water Quality



Saves Time
& Effort



Built for Large
Pools



Economical &
Efficient

SMART. POWERFUL. RELIABLE.

POOL CLEANING ROBOT

Intelligent Cleaning. Effortless Performance.



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Safe 24V DC Operation

Energy-efficient, low-voltage system for maximum safety and reliability.



Smart Overload Protection

Adaptive cleaning schedules optimize performance and protect components.



Intelligent Path Planning

Advanced navigation algorithm ensures systematic and complete pool coverage.



360° Directional Mobility

Seamless movement with real-time obstacle detection and avoidance.



Wall, Stair & Waterline Climbing

Powerful traction system cleans floors, walls, steps, and waterline with precision.



Triple-Motor System

Delivers superior scrubbing force and enhanced suction for deep cleaning.



Full-Function Remote Control

Manual navigation & customizable cleaning cycle settings.



Eco-Friendly Reusable Filter Bags

20µm & 70µm filtration options for fine & large debris. Removable, washable & sustainable.



IP68 Waterproof Robot

Fully sealed underwater protection; IP26-rated control panel.



30-Meter Tangle-Free Floating Cable

Extended reach with anti-twist design for uninterrupted cleaning.

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IP26
Control Panel



Full-Function
Remote Control



24V DC
Safe & Efficient



Smart Overload
Protection



Intelligent
Path Planning



360°
Mobility



Wall, Stair &
Waterline Climbing



Triple-Motor
System



Remote
Control



Reusable
Filter Bags



IP68
Waterproof



30m Tangle-Free
Cable

Amazing Cleaning Power

Floor, Wall, Waterline Cleaning

 Harpalyk



Powerful Cleaning Performance

Twin drive motors for enhanced mobility and cleaning power



Dedicated Water-Pump Filtration System



2 Large Debris Intake Gates

for maximum debris collection



High-Capacity Filter Basket

captures leaves, dirt, hair, algae, and fine particles



Removes Contaminants as Small as 20 Microns



Cleans Floor



Cleans Walls



Cleans Stairs



Cleans Coves



Cleans Waterline



Suitable for All
Pool Shapes, Types
& Surfaces

Drive System	Twin Drive Motor Technology
Motors	3 High-Performance Motors
Scrubbing System	4 Heavy-Duty Scrubbing Wheels
Navigation System	Smart Z-Pattern Intelligent Navigation
Cable Length	30 m Floating, Tangle-Resistant Cable
Cable Adjustment	Adjustable up to 30 m



ULTRA STRONGER SUCTION

 Harpalyk



Dual PVC Brushes



Upgraded Motor System



Four-Wheel Drive



POOL TYPES

Suitable for:

- ✓ Above-Ground Pools
- ✓ In-Ground Pools
- ✓ Residential Pools
- ✓ Commercial Pools



POOL SURFACES

Compatible with:

- ✓ Tile (Large & Small Format)
- ✓ Vinyl
- ✓ Gunite
- ✓ Fiberglass



POOL SHAPES

- ✓ Works efficiently in virtually all pool shapes and configurations.



Rectangular



Round



Oval



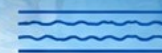
Kidney



L-Shaped



Freeform



Lap Pools



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ROBOTIC POOL CLEANER

professional pool cleaning-quick and easy



SMART NAVIGATION & PRECISION CLEANING

- ✓ Intelligent cleaning program optimizes cleaning routes
- ✓ Multiple cleaning patterns: Z-Shape Floor Cleaning, Cross-Pattern Cleaning
- ✓ Covers Pool floors, walls, stairs, and waterline areas
- ✓ Capable of climbing walls up to 6 feet high and handling complex pool geometries with ease.



HANDHELD FULL-FUNCTION REMOTE CONTROL

- ✓ Enables for targeted cleaning of problem areas



ROBOTIC 6TH SENSE TECHNOLOGY

- ✓ Multiple onboard sensors continuously monitor position, movement, and operating conditions to deliver intelligent cleaning with minimal human intervention.



SMART Z PROGRAMMING

- ✓ Advanced navigation technology ensures systematic and efficient cleaning by creating optimized cleaning patterns that maximize coverage while reducing cleaning time.



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Z-SHAPE FLOOR CLEANING

Efficient and thorough floor coverage



CROSS-PATTERN CLEANING

Deeper clean with multi-directional paths



WALL & STAIRS CLIMBING

Climbs walls and cleans stairs with ease



WATERLINE CLEANING

Effectively cleans waterline areas



MULTI-SENSOR SYSTEM

Smart detection for optimal performance



ROBO-DRESSEL

INDIA'S FIRST & ONE OF THE MOST
POWERFUL POOL CLEANING ROBOTS



WATERPROOF
RATING

IP68
(ROBOT)

IP26
(POWER CONTROL BOX)



MATERIAL

High-Grade ABS Engineering Plastic



COLOR

Light Blue



WATERPROOF RATING

IP68 (Robot) | IP26 (Power Control Box)



ADVANCED SAFETY & SELF-PROTECTION FEATURES



RIGHTS ITSELF
AUTOMATICALLY
WHEN INVERTED



AUTOMATICALLY
SHUTS DOWN AT THE
END OF THE CLEANING
CYCLE



IMPELLER STOPS
IF OBSTRUCTED BY
LARGE FOREIGN
OBJECTS



IMPELLER STOPS
WITHIN 1 SECOND
WHEN REMOVED
FROM WATER



AUTOMATICALLY
REVERSES AND
RE-ENTERS THE WATER
IF IT EXITS A
BEACH-ENTRY POOL



ROBOTIC POOL CLEANER

— PROFESSIONAL POOL CLEANING – QUICK AND EASY —



ENERGY & CHEMICAL SAVINGS

- ✓ Saves up to **94%** energy compared to traditional pool cleaning systems
- ✓ Reduces pool chemical consumption by up to **40%**
- ✓ No water drainage required after cleaning



AUTOMATIC OR REMOTE-CONTROLLED OPERATION

- ✓ Fully automated cleaning cycles
- ✓ Handheld remote control for targeted cleaning



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Unlike traditional cleaning methods, Robo-Dressel requires no water drainage after cleaning, helping **save water, time, and effort**.

Combining advanced navigation, powerful suction, and ultra-fine filtration, it delivers a complete pool-cleaning solution with exceptional performance, reliability, and value.



SMART NAVIGATION & PRECISE CLEANING

Intelligent navigation for efficient and thorough cleaning



POWERFUL SUCTION & ULTRA-FINE FILTRATION

Strong suction with ultra-fine filters captures fine debris and particles



SAFE FOR POOLS & POOL SURFACES

Designed to be safe on all pool surfaces including tile, vinyl & concrete



SAVES TIME, WATER & EFFORT

No water drainage required – saves time, water, and effort



RELIABLE PERFORMANCE & LONG-LASTING VALUE

Built for durability and consistent performance year after year

— SMARTER CLEANING. GREATER SAVINGS. CRYSTAL CLEAR POOLS. —



SMART. POWERFUL. RELIABLE.

POOL CLEANING ROBOT

Intelligent Cleaning. Effortless Performance.

Robo-Dressel Pool Cleaning Robot – Technical Specifications	
Category	Specification
Model Name	Robo-Dressel
Material	High-Grade ABS Engineering Plastic
Application	Residential & Commercial Swimming Pool
Color	Light Blue
Input Voltage	100–220V AC
Output Voltage	29V DC (via Power Controller)
Frequency	50–60 Hz
Rated Power Consumption	200 W
Power Source	29V Intelligent Power Control Unit
Waterproof Rating	IP68 (Robot), IP26 (Power Control Box)
Dimensions (L × W × H)	456 × 462 × 280 mm
Gross Weight (Per Set)	20 kg
Packaging Volume (CBM)	0.20 m ³

Cleaning Performance	
Parameter	Specification
Maximum Cleaning Area	Up to 1,800 m ²
Cleaning Speed	70–80 m ² /hour
Moving Speed	15 m/min
Water Filtration Rate	20,000 Liters/hour
Water Circulation Capacity	20 m ³ /hour
Cleaning Coverage	Floor, Walls, Waterline, Stairs & Coves
Maximum Wall Climbing Height	Up to 180 cm
Surface Compatibility	Tile, Vinyl, Gunite, Fiberglass
Pool Compatibility	Residential & Commercial Pools

Filtration System	
Parameter	Specification
Standard Filter Bag	70 µm Fine Filtration
Optional Fine Filter	20 µm Ultra-Fine Secondary Filter
Filtration Capability	Captures Debris Down to 20 Microns
Filtration Type	High-Capacity Multi-Stage Filtration

Drive & Scrubbing System	
Parameter	Specification
Drive System	Twin Drive Motor Technology
Motors	3 High-Performance Motors
Scrubbing System	4 Heavy-Duty Scrubbing Wheels
Navigation System	Smart Z-Pattern Intelligent Navigation
Cable Length	30 m Floating, Tangle-Resistant Cable
Cable Adjustment	Adjustable up to 30 m

Control & Operation	
Parameter	Specification
Control Method	Automatic / Remote Controlled
Remote Control	Full-Function Handheld Remote
Cleaning Modes	Floor Only / Wall & Floor Cleaning
Cycle Time Options	1 Hours / 2 Hours / 4 Hours
Timer Settings	3 Programmable Cleaning Schedules
Scheduling Function	Automatic Cleaning Reservation

Safety & Protection	
Parameter	Specification
Auto Shut-Off	Yes
Inversion Recovery Protection	Yes
Impeller Protection System	Yes
Low-Voltage Operation	29V DC Safe Operating System
Overload Protection	Integrated