



BALAJI ORIGIN MNC

PROVIDES CLEANING-
RELATED PRODUCTS AND
ADVANCED MACHINES



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About Us



→ Mission

Our mission at Balaji Origin MNC is to deliver innovative, reliable, and eco-friendly machinery solutions that enhance performance, minimize environmental impact, and provide lasting value, backed by uncompromising quality and complete customer support."

→ Vision

Our vision is to be a global leader in providing innovative, reliable, and eco-friendly machinery solutions that deliver superior performance, minimize environmental impact, ensure lasting value for customers, and set industry-leading benchmarks in quality, service, and support."



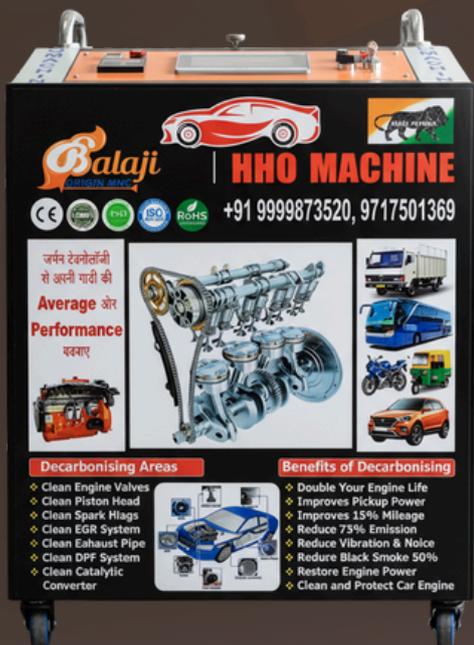


15000 CC Engine Carbon Cleaning Machine 4 kVA

Balaji Origin MNC offers Engine Carbon Cleaning Machine up to 15,000 CC with 4kVA, delivering powerful and efficient engine cleaning.

PRODUCTS SPECIFICATION

- Water Consumption : 0.5 L/h
- Maximum. Gas Output : 2000 Lph
- Carbon Cleaning Time : 15-40 minutes per Vehicle
- Application : Catalytic Converter, Head Valve, Piston Spark Plug, EGR System
- Power supply : 220-240,50Hz
- Motor Phase : Single
- Cooling Mode : Air Cooling
- Chemical Used : HHO
- Level of Automation : Fully Automatic
- Water Tank Capacity : 22 Lt
- Frequency : 50 Hz
- Rated Capacity : 4 kVA
- Power : 2 kW
- Motor Voltage : 220 V Titanium Plate Hybrid Cell



4000 CC Engine Decarbonizing Machine 1.5 kVA

Balaji Origin MNC provides 4000CC Engine Decarbonizing Machine with 1.5kVA power, ensuring efficient engine cleaning and performance boost.

PRODUCTS SPECIFICATION

- Water Consumption : 0.2 L/h
- Power : 1.5 kVA
- Cooling Mode : Air Cooling
- Chemical Used : HHO
- Maximum Gas Output : 800 Lph
- Carbon Cleaning Time : 15-40 minutes per Vehicle
- Application : Catalytic Converter, Head Valve, Piston Spark Plug, EGR System
- Motor Phase : Single
- Cooling Mode : Air Cooling
- Power supply : 220-240,50Hz
- Chemical Used : HHO
- Level of Automation : Automatic
- Motor Voltage : 220 V Titanium Plate Hybrid Cell
- Frequency : 50 Hz
- Rated Capacity : 1.5kVA
- Water Tank Capacity : 15 Lt



Engine Decarbonizing Machine Uptp 10000 CC 2 kVA

Balaji Origin MNC offers Engine Decarbonizing Machine up to 10,000CC with 2kVA, delivering powerful and efficient engine cleaning.

PRODUCTS SPECTIFICATION

- Water Consumption : 0.2 L/h
- Power : 2 kVA
- Maximum Gas Output : 1500 Lph
- Carbon Cleaning Time : 40 minutes per vehicle
- Application : Catalytic Converter, Head Valve, Piston Spark Plug, EGR System
- Motor Phase : Single
- Cooling Mode : Air Cooling
- Chemical Used : HHO
- Level of Automation : Fully Automatic
- Motor Voltage : 220 V Titanium Plate Hybrid Cell
- Frequency : 50 Hz
- Rated Capacity : 2 kVA
- Power supply 220-240,50Hz
- Water Tank Capacity : 20 Lt



20000 CC Hydrogen Engine Decarbonizing Machine 4 kVA

Balaji Origin MNC provides 20,000 CC Hydrogen Engine Decarbonizing Machine with 4kVA power, ensuring efficient engine cleaning and performance boost.

PRODUCTS SPECTIFICATION

- Water Consumption : 0.2 L/h
- Power : 4 kVA
- Maximum Gas Output : 1500 Lph
- Carbon Cleaning Time : 15-50 minutes per vehicle
- Application : Catalytic Converter, Head Valve, Piston Spark Plug, EGR System
- Motor Phase : Single
- Cooling Mode : Air Cooling
- Chemical Used : HHO
- Level of Automation : Fully Automatic
- Motor Voltage : 220 V Titanium Plate Hybrid Cell
- Frequency : 50 Hz
- Rated Capacity : 4 kVA
- Power supply : 220-240,50Hz
- Water Tank Capacity : 25 Lt



Car Engine Decarbonizing Machines 4 kVA

Balaji Origin MNC offers Car Engine Decarbonizing Machine up to 10,000CC with 4kVA, delivering powerful and efficient engine cleaning.

PRODUCTS SPECTIFICATION

- Usage/Application : Car
- Engine Suitability : 10,000 CC
- Maximum Gas Output : 2000 Lph
- Carbon Cleaning Time : 40 minutes per Vehicle
- Motor Phase : Single
- Power supply 220-240,50Hz
- Cooling Mode : Air Cooling
- Chemical Used : HHO
- Level of Automation : Fully Automatic
- Motor Voltage : 220 V Titanium Plate Hybrid Cell
- Frequency : 50 Hz
- Rated Capacity : 4 kVA
- Power supply 220-240,50Hz
- Water Tank Capacity : 20 Lt



Steam Csa Wash Diesel

Balaji Origin MNC offers Steam csa wash Diesel up to delivering powerful and efficient engine cleaning.

PRODUCTS SPECTIFICATION

- Burner - Flamco / Oxyflame/Ecoflame
- Fuel Pump - Snitch (Italy)
- Pressure Switch (Double System) (Italy)
- Brass Fitting - Heavy Duty
- Control panel - Electronic L&T/Schneider
- M.C.B. - L&T/Schneider
- Safety Valve heavy duty
- Body - Powder Coated matt black
- Crompton motor - 0.5H. P with brass pump
- Power Consumption : 300Watt
- Fuel Consumption : 1.5 to 2 Ltr/hr
- Water Consumption one car washing 6 to 8Ltr
- Full Automatic minimum 30 degree to
- Maximum 190-degree Temperature ON-OFF System
- Inner Cell Insulation with Glass wool, Cotton taps etc.
- Diesel Tank capacity 10Ltr under Body
- Water Tank Capacity 15Ltr under Body (optional)
- Testing Pressure 14Kg
- Moving well (Portable)
- Working Pressure 7-12 bar Optional (as a requirements)
- Steam drain option
- Power supply 220-240,50Hz



7000 CC Engine Carbon Cleaning Machines 2kVA

Balaji Origin MNC offers Engine Carbon Cleaning Machine up to 7000CC with 2kVA, delivering powerful and efficient engine cleaning.

PRODUCTS SPECIFICATION

- Usage/Application : Car
- Engine Suitability : 7000 CC
- Maximum Gas Output : 1000 Lph
- Carbon Cleaning Time : 15-40 minutes per Vehicle
- Motor Phase : Single
- Cooling Mode : Liquid Cooling
- Warranty : 3 Years
- Rated Capacity : 2 kVA
- Cooling Mode : Air Cooling
- Power supply 220-240,50Hz
- Chemical Used : HHO
- Level of Automation : Automatic
- Motor Voltage : 220 V Titanium Plate Hybrid Cell
- Frequency : 50 Hz
- Water Tank Capacity : 20 Ltr



AC Gas Recovery Machine

Balaji Origin MNC offers AC gas recovery machine delivering powerful and efficient engine cleaning.

PRODUCTS SPECIFICATION

- Usage/Application: Recovery and Recycling of AC Refrigerant Gas
- Suitable Refrigerants: R134a, R22, R404a, R410a (depending on model)
- Recovery Speed: 250 – 600 g/min (varies by model)
- Power Supply: 220V / 50Hz (Single Phase)
- Motor Power: 0.5 – 1.5 HP
- Cooling Method: Air Cooled
- Compressor Type: Oil-less, Hermetic
- Filter System: Built-in filter for moisture and impurities
- Operating Pressure:
- Low Side: 0 – 10 bar
- High Side: 0 – 35 bar
- Power supply 220-240,50Hz



Dpf Cleaning Machine

Balaji Origin MNC offers Dpf Cleaning Machine delivering powerful and efficient engine cleaning.

PRODUCTS SPECTIFICATION

- Model / Type : DPF Cleaning Machine (as specified)
- Supply voltage : 3-phase + T + N, 380 / 400 V AC (three-phase supply with protective earth and neutral)
- Washing / tank
- Inside washing capacity (filter chamber) : 1400 × 700 × 1300 mm
→ 55.12 × 27.56 × 51.18 in (W × D × H)
- Tank capacity : 1 × 200 L → ~52.83 US gallons
- Pumps / airflow
- Water pump : 3 hp (stainless steel 316) → ≈ 2.24 kW
- Pump flow rate : ~250 L/min → 15.0 m³/h → ≈ 66.04 US gpm
- Hose diameter : 2 in (50.8 mm)
- Filtration
- Filtration system : twin / serial, 25 μm & 50 μm (micro-filtration stages)
- Drying / blower / air
- Drying air flow : 400 m³/h → ≈ 235.43 CFM
- Drying temperature capability : up to 80 °C (176 °F)
- Blower : 7.5 kW → ≈ 10.06 hp
- Compressed air / pneumatic
- Air tank : 25 L at 10 bar → ≈ 362.10 in³ and 10 bar ≈ 145.04 psi
- Physical / mechanical
- Overall dimensions : 1800 × 1110 × 2000 mm → ~70.87 × 43.70 × 78.74 in (W × D × H)
- Weight : ~700 kg → ≈ 1543 lb
- Power supply 220-240,50Hz



AC Gas Recovery Machine

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3000cc Manual Machine

- Welcome to Balaji origin MncWe have Two model of the Engine Decarbonisation Machine as per Engine CC Requirements and vehicle
- 1- 100 cc-20000cc - This is 900 To 3000 LPH model ,This Model is Truly Design for Indian Cars and Garages
This model cleans all Engine which falls under 100-20000cc like all cars available in India and Travellor and mini buses
- 2- 100 cc-20000 cc Engine Model - This is 1500 to 3000LPH model ,This model cleans All Engine Available in Indian market Due to its wide range of Gas prod

PRODUCTS SPECTIFICATION

- Usage/Application : Car & Bicke
- Water Consmption : 2Hp
- Power : 1 kwh
- Carbon Cleaning Time : 15:30 minuts
- Power Supply: 220V / 240Hz-50H2
- Leval Of Manual
- Water Tank : 10 Ltr
- Titanium Plat Dry Cell



Green Hydrogen Technologies

Product Declaration

Balaji Origin MNC hereby declares the launch of its Green Hydrogen Production System (“GHPS”) – an advanced, sustainable, high-efficiency solution engineered to meet the growing global demand for clean energy. The GHPS embodies our commitment to green technology, carbon neutrality, and environmental stewardship, aligned with both international best practices and India’s regulatory framework including the MNRE Green Hydrogen Standard.

1. Environmental Performance & Emissions Standard

Our GHPS conforms to the definition of “Green Hydrogen” under India’s Green Hydrogen Standard, which limits well-to-gate emissions (including water treatment, electrolysis, purification, drying, compression) to not more than 2 kg CO₂ equivalent per kg H₂. We ensure all electrical inputs are sourced from 100% renewable energy through direct power purchase agreements or dedicated renewable generating capacity.

2. Purity, Safety & Quality Guarantees

Balaji Origin’s GHPS delivers hydrogen purity ≥ 99.999% (5.0 grade), with trace impurities (oxygen, moisture, carbon monoxide, hydrocarbons) held within industrially acceptable limits. Safety features include gas sensors, automatic shut-off valves, redundant monitoring, pressure relief devices, and emergency shutdown systems. All materials and components comply with relevant ISO, IEC and national standards for pressure vessels, piping, and safety.

3. Certification, Monitoring & Reporting

The system will undergo third-party verification under the Green Hydrogen Certification Scheme of India as per MNRE guidelines. Emissions, energy consumption, water usage, hydrogen yield, and system efficiency will be monitored continuously. Balaji Origin commits to transparent reporting: annual sustainability reports will present verified emissions, performance data, system maintenance, and continuous improvement measures.

4. Social, Governance, and Sustainability Practices

Balaji Origin ensures that all operations respect human rights, labor laws, and stakeholder engagement. We perform environmental and social impact assessments before deployment. Water resources are managed responsibly. Local community consultations are integral in site selection and capacity building.

CERTIFICATE





CONTACT US



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Thank You