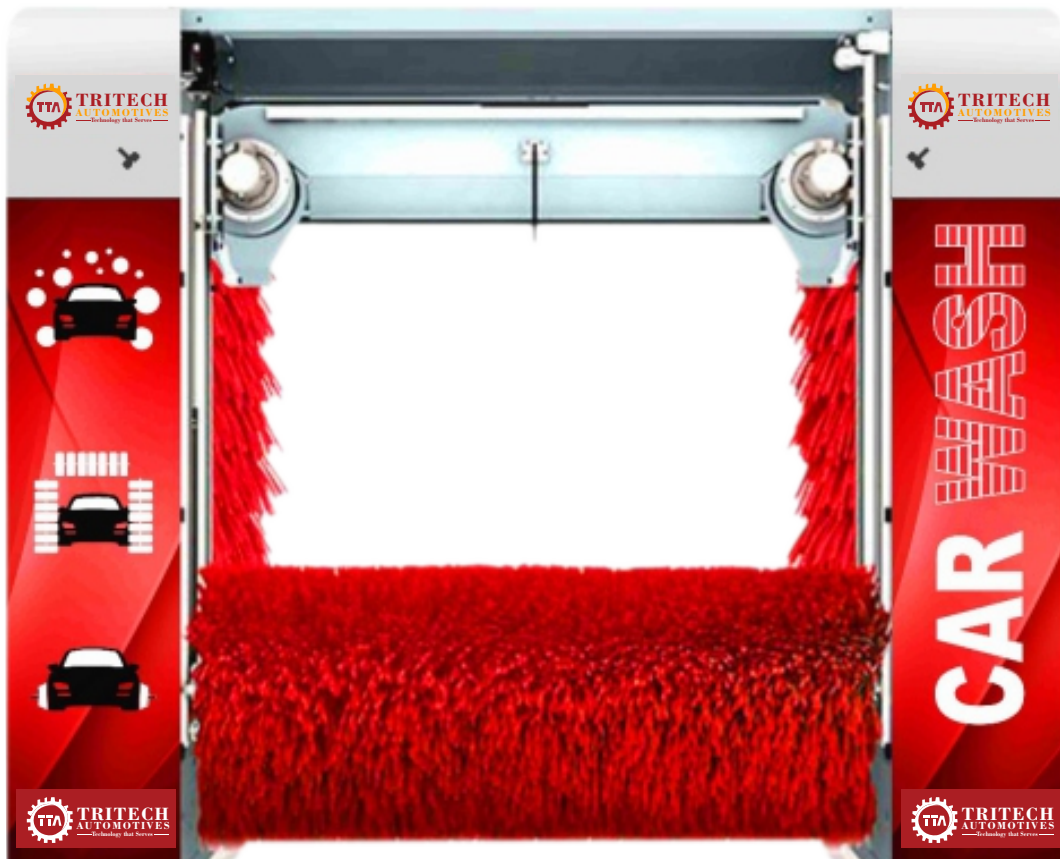




TRITECH AUTOMOTIVES

—Technology that Serves—

Professional Automotive
Equipments and service



www.tritechautomotives.com



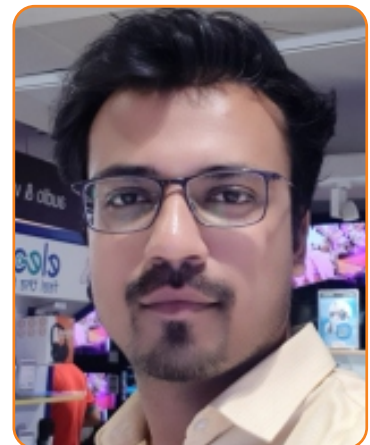
**"TRITECH AUTOMOTIVES " Automotive Equipments
For New Generation Workshops "**

|| ABOUT US ||

TTA is an ISO Certified Company Founded In 2020, with A Vision To Deliver Outstanding Equipments along With class leading service. Company develops complete solution with Advanced Equipments to Change the Way how Automotive Workshop Functions. Our Young Energetic Team With Experience In Different Aspects Of The Business Support Helps to Carry Forward the Vision of this Organization. Success for Our Clients Is our Company Priority that is why We Guide them Through the Whole Buying Process and Ensure Excellent Experience. We are named among the Leading Manufacturers, Developing Advanced Performance Oriented Automotive Equipments like Automatic Car Washing Plants, Water Recycling Plant, Car Elevator, Sewage Treatment Plant, Air Compressors, Commercial Vacuum Cleaner, Bike Wash System, High Pressure Systems and Many More. Our Company Operates on the Core Ethics of Integrity, Client Focus and Innovation. With Assistance of our Skilled and Highly Qualified Work force, we are able to Design Equipments as Per the Exact Needs of the Buyers .Our Products Have User Friendly Design, long Functional Life As Well As are Economical than Most of the Same Category Products Available in the Market.

|| ABOUT FOUNDER ||

Mr Suddipto Mandal (B.Tech in Instrumentation & control) started TRITECH AUTOMOTIVES with a vision to Create and deliver highly productive yet cost effective equipments that can change the face of Automotive Industry. Mr Suddipto Mandal has industrial experience of over 12 years working in this field and finally giving a shape of its own as Trittech Automotives to deliver outstanding quality along with best in segment service. We hereby pledge to continuously deliver outstanding products and service for our existing and new customers which can fulfill their goals and match thier productivity at all times.



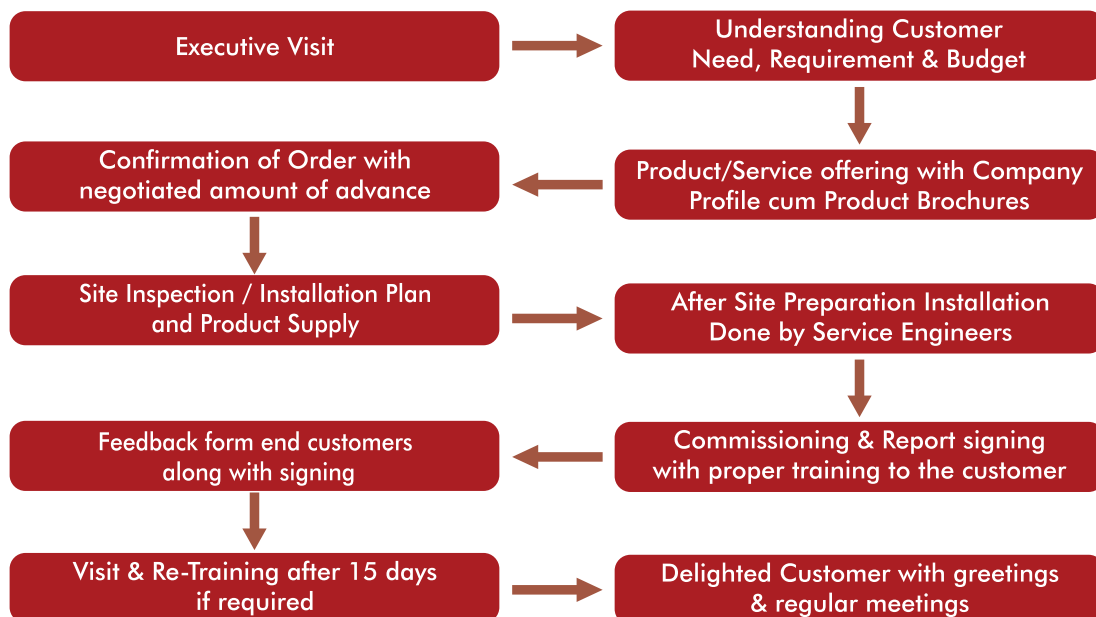
With Best Wishes
Suddipto Mandal
Founder & CEO.



OUR PRINCIPALS



|| BUSINESS MODEL ||



TTA Automatic Car Wash System

TTA Touchless Car Wash System an Inventive Solutions for Washing Equipment. The Touchless Car Wash Assuredly the finest equipment in India to serve best solution against manual washing. The TTA Touchless Carwash System does not use any brush to wash the car. Designed specifically for small, Medium & Premium Car sized in India, TTA Touchless Car systems Uses High Pressure Water Along With Foaming shampoo. The system is controlled by using PLC (Programmable Logic Controller), which can



control every activity such as time and steps of spraying process in order to get the optimum Results in short time. TTA Car wash is effectively work on challenging areas like car under chassis Area, Car Bonnet & Car Trunk area. We exhibits a consistent performance of our TTA Touchless Car Wash System. We are India's # No1 in Car Wash System with Effective, Excellence in Automotive Care. Authenticity & Secured product. Return of Investment in very small time spam.

Technical Specifications

MODEL	TTA - 0181
DIMENSIONS (L X W X H)-WITHOUT RAMP FOR STANDARD TYPE	7000 X 3800 X 3500 (MM)
DIMENSIONS (L X W X H)- WITHOUT RAMP FOR SQUARE TUBE	7000 X 3500 X 3200 (MM)
WATER CONSUMPTION	110-120 LTR/CAR
SHAMPOO CONSUMPTION	15-20 ML /CAR
WATER PRESSURE	20-22 BAR AT PUMP DELIVERY
AIR PRESSURE	6 BAR COMPRESSED AIR
POWER	415 V +/- 10 V, 50 Hz 63 AMP MCB
WASH CAPACITY	20 CARS/HR
CONTROL PANEL	PLC (PROGRAMMABLE LOGIC CONTROLLER)

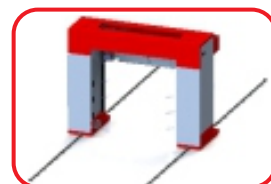
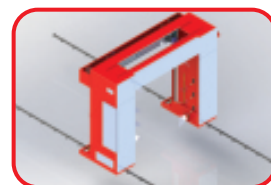
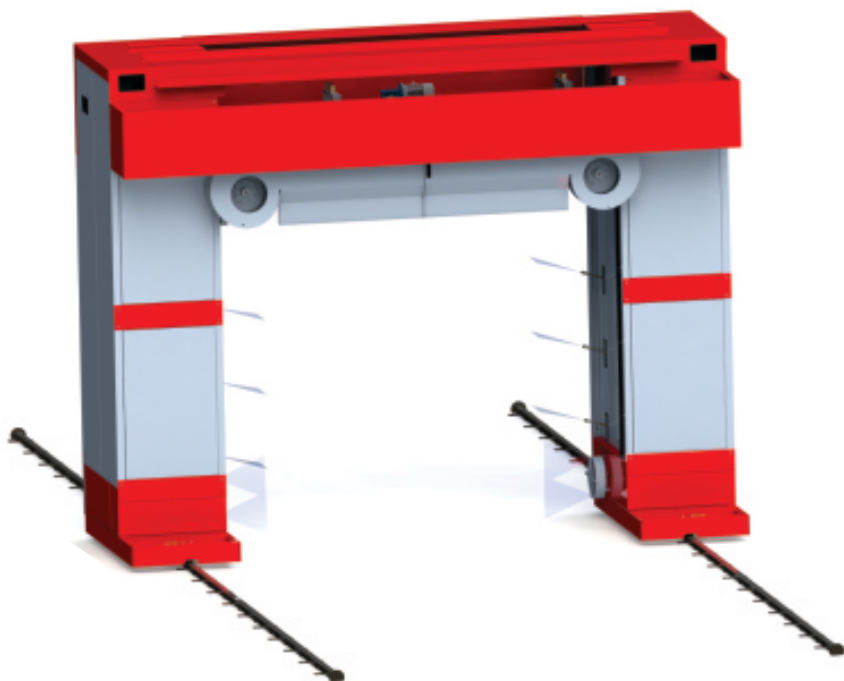


Touchless Jet Car Wash With Dryer | TTA

TTA (TJCWS) combines the action of three variable frequency drives to control the speed of linear motion, lateral movement, and spin. All of these controls, managed by advanced software, result in a highly effective and rapid touchless wash. This unique configuration means that the wash bay area is completely free of obstacles, and thus any type of vehicle can access it with ease and be washed by the user in complete safety. TTA combines the action of three variable frequency drives to control the speed of linear motion, lateral movement, and spin. All of these controls, managed by advanced software, result in a highly effective and rapid touchless wash, which also achieves significant savings when compared to other touchless systems. TTA is flexible, too, offering a choice of options including various chemical sprays, waxes, foams, on-board drying, etc...

TECHNICAL-SPECIFICATION

High Pressure Triple Ceramic Plunger Pump	42 Ltr/min
Nozzle Pressure	25 bar
Power Requirement	8 kw
Water Consumption per Vehicle	100 to 120 ltr
Washing Time Required	3.5 mints
Wheel Wash	Yes
Chemical Wash	Automatic
Dryer	Yes
Automation	PLC with HMI Control System
Under Washing	9 Oscillating Nozzle
Machine Structure	Hot Dip Galvanized & Powder Coating
Dimension LxWxH	6.8x2.2x2.6 mtr



Automatic Touchless Jet Car Wash

TTA Jet Wash uses the principle of high pressure water jets to displace dirt, grease and other foreign particles that get attached to the surface of the vehicle. Water droplets are compressed under pressure and ejected from a fine nozzle, giving it a very high kinetic energy. This kinetic energy when applied to the particle of dirt dislodges it from the surface and lets it flow down with the detergent. The result is a shining vehicle within no time at all.

Main Features

- Cost effective
- Compact design
- Long working Life
- Optimum operational efficiency

Advantage

- Low water consumption
- Less time per vehicle
- Very easy to operate
- Cost effective

Car Wash Works on five stage

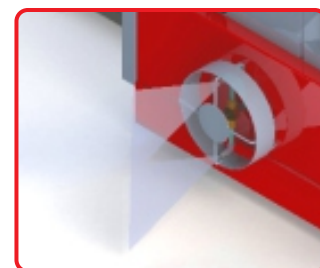
- Stage 1 Robotic Under Body Wash
- Stage 2 Pre Jet Wash
- Stage 3 Foam Spray & Wheel Wash
- Stage 4 Wax Spray
- Stage 5 Final Jet Wash





TECHNICAL-SPECIFICATION

High Pressure Triple Ceramic Plunger Pump	40 l/min
Nozzle Pressure	125 bar
Power Requirement	8 kw
Water Consumption per Vehicle	120 to 140 ltr
Washing Time Required	6 to 5 mints
Wheel Wash	Yes
Chemical Wash	Automatic
Automation	PLC with HMI Control System
Under Washing	9 Oscillating Nozzle
Machine Structure	Hot Dip Galvanized & Powder Coating
Dimension LxWxH	6.0x2.2x2.6 mtr





TRITECH
AUTOMOTIVES
—Technology that Serves—

Automatic Touchless Jet Car Wash

TECHNICAL-SPECIFICATION	
Machine Structure	Hot Dip Galvanized powder coating
Number of Brushes	3
Vertical Brushes	2
Horizontal Brushes	1
Brushes Pressure Sensing	Yes
Dryer	Automatic Profile Dryer
Power Required	18kw
Electrical Supply	415 V 50 Hz 3Phase natural with earthing
Wheel Brush	Yes
Control Programming	PLC programming
Control System	HMI pannel touch screen display
Washing Time Required	9 to 10 mints
Underbody Wash	9 Oscillating Nozzle
Pump Power	10hp
Power Consumption	2 Unit p/vehicle
High Pressure	40 I/M Triple Ceramic Plunger Pump
Profile Nozzle Pressure	150 bar
Dimension LxWxH	10x4x4 mtr



Fully Automatic Car Wash



Fully Automatic Wheel Wash



Profile High Pressure



India's First Profile High Pressure Fully Automatic Car Washer



AUTOMATIC BRUSH CAR WASHER

Product Description

The TTA -ZX rollover designed by TTA will exceed all your expectations. The elegant modular design of this new series sets a new trend while meeting all your automatic vehicle wash needs.

The new generation of rollovers stands out in so many ways: looks, mechanics, flexibility, and versatility. It has been created to satisfy the needs of the most demanding professionals in the wash world. What's more, this new series has a special quality which makes it different to anything the market has ever known before: its adaptability. The interior immediately appeals with its stylish modern design, which combines the latest technology and maximum reliability in the wash.

Main Features

- Compact design
- Long working Life
- Optimum operational efficiency

Advantage

- Low water consumption
- Less time per vehicle • Very easy to operate
- Cost effective

Car Wash Works on Six stage

- Stage 1 Robotic Under Body Wash
- Stage 2 Pre Jet Wash
- Stage 3 Foam Spray & Wheel Wash
- Stage 4 Brush Wash
- Stage 5 Wax Spray
- Stage 6 Profile Dryer

Car wash efficiency is more than a concept. It is the result of bringing together quality, technology and performance into a single design.

FLEXIBILITY

Configuration of programs

The flexible programming of the TTA Fully Automatic facilitates adaptation to Individual user needs. Different wash programs can be configured, speeds can be parametrised, chemical products can be dosed.

PERFORMANCE

TTA Fully Automatic High Pressures Brush Wash

A number of high pressure pre-wash options with a common goal: removing stubborn dirt from the vehicle body.

VERSATILITY

Available in different heights

Solid and compact structure available in four different wash heights

TECHNOLOGY

Controller

PLC with standardized modules and a flexible configuration for optional extras. The use off the profibus communication protocol enhances communication and reduces machine wiring and connections.

Command post

Allows all of the machine's external elements to be connected. Two viewer options: standard and color touch screen.

MECHANISM

Brush tilt

Accurate wash control thanks to 10° tilt of side brushes.

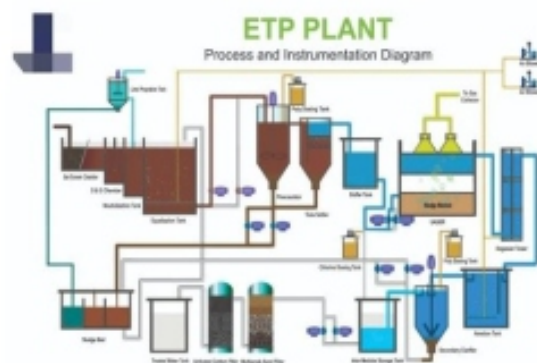


Water Recycling Technology

We Design, Manufacture, Supply, Erection and Commissioning ETP, STP, ZLD, on Turnkey basis for various types and natures of waste Waters, effluents which combines advanced physico-chemical treatment processes with tertiary polishing system for the removal of organic, inorganic, oil and grease, heavy metals & suspended solids.

Our Treatment systems are very compact, tailor made designs, portable required very less foot-print to accommodate, energy efficient. The up-gradation, modification in the existing Treatment system is possible to achieve desired limiting Standard laid down by the Pollution Control Board (PCB).

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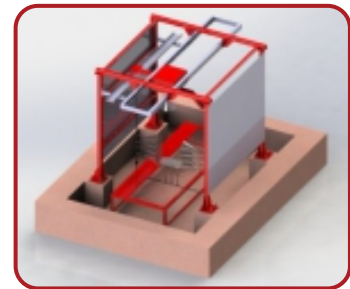
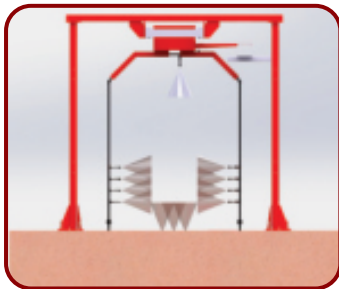
Car Elevator /Lift

The Car Lifts are very essential mode of transport used for the easy movement of cars and small vehicles across the floors of residential and commercial buildings, malls, hotels, hospitals and showrooms. Car Lifts are a significant part of high rise car parking. These Systems are customized to your building to allow quick entry and exit, providing safe operations with minimal noise and vibrations. No need to search for your car, or worry about forgetting where you parked. We offer automobile elevators of appropriate size with a load carrying capacity of 2.5 tons & above featuring operated doors. Our system provides ease of use with simple operations. We offer a very compact and gearless drive unit and hydraulic systems for Car Lift.





Automatic Bike Wash



Model No	TTA-ABW 20
Type	Automatic
Automation Grade	PLC Control
Water Consumption	70 Litres/Bike
Material	Hotdip Galvanized with Powder Coated
Air Pressure	9 bar
Phase	3 Phase
Voltage	420v
Electricity Req.	6 Kw
Electricity Consumption	1.5 unit/bike
Motor Power	7.5 HP
Water Pressure	150 bar
Pump	Triplex plunger pump
Type Of Vehicle	Two Wheeler
No of washing Cycle	3
Washing Capacity	70 bikes/day
Pre-Wash	Yes
Foam Wash	Yes
Area Req.	10w* 10H*10L in feet approx.
Dryer	Optional



Electric Steamer

The ideal place to start for those who are new to steam cleaning with all of the essential functions and convenience



TECHNICAL SPECIFICATION	TTA-9SW	TTA-12SW
Steam Temperature	160°C	230°C
Water Tank	10 Ltr.	10 Ltr.
Steam Pressure	7 bar	10 bar
Power	9 kW	12 kW
Voltage	220/415V	220/415V
Weight	70kg	70kg
Pre heating Time	7-8 Minutes	7-8 Minutes
Material	Stainless Steel/Powder Coated	Stainless Steel/Powder Coated

Compact Steam Cleaner



TECHNICAL SPECIFICATION	TTA-2SW
Steam Temperature	148 Deg C0
Water Tank	2.2 Ltr.
Steam Pressure	4 bar
Power	2000 watt
Voltage	230v
Weight	8.4kg
Pre heating Time	10 Mint
Material	ABS
Size	48x33x34cm



Steam Booster

Car Wash using just bit of water environmental friendly system, Wash & Wax Steam Booster systems produce nothing but steam meaning firstly that less water is used, the steam Booster system can clean a car using approximately 10litres of water, whereas a conventional power washing system uses closer to 100 liters of water per vehicle. The Steam Booster system allows every area of the vehicle be cleaned to a biological and forensic standard without leaving behind any waste water, foam or chemicals and meaning no disposal facilities or equipment are required

Safety Features:- Service Pressure Switch, Service thermostat, Safety Thermostat & Pressure Release Value.

TECHNICAL SPECIFICATION	TTA-26SW
Hose Length	10 Meters
Water Tank Capacity	26 Liters
Wax Tank Capacity	10 Liters
Diesel Fuel Capacity	10 Liters
Voltage Frequency	230v/50Hz
Electric Power Consumption	200W
Steam Generator	Diesel fires coil technology
Operating Temperature	80~90 C(170~203°F)
Preheating Time	Below 1 Minute
Water Consumption	600~1200cc/min(users can adjust)
Materials	Stainless Steel/Ms Powder Coating
Automatic Wax Mixing Device	(on/off function with time control)
Weight	120 kg
Dimension LxWxH	38x25x33 Cm



Steam Booster Car Washer



TECHNICAL SPECIFICATION	TTA-15SW
Hose Length	10 Meters
Water Tank Capacity	15 Liters
Wax Tank Capacity	10 Liters
Diesel Fuel Capacity	10 Liters
Voltage Frequency	230v/50Hz
Electric Power Consumption	200W
Steam Generator	Diesel fires coil technology
Operating Temperature	100~150 C(170~203°F)
Preheating Time	Below 1 Minute
Water Consumption	600~1200cc/min(users can adjust)
Materials	HDPE Body
Automatic Wax Mixing Device	(on/off function with time control)
Weight	85 kg
Dimension LxWxH	85/60/85 Cm



Steam Gun



Steam Hose



Hot Wax



Steam Gloves



Hot and Cold High Pressure Equipment

This Commercial High Pressure Hot Water cleaner is ideal to use in Automobile, Hospitality, Engineering Industry etc to De-Grease only surfaces and stubborn scales. The use of the hot water combined with high pressure successfully removes the most toughest of dirt and muck. Extremely efficient for washing of any vehicles (trucks, buses, automobiles, house vans, motorcycles, trains) mechanical parts, oil and wine silos, any industrial floor, parking areas, roofs, external walls etc.

TECHNICAL SPECIFICATION	TTA-5HP	TTA-7.5HP
Operating Pressure	170 bar	200 bar
Flow Rate	13L/Min	15L/Min
Inlet Water Temp	0 to 150 Celsius	0 to 150 Celsius
Electric Motor	5HP	7.5HP
Power	415V	415V
Weight	110 Kg	150 Kg
Standard Accessories	10 mtr. Hose/Gun/ Insulated Gun with Lance	10 mtr. Hose/Gun/ Insulated Gun with Lance

Hot and Cold High Pressure



Hot & Cold machine manufacturing & customized as per required SPECIFICATION.

Plunger Pumps Water Jet Cleaning Machine

TECHNICAL SPECIFICATION	
Brand	TTA
Power	25-40 HP
Water Flow	15-25 Lpm
Speed Rpm	1450
Phase	3 Phase
Bar	350-500
Voltage	420V
Stater	Star Delta
Base	Trolley Mount



High pressure jetting machine manufacturing & customized as per required SPECIFICATION.

Which is used to remove mold, grime, dust, mud and dirt from of various objects such as buildings, concrete road surfaces and many more industrial applications.



Nitrogen Tyre Inflator



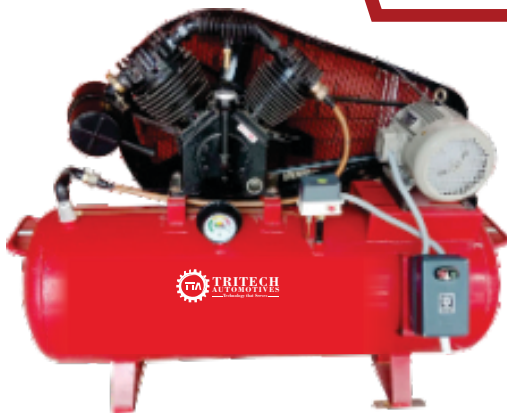
Main Features

- Fastest N2 Generator
- Maximum Purity With Inbuilt Tank
- Large & Bright Display
- Suitable for Car, SUVs & LCVs

Technical Specifications

Model No.	TTA -N2
Recomm. Input Pressure	8-12 kg/cm ²
Purity of Nitrogen	95-99%
Storage Tank Size	70 Ltrs
N2 Generating Capacity	2000-4000 lph
Compressed Air Pressure Required	<12 Bar
Nitrogen Output	66L/min@8-12 Bar
Weight	170 Kg
Power Supply	230V/50 Hz
Vehicle Application	Bus, Truck, HCV
Power	200-400W

Air Compressor



AIR COMPRESSOR

Product Description

TTA offering best quality, More efficient and reliable Air Compressor.

Main Features

Double stage air compressor
Highly efficient with durable metal Sheet.

Technical Specifications

Model No.	TTA -300	TTA -500	TTA -7500
Power (HP)	3	5	7.5
Compressor (RPM)	975	710	975
Tank capacity (ltrs.)	160 & 200	250	250
Working pressure (kg/cm ²)	12	12	12
Free Air delivery (LPM)	263	390	536
No. of cylinders	2	2	2
Power supply	220V AC, 1 Phase or 380-415V AC, 3 Phase, 50Hz		



High Pressure Car Washer Pumps

Three piston ceramic plunger pumps for cleaning units & industrial system. TTA clean supplies high quality high pressure pumps along with advanced cleaning equipments and environmental friendly chemicals.

Motor Power	3HP	5HP	7.5HP	10HP	15HP	20HP
Phase	Single	Three	Three	Three	Three	Three
Voltage	230V/415V	415V	415V	415V	415V	415V
Output (l/min)	12Ltr.	12Ltr.	15Ltr.	15/20Ltr.	20Ltr.	21Ltr.
Pressure (bar)	140	170	200	250/200	300	350
RPM	1450	1450	1450	1450	1450	1450
Actual Weight (kg)	40	45	70	90	90	190
Starter	Dual	Dual	Dual	Dual	Delta	Delta
Body Cover	SS/MS	SS/MS	SS/MS	SS/MS	SS/MS	SS/MS
Stand Type	Trolley/Wall	Trolley/Wall	Trolley/Wall	Trolley	Trolley	Trolley

- Solid ceramic plungers.
- Stainless steel check valves.
- Heat Treated crank shafts.
- High strength bronze or aluminum alloy connecting rods.
- Increased work efficiency and maximized the work output.
- Heavy duty forged brass manifolds



Wall Hanging High Pressure Washer



Trolley Based High Pressure Washer



Heavy Duty High Pressure

High Pressure Accessories



360° Wash Boom



Lance holder



Lance



Foam/Wax Bottle Holder



Foam Gun with Quick Connect



Foam Lance



Hose Pipe



Accessories Tray Holder



Vacuum Cleaner



The multi-purpose range of vacuum cleaners are ideal for interiors of the car workshop, garages and outside areas. An intelligent machine design that is energy efficient and optimized for maximum performance in all the applications.

SPECIFICATIONS	VC-15WD	VC-30WD	VC-70WD	VC-80WD
Function	Dry & Wet	Dry & Wet	Dry & Wet	Dry & Wet
Capacity	15L	36L	70L	80L
Vacuum suction	180m bar	230m bar	250m bar	280m bar
Air flow rate	42L/s	53L/s	106L/s	106L/s
Rated voltage	220V	220-240V	220-240V	220-240V
Tank diameter	345mm	345mm	440mm	440mm
Hose diameter	36mm	38mm	40mm	40mm
Packing size (cm3)	43*43*81	63*56*99	63*56*108	63*56*108

Upholstery Cleaners



TTA-27UC

TECHNICAL DATA	TTA-27UC
No. of Motor	1
Maximum (Watt)	1200
Supply (Volt/Hz)	220-250
Suction (mm H ₂ O)	210
Air flow (m ³ /hr)	48
Container Tank (Ltr)	27
Detergent Tank (Ltr)	0.8
Pump	2(Bar)
Weight (Kg)	15

TTA-30UC

TECHNICAL FEATURES	TTA-30UC	TTA-40UC
No. of Motor	1	1
Stage	Double	Double
Voltage (V)	220-240	220-240
Frequency (Hz)	50/60	50/60
Cooling	by pass	by pass
Power max (W)	1400	1400
Power (W)	1200	1200
Water lift (mm H ₂ O)	2400	2400
Air flow (m ³ h)	230	230
LPA sonorus 3mt [dB(A)]	60	60
Total tank capacity (ltr)	30	30
Capacity pump (HP)	0.8	0.8
Pump (bar)	2	2
Pump (W)	48	48
Detergent Tank (ltr)	10	10
Weight (Kg)	18	20

TTA-40UC

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Private Sector



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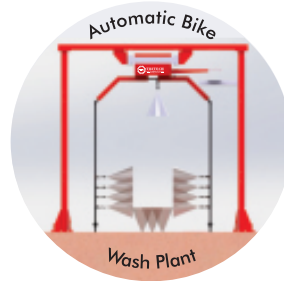
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Website : www.tritechautomotives.com



Vacuum Cleaner



Upholstery Cleaner



High Pressure Washer



High Pressure Washer



Electric steam Cleaner



Diesel Steam Cleaner



Car Wash With Dryer



Automatic Bike Wash Plant



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