



CALL US

+91-9831622820

+91 9836273711

+91 9804970807

VISIT US

P41 - PRINCEP STREET

1st Floor, Room 115 & 123

Kolkata - 700072

GARAGE EQUIPMENT

Empowering Workshops with World-Class Solutions

Jai Trading Company, a trusted name in the automotive service industry, is proud to be an **authorized dealer of ATS ELGI**, India's leading manufacturer and global supplier of garage equipment. Together, we bring to market a comprehensive and cutting-edge range of equipment designed to meet the evolving needs of workshops, service stations, dealerships, and vehicle OEMs.

Our product portfolio-powered by ATS ELGI's engineering excellence -

includes advanced solutions in:

Lifting Systems

Wheel Service Equipment

Body Shop Solutions

Washing and Lubrication Equipment

Vehicle Diagnostics

Mobile Service Units

Special Tools & Accessories

This brochure offers a concise overview of the world-class garage equipment and service solutions available through Jai Trading Company. Whether you're establishing a new facility or upgrading an existing one, we are committed to guiding you with the right solutions to boost your workshop's productivity, safety, and professionalism.

With **Jai Trading Company's on-ground experience and ATS ELGI's technological innovation**, you gain access to reliable, efficient, and future-ready service infrastructure.



Complete Support





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Lifting Equipment

Two Post Hydraulic Lift - Clear Floor

Technical Specification

Lifting Capacity : 4 Ton
Electrical Power : 3 HP, 415 V, 3 Ph
Max. Lifting Height : 1800 mm
Min. Lifting Height : 115 mm
Lifting Time : 55 sec

Special Features*

- Base free design for better convenience, to work beneath the vehicle
- Symmetric column design for more drive through clearance
- Arm locking mechanism on each arm
- Rubber pads for door opening protection



Two Post Hydraulic Lift - C €

Technical Specification

Lifting Capacity : 4 Ton
Electrical Power : 3 HP, 415 V, 3 Ph
Max. Lifting Height : 1800 mm
Min. Lifting Height : 115 mm
Lifting Time : 55 sec

Special Features*

- Base free design for better convenience, to work beneath the vehicle
- Separate power panel to avoid electrical hazards
- Hose Burst Valve to prevent damage of hose/crimping end failure



Two Post Hydraulic Lift - Clear Floor 4.5Ton

Technical Specification

Lifting Capacity : 4.5 Ton
Electrical Power : 3 HP, 415 V, 3 Ph
Max. Lifting Height : 1800 mm
Min. Lifting Height : 115 mm
Lifting Time : 55 sec

Special Features*

- Base free design for better convenience, to work beneath the vehicle
- Symmetric column design for more drive through clearance
- Arm locking mechanism on each arm
- Separate power panel to avoid electrical hazards



Two Post Hydraulic Lift - With Base

Technical Specification

Lifting Capacity : 4 Ton
Electrical Power : 3 HP, 415 V, 3 Ph
Max. Lifting Height : 1800 mm
Min. Lifting Height : 115 mm
Lifting Time : 45 sec

Special Features*

- Gantry free design enables to service high raised vehicle.
- Symmetric column design
- Arm Restraints on each arm



* Manual lock releases system on each column



Lifting Equipment

Wheels Free Scissor Lift

Technical Specification

Lifting Capacity : 3 Ton
Electrical Power : 2 HP, 3 HP, 1440 rpm
Max. Lifting Height : 1700 mm
Min. Lifting Height : 200 mm
Lifting Time : 45 sec

Advantages

- Easy to mount and dismount wheels
- Ideal for pre-delivery inspection bay
- Air Control locking mechanism for safety



Double Scissor Lift

Technical Specification

Lifting Capacity : 3 Ton : 1900 mm
Max. lifting height : 112 mm
Min. lifting height : 569 mm : 50 sec
Width of the platform : 1455-1900 mm
Lifting Time : 1900 mm
Length of the platform



Special Features

- Occupies less space when compared to Two Post Lift & Single Scissor Lift
- Convenient to work all around the vehicle when compared to Two Post Lift and Single Scissor Lift
- Extendable Platform, supports longer wheel base vehicles also
- Suitable for both On-ground and In-ground installations
- 112 mm thin platforms enable lifting of low ground clearance vehicles
- Easy vehicle manoeuvrability with In-ground installation
- Optional adaptors to lift SUV & Chassis type vehicles

Wheel Alignment Scissor Lift

Technical Specification

Lifting Capacity : 4 Ton
Electrical Power : 3 Ph, 440 V
Max. Lifting Height : 2160 mm
Min. Lifting Height : 290 mm
Lifting time : 60 sec

Special Features

- Suitable for both On-ground and In-ground installations
- Mechanical Lock assures safe operation
- Over Load Valve, prevents lift malfunction from hydraulic pressure
- Audio Alert during final lowering



Four Post Lift

Technical Specification

Lifting Capacity : 4 Ton
Electrical Power : 3 HP, 3 Ph, 415 V
Max. Lifting Height : 1750 mm
Min. Lifting Height : 190 mm
Lifting Time : 40 sec



Special Features

- Extra wide platforms to accommodate all types of passenger cars, SUV & LCV
- Adjustable Ratchet Rails for ratchet unlock
- Rear Slip Plates for rear wheel alignment
- Jack Beam for wheel free operations like wheel balancing, tyre changing etc.



Lifting Equipment

Washing Hoist

Technical Specification

Lifting Capacity : 4 to 8 Ton
Operating Pressure : 9 to 12 kg/cm² (4 T/ 8 T)
 : 12 to 16 kg/cm² (16 T)
Max. Lifting Height : 1500 mm (4 T/ 8 T)
 : 1525 mm (16 T)
Lifting Time : 45 sec

Special Features

- High Grade Steel Plungers with Chrome Plating to avoid wear-off
- Uniquely Designed Wiper Rings to prevent entry of water and dirt
- Heavy - Duty Rigid Ramps to accommodate wide range of vehicles



Washing Hoist - Ramp type

Technical Specification

Lifting Capacity : 3.2 Ton
Operating pressure : 9 to 12 kg/cm²
Max Lifting Height : 1500 mm
Lifting time : 45 sec

Special Features

- Platforms with integrated ramp, lifts the vehicle with wheels quickly, which saves time and increases productivity
- High Grade Steel Plungers with Chrome Plating for wear-off resistance
- Uniquely Designed Wiper Rings to prevent entry of water and dirt



Washing Hoist - PU16 Hydraulic

Technical Specification

Lifting Capacity : 16 Ton
Operating Pressure : 13 kg/cm²
Max. lifting height : 1500 mm
No. of plunger : 2 nos
Lifting Time : 45 sec

Special Features

- Suitable for both Indoor & Outdoor installations
- Side Rail Arm Assembly can be provided for easy mounting of vehicles, on the heavy duty ramp
- Uniquely Designed Wiper Rings to prevent entry of water and dirt particles in to the hoist cylinder



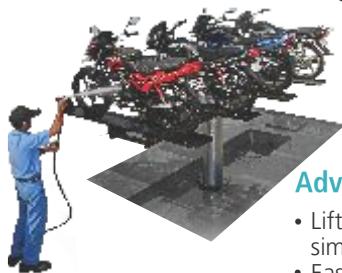
Two Wheeler Washing Hoist

Technical Specification

Lifting Capacity : 1 Ton
Operating pressure : 7 kg/cm²
Max Lifting Height : 1500 mm
Lifting time : 45 sec

Advantages

- Lifting and Washing 4 nos of two wheelers simultaneously
- Easy access to all parts of vehicle
- Reduces operation time & improves productivity
- Enables minimum and efficient use of water





Lifting Equipment

Mobile Column Lift

Technical Specification

Lifting Capacity : 7.5 Ton / column
Electrical Power : 3Ph, 2.2 kW, 415 V
Max. lifting height : 700 mm
Wheel Size : 280 - 580 mm
Lifting Time : 120 sec

Special Features

- Splash Proof Power Supply
- Synchronization System Self-Error Diagnostic Functions
- Equipped with remote control and each column has LCD Display



Aqua Lift



Technical Specification

Operating Pressure : 12.5 bar
Lifting Capacity : 3.5 Ton
Lifting Height Cross : 1860 mm
Over Height : 60 mm
Support Piston Dia : 210 mm
Installation Depth : 2498 mm
Lifting/Lowering Time : 40 sec

Advantages

- Eco Friendly with high safety standards
- Easy Installation and Operation
- High Durability and Low Maintenance Costs

Two Wheeler Lift

Technical Specification

Lifting Capacity : 180 kg
Operating Pressure : 6 kg/cm²
Lifting Height : 765 mm
Minimum Closed Height : 250 mm
Lifting Time : 12 sec

Advantages

- Suitable for all Two Wheeler repairs
- Easy to mount and dismount two wheelers
- Rugged and Durable



Workshop Crane

Technical Specification

Max. Lifting Height : 2650 mm
Lifting Capacity : 1 Ton
Arm extension : 1600 mm at 500 kg

Advantages

- Excellent load bearing capacity
- Smooth functioning
- Easy to manoeuvre
- High abrasion and corrosion resistance
- Sturdy and durable design





Wheel Service Equipment

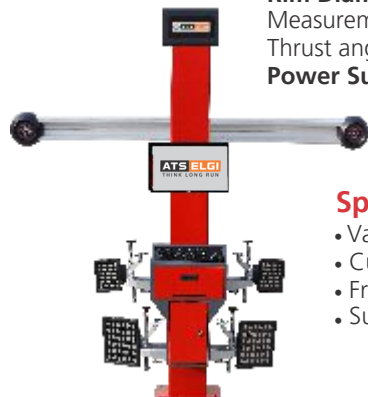
3D Wheel Aligner

Technical Specification

Rim Diameter : 11" to 24"

Measurement of Caster, Camber, SAI, TOE, Setback, Thrust angle and Axis deviation

Power Supply : 1 Ph, 230 V, 50 Hz



Elegant - SP

Special Features

- Variable Height Camera Support
- Custom Vehicle Specifications
- Front / Rear / All / Zoom Readings
- Suitable for Pits, Ramps and Lifts

2D Wheel Aligner

Technical Specification

Rim Diameter : 12" to 19"

Measurement of Caster, Camber, SAI, TOE, Setback, Thrust angle and Axis deviation

Power Supply : 1 Ph, 230 V, 50 Hz

Special Features

- Swing Arm Display Mechanism for assisting from pit / floor
- 1 min Accuracy on Camber and Toe
- Light weight Sensor
- Long battery life



Align - XP

Truck Wheel Aligner

Technical Specification

Rim Diameter : 12" to 24"

Measurement of Caster, Camber, SAI, TOE, Setback, Thrust angle and Axis deviation

Power Supply : 1 Ph, 230 V, 50 Hz



G15

Special Features

- Suitable for Car, LCV, Truck & Bus wheels
- Wide angle cameras eliminate the use of electronic turn plates
- Step by step measurement procedure up to 7 axles
- Handy and easy to use extremely light weight sensors
- Solar filter for outdoor use in sun-exposed areas
- Fast Caster Swing and can adjust two axles in one screen



Wheel Service Equipment

Digital Wheel Balancer



DWB - SP

Technical Specification

Balancing Accuracy: 1g
Rim Diameter: 10" - 24"
Rim width: 1.5" - 20"
Max Wheel Dia: 100 mm
Max Wheel Weight: 6 kg
Power Supply: Ph, 230 V, 50 Hz



Motorcycle Wheel Balancer
DWB - MC



Optional Accessory Adapter for Motorcycle

Special Features

- Optimization program for Tyre & Rim unbalance
- Automatic minimization of static unbalance
- Suitable for Cars & Motorcycles

Video Graphic Wheel Balancer



VWB - SP

Technical Specification

Balancing Accuracy: 1g
Rim Diameter: 10" - 25"
Rim width: 1.5" - 20"
Max Wheel Dia: 200 mm
Max Wheel Weight: 6 kg
Power Supply: Ph, 230 V, 50 Hz

Special Features

- LCD Display Featured with direct viewing and visual Pedal Brake System
- 40 mm Universal balance shaft for better accuracy
- Automatic minimisation of static unbalance

Truck Wheel Balancer

Technical Specification

Balancing Accuracy: 1g PV / LCV, 10 g HCV
Rim Diameter: 10" - 26"
Rim width: 1.5" - 20"
Max Wheel Dia: 300 mm
Max Wheel Weight: 200 kg
Compressed Air Supply: 8-10 bar
Power Supply: Ph, 230V, 50 Hz



FT10M

Special Features

- Suitable for Car, LCV, Trucks & Buses
- Program options include STATIC, ALU S, SPLIT, USER control
- Self Diagnosis and Calibration
- Motorized wheel balancer for truck and car wheels with electronic measuring system and high brightness data digital display
- Manual lever brake
- The built-in pneumatic lift (equipped with safety device) is a "soft action type" lift which facilitates the operator to lower the wheels by few millimeters, using his own force



Wheel Service Equipment

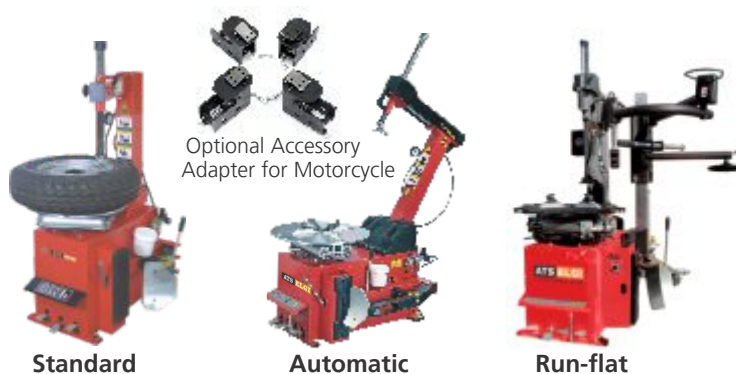
Tyre Changer

Technical Specification

	Standard	Automatic	Run Flat
External Clamping	10" -	10" - 20"	10" -
Max. Tyre Clamping	18" 12"	12" - 23"	20" 12"
	- 28"	41"	- 24"
Working Pressure	8-10 bar	8-10 bar	8-10 bar

Special Features

- High torque and larger diameter, facilitates turning the wheel in clockwise and anti clockwise direction
- Handles both standard wheels and delicate alloy wheel
- Tilt-back arm design in automatic machine



Truck Tyre Changer



Technical Specification

Internal Rim clamping	: 14" - 26"
Max. Wheel Dia.	: 59"
Max. Wheel width	: 30"
Operation	: Electro-Hydraulic

Special Features

- Self - centering hydraulic chuck for clamping
- Suitable for both tube and tube-less tyres

Jumbo Tyre changer

Technical Specification

Internal Rim clamping	: 14" - 56"
Max. Wheel Dia.	: 86"
Max. Wheel width	: "
Operation	: Electro-Hydraulic
Compressed Air Supply	: 6" - 10 bar

Special Features

- Tool head can rotate by 360°
- Tool arm with the automatic tilt-back function
- The jaw has 3 positions to mount the tyre, making the operator to mount or dismount the tyre conveniently





Wheel Service Equipment

Tyre Inflator



Sleek : Floor mounted model
ECO : Wall mounted model

Technical Specification

Operating Pressure : 0-140 psi
Display Resolution : 1 psi
Measuring Resolution : ± 0.1 psi

Special Features

- Backlit LCD display
- Auto cut-off at pre-set pressure

Nitrogen Tyre Inflator

Technical Specification

Operating Pressure : 0-140 psi
Display Resolution : 1 psi
Measuring Resolution : ± 0.1 psi

Special Features

- Large LCD display for better viewing
- 95 to 97% Pure Nitrogen
- Air-Nitrogen dual mode
- Inflation counter for tyre filling management



Bead Bazooka

"Fill the tank, Aim the bead, Blast the air"

Unique Air release technology for seating tyre beads of all types of tubeless tyres in seconds



BB9L

Technical Specification

Suitable for HCV, LCV, SUV & Car
Volume : 9l and 10 bar pressure
Weight : 6.5kg



BB6L

Technical Specification

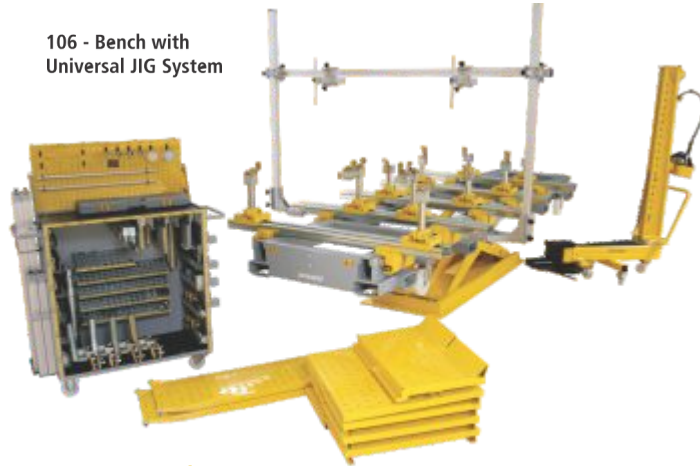
Suitable for Motorcycle, Car, SUV & LCV
Volume : 6l and 10 bar pressure
Weight : 5.5kg



Body Shop Equipment

Crash Repair System

106 - Bench with Universal JIG System



Technical Specification

- Bench on wheels with scissor lift - 5 Ton capacity
- Vertical pulling tower with true 10 Ton capacity
- Drive on ramps
- Universal JIG system for vehicles with chassis & with out pinch welds
- In-built measuring system
- Win-star s/w for OEM vehicle data.

Advantages

- Suitable for all types of Passenger vehicle crashes
- Highly accurate and precise in repairing, both monocoque and chassis vehicles



Quick Bench DT

Special Features

- Direct clamping, no need to raise the vehicle
- Repairs minor and medium crashes
- Vertical pulling tower
- Automatic locking pulling tower
- Automatic height adjustment of bench for inserting pulling tower

Touch Electronic Measuring System

Description

- Extreme rapidity without any adaptors
- Quick equipment positioning time
- Can be used on any Lift/Bench
- Diagnosis & measurement report within 10 mins
- Measuring while pulling with a single adaptor - FOLLOW ME Kit
- Can measure all mechanical parts, suspension bars and wheel alignment





Body Shop Equipment

Paint Booth with Energy Saving System



Energy Saving System (ESS)

- 60% Diesel saving
- 80% Power saving during baking cycle

Models

- 6.75m and 7m
- Civil Base available

Advantages

- Higher thermal efficiency
- Specially designed for low running costs
- Safest panel board operations with auto cut-off
- Upgradable for water borne paints

Description

- Sandwich panel with better thickness and density
- Air Velocity - 0.2 m/s as per International Standards for better paint finish
- Stainless Steel Double Pass Heat Exchanger
- Rust proof panels, pre-coated inside and outside



Accelerated Air Flow

Special Features

- Power absorption - 0.25 kW per unit
- Air velocity at each nozzle end
- Can be used for drying both water borne and solvent based paints
- Certified flame proof motor

Advantages

- Reduces flash time & dries paint faster
- Low running costs
- Suitable for all paint booths available in the market
- Automatic door opening, avoids accumulation of paint fumes on the unit
- Each unit can be controlled separately

Prep Station

Special Features

- Prep station with down draft
- Metal basement with In-built ramps
- Motor power - 5.5 kW
- Inner dimension 6.3m(L)X3.6m(W)X2.6m(H)
- Polyurethane (PU) panels
- Blower capacity 18000m³/hr

Advantages

- Compact design
- Suitable for quick repairs
- 4 Levels of filtration



*Prep station with 3 side curtains available



Body Shop Equipment

Panel Repair System

Technical Specification

Voltage : 230 V

Max Current : 2.4 kA

Min Current : 0.6 kA

Comes with sliding Hammer,
Pullers, Inno Pullers & Welding Bits

Advantages

- Repairs new generation steels without disturbing their structural integrity
- Low investments
- Repair area being minimal, ensures faster repair by **Flatliner** optimizing the painting area and the use of body fillers, sanding etc.



Rapid Denter

Technical Specification

Voltage : 1Ph, 220 V

Max Current : 1.2 kA

Dimension : 720mm(L) X 780mm(W) X 1050mm(H)
One side welding thickness

Special Features

- Spotter with 100% copper windings
- Heavy duty cycle
- Single side spot gun with shrinking, washer welding, wavy wire etc.
- Claw puller and Quick puller for removing all types of dents

Infrared Dryer

Technical Specification

Temperature : 40°C – 70°C

Curing Area : 1200mm (L) X 1000mm (W)

Lamp : 3 nos X 1100 W

Power Consumption : 3.3 kW / hr

Special Features

- Automatic distance sensing
- Low running costs
- Individually controllable lamps
- Quick drying with P300s, preventing Puffs
- LED display electronic timer and power setting



Portable Dust Extraction System



Technical Specification

Voltage : 230V / 50 HZ

Power Absorption : 1.1 KW

Suction Capacity : 2.6 m3/min

Tank Capacity : 40 L

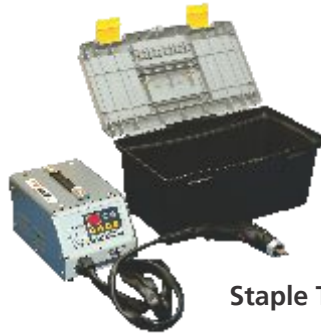
Advantages

- Automatic on-off Motor.
- Simultaneous usage of dual sanders
- Long running filters ensure low running costs



Body Shop Equipment

Plastic Repair Kit



Staple Type

Technical Specification

Input Voltage	: AC 220V
Output Current	: 5A-30A
Weight	: 4.8kg
Measurement	: 250mm(L)X 180mm(W) X 135mm(H)

Advantages

- Repairs cracks at inside corners, curved areas and other complex shapes
- Repairs multiple cracks and broken rigid plastic
- Cutting off staple legs
- Polishing of Surface

Repairs big plastic parts of an automobile very efficiently and effectively



Adhesive Type

Paintless Dent Removal Kit



Glue Puller

Special Features

- Repairs minor dents effectively and quickly
- Low investment

Technical Specification

Input Voltage	230 V
Power	: 1 kW
Power Factor	: > 0.95
Weight	: 1.3 kgs
Dimensions	: 210mm(L)X110mm(W) X115mm(H)

Special Features

- Portable & Handy
- Auto cut off
- Audio Alert
- Time and Power Adjustment
- Built in Protective system to avoid equipment malfunctioning
- Application - Fixing soft dents (In minutes)



**T-Hot Box - Paintless
Dent Remover**



Body Shop Equipment

Spot Welder 9000



Technical Specification

- Welding Amperage** : 8kA
Maximum Clamping Force : 50 daN
- Microprocessor controlled double program
 - Pneumatic gun
 - Epoxy coated transformers

Special Features

- Independent use of two functions (Gun-Spotter)
- Synchronous SCR welding control unit for a greater quality of the welded spot
- Patented pneumatic gun with adjustable stroke and double function trigger

Inverter Spot Welder



Technical Specification

- Input Voltage** : 3 Ph, 400 V, 50/60 Hz
Welding Amperage : 12.5 kA
Welding Cable length : 2.5 m Standard
Electrode Pressure : At 7 bars (90 psi) - 280 daN
 : At 9.5 bars (135 psi) - 420 daN
Cooling System : Water Cooling
Tank Capacity (Coolant) : 23 l
Microprocessor : i4 Upgradable Software Platform
Protection : ip 21
Dimensions (Welder) : 711mm(L) X 318mm(W) X 1270mm(H)
Weight : 169 kg

Special

Features

- Automatic Inverter Spot Welder - 12.5 kA
- Water cooled
- Specially designed for High strength steels like BORON, AHSS, HSS and T.R.I.P etc.
- Automatic adjustment of welding parameters with OEM Data Software
- Variety of extension arms for C-pliers are provided, to weld hard to reach areas
- Welding conforming to OEM standards



Body Shop Equipment

Inverter MIG - 176 Sysnergic

Technical Specification

Current Range : 18 A - 160 A

Duty Cycle : 35% (160 A), 60% (140 A),
100% (120 A)

Special Features

- Dedicated control to fine tune the arc length
- Equipped with power factor correction design
- High quality torch for perfect finish
- Support wire reels weighing 5 kg and 300 mm dia
- Wire feeder unit and cylinder stand are in standard scope
- Automatic setting of welding parameters
- High quality weld Compact and Light weight



MIG Welder 2400

Technical Specification

Current Range : 15 A - 220 A

Duty Cycle : 100%(100 A), 60%(130 A)

Advantages

- Suitable for Steel, Stainless Steel and Aluminium
- Special type Aluminium wire feed enables pressure adjustment for having uninterrupted feeding and decreases wear-off on the feeding device
- Provides reach to areas inaccessible to regular spot welder arms
- Parts can be put together
- Welding of cut open body panels - either replacement or reworking

Inverter Plasma Cutter 20

Technical Specification

Current Range : 5 A - 20 A

Duty Cycle : 100%(15 A) 60%(18 A),
35%(20 A)

Cutting Thickness : 6mm - 8mm

Compressed Air : 40 l/m, 4.7 bar

Special Features

- High duty cycle
- Safety systems on torch
- Microprocessor based cutting parameters
- Low weight





Washing Equipment

Automatic Car Washer



Technical Specification

Veh. Washable Area 5.2m(L)X2.0m(W)
X2.3m(H)

Electricity Supply : 3Ph, 415V, 50Hz

Max. Power Required : 14

Advantages

- Higher productivity (5min - 7min per car)
- Low water consumption (80 l - 100 l / car)
- Minimal man power required (only one person to operate the machine)

Touchless Automatic Car Washer

Technical Specification

Veh. Washable Area 9m(L)X2.3m(W)X1.9m(H)

Operating Pressure (Water) 6 bar

Min. Water Consumption 80 l - 105 l / car

Cycle Time 2min-2.7min / car
(Excluding manual wiping)

Input Supply 3Ph, 355V- 455V, 50 Hz

Power Consumption 0.08 kWh - 0.1 kWh / car



Under Chassis Washer



Technical Specification

Veh. Washable Area 9m(L)X1.9m(W)

Electricity Supply : 3Ph, 415V, 50Hz

Max. Power Required : 3.5kW

Operating Pressure (Water) 5 bar

Advantages

- Automatic vehicle length sensing
- Less than 2 mins to wash the under chassis of a car
- Consumes 24 l / car

New Gen Under Chassis Washer

Technical Specification

Veh. Washable Area 5.1m(L)X1.9m(W)

Electricity Supply 3Ph, 415V, 50Hz

Max. Power Required 1.12kW

Operating Pressure (Water) 5 bar

Advantages

- Automatic vehicle length sensing
- Quadra Jet Nozzles for maximum impact force and wider coverage
- Suitable for SUVs etc



Steam Washer



Technical Specification

Equipment Dimensions 0.82m(L)X0.61m(W)

X0.85m(H) 1Ph, 230V,

Electricity Supply 50Hz

Operating Pressure (Steam) 0 bar

Advantages

- Plug & Play, no civil work required
- Portable, Eco-Friendly and easy to use
- No civil work or drainage system required
- Two cars can be washed simultaneously



Washing Equipment

Vacuum Cleaner & Upholstery Cleaner



Technical Specification

No. of Motors : Single and Double
Power : 220V and 240V
Frequency : 50 / 60Hz
Air Flow : 35m³/hr and 430m³/hr

Automatic Mat Washer

Technical Specification

Required Space : 1.0m(L)X1.0m(W)X1.5m(H)
Power Supply : 3Ph, 380V, 50Hz
Water Consumption : 1 l / mat
Washable Dimensions : 600mm(L)X20mm(W)
Washing Time : 20 sec - 24 sec / mat
Drying Efficiency : 90%
Washable Mats : All type of mats except carpet and fabric



Advantages

- Easy to operate • Fast cycle time • No human fatigue
- Low water and power consumption • Good and consistent wash quality
- Compressed air not required for drying
- Simple over head water connection with normal water tap

New Generation Triple Plunger Washer



Technical Specification

Discharge : 17 lpm
Operating Pressure (Water) : 15 bar
Motor Power : 3hp
Pump Speed : 1440 RPM

Special Features

- Direct drive Positive Suction Pump
- Trigger, Gun to reduce impact pressure at different applications
- Less maintenance and service requirements

Single Plunger Washer

Technical Specification

Discharge : 26.3 lpm
Operating Pressure (Water) : 2 bar
Motor Power : 3hp
Pump Speed : 350 RPM
No of Guns : 2nos



Washing Boom



Technical Specification

Length : 1750 mm
Rotation : 360°
Max. Operating Pressure (Water) : 150 bar
Max. Working Temperature : 90°C

Advantages

- Stainless Steel construction, hence rust proof
- Avoids damage of the hose and gun as it is safely placed away from the car
- Ease of operation (360° Rotation) for the operator
- More cost savings compared to regular washing hose



Lubrication Equipment

Computerised Lube Management System



Advantages

- No oil wastage
- Integration with Digital Monitoring System
- Improves workshop productivity
- Better inventory management
- Eco-friendly workshop
- Identification colour codes for oil control guns
- Minimal house keeping

Air Operated Grease Pump - 25kg,50kg,200kg

Technical Specification

Pressure Ratio	: 50:1
Output	: 300-400 gm per stroke
Max. Working Pressure	: 10.5 bar
Blocked Pressure	: 425 bar

Advantages

- User friendly
- No wastage



Hand operated Grease Pump - 5kg,10kg,20kg



Technical Specification

Output	: 3 gm per stroke
Delivery Hose	: 2.2m
Blocked Pressure	: 140 bar

Advantages

- User friendly
- 100% grease usage due to spring plate
- Follower plate for directing the grease & ensuring minimum wastage

Hose Reel -10m & 15m

Technical Specification

Hose Diameter	: 3/8", 1/2" & 1/4"
Pressure Rating	: 20 bar - 350 bar
Hose Type	: Nitrile Rubber (NBR) & Styrene Butadiene Rubber (SBR) Synthetic Rubber

Hose Burst Pressure : 45 bar - 1400 bar

Special Features

- Robust steel construction with double pedestal arm design
- Special fatigue resistance steel spring
- Epoxy Powder Coated for increased wear-off resistance
- Minimum maintenance required



Oil Preset Meter



Technical Specification

Flow Rate	1l/min - 30 l/min
Accuracy	+/-0.5%
Min. preset quantity	0.1 l
Max. preset quantity	99.9 l
Max. pressure	70 bar

Special Features

- Possibility to dispense in Pre-selection mode
- Accurate oil filling
- No Oil Wastage
- Auto Shut-off



Mobile Service Units

ATS ELGI Mobile Service Units are equipped with service equipments like air compressor high pressure grease pumps, oil pumps, diesel generator, portable angle grinder, lifting device etc. The Mobile Service Unit is principally a "Workshop on Wheels" with a variety of workshop equipments installed on the Vehicle Platform.

The Mobile Service Units are extensively used in

- Automobile Industry-Passenger Car & Commercial Vehicles for On-Road services
- On-Road Tyre Service Vehicles
- Construction, Cement & Infrastructures Industry
- Mining Industry
- Heavy Equipment Industry

Mining & Other Segments



ATS ELGI Mobile Workshops are a vital ancillary, at construction and mining sites, desert regions and for remote locations. It reduces machine downtime, valuable man-hours production stoppage and sequel down-the-line losses.

Commercial Vehicle Segments



ATS ELGI offers an Integrated solution to address all your Service and Maintenance requirements.



Mobile Service Units

Passenger Vehicle Segments



Tyre Service Vehicle



Special Purpose Vehicle



The Solution ATS ELGI Provides -

- Onsite equipment / vehicle servicing even at the most remote places
- Provides maintenance & service support to critical machines at all times
- Customized design to meet your specific equipment and industry needs
- Rugged product with multi-tasking capability
- All essential safety features incorporated

ATS ELGI Strength

- India's single largest comprehensive automotive technology solutions provider.
- Over 4 decades of industry expertise.
- Over 3000 nos of ATS ELGI make MSUs in operation worldwide.
- Widest network of branches and dealers, manned by well trained service team for extensive support.
- Full fledged R&D facility with state-of-the art CAD centre
- Dedicated customer care centre with toll free no 1800-425-3544
- OEMs approved and most trusted supplier



Diagnostic Equipment

AC Recovery Unit

Technical Specification

Model: SmartCool, Smart Cool Plus

Refrigerant Type: R134a

Service: Manual and Fully Automatic

Refrigerant Bottle: 2 l

Power Supply: 1 Ph, 220V - 240V, 50Hz/60Hz

Special Features

- Alarms: High pressure, full bottle and empty bottle
- Service alarm for maintenance and filter replacement
- Manual discharge of non-condensable gases from the bottle
- Automatic leak check following vacuum phase
- Alarm for leak detection



Smart cool
(Semi Automatic)



Smart cool plus
(Fully Automatic)

Technical Specification

Model: Bus Pro

Refrigerant Type: R134a

Service: Manual and fully Automatic

Refrigerant Bottle: 40 l

Power Supply: 1 Ph, 220V - 240V, 50Hz/60Hz

Special Features

- Alarms: High pressure, full bottle, empty bottle and service alarm
- Integrated vehicle database, allowing the user to enter new vehicle models
- Gear pump for refrigerant charging
- Flushing software for automatic flushing of A/C system (flushing kit - optional)
- Printout of the results can be possible



Bus Pro

UV Leak Detector

Technical Specification

- UV Lamp & goggles
- Dye injector

Advantages

- Simple device
- Easy to handle



Test Lane

Technical Specification

1 : Side Slip Tester

2 : Suspension Tester

3 : Brake Tester



Test Lane equipment allows testing of passenger cars with a maximum weight of 3,500kg per axle. With the exclusive Test Lane Electronic Control and Modular Design, configuring your vehicle inspection line has never been easier, thus allowing you to choose the components best suited to your needs.



Diagnostic Equipment

Injector Tester and Cleaner

Technical Specification

Power Supply	: 220 V AC
Power Consumption	: 200 W
Injector Pressure Range	: 0 bar to 3.5 bar
Ultrasonic Frequency	: 50 Hz
Selection of RPM	: 500 RPM to 7000 RPM
Selection of Injection Time	: 1 ms to 10 ms
Maximum No. of Injectors	: 6 Nos



Application

- Flow and equalizing test
- Leakage test
- Spray test
- Ultrasonic cleaning and direct inject

Head Light Beam Aligner

Technical Specification

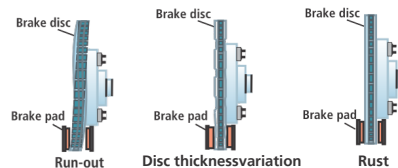
Power Supply	: 9V Battery
Lux Meter	: Digital Indication Available: Lux Values at 25m
Range	: Min-240mm, Max-1280mm
Accuracy	: $\pm 15\%$ (15-32 Lux) $\pm 10\%$ (32-64 Lux) $\pm 5\%$ (64-240 Lux)



Advantages

- Easy to use
- Digital Lux Meter
- Accurate head light alignment

On Car Brake Lathe



Technical Specification

Max. Brake Disc Thickness	: 39mm
Max. Cutting Depth	: 0.8mm/bit
Incremental Cutting Scale	: 0.05mm/click
Driving Axle Rotation Speed	: 100 RPM
Voltage	: 240V, 60Hz

Description

The MAD on-car Disc Aligner is the most effective equipment to sort out brake disc alignment problems. It eliminates all disadvantages of cast iron brake discs and the influence on materials by slightly cutting down the surface of the disc on both sides simultaneously.



Special Equipment

Water recycling system



Technical Specification

Flow : 3000l/hr

Mono Block Pump Capacity: 1hp(single phase)

Advantages

- 80% of waste water can be recycled
- Treated water can be used for washing under chassis of cars, gardening, toilet flushing etc.

Twister



Technical Specification

Dust extraction system with articulated arm of length 6m

Power Absorption : 1.1 kW,

Air Flow Rate : 100 m³/hr

Noise Level : 65 dB

Dual action sanders : 2 nos.

(Typhoon - Fully centralized unit - optional)

Advantages

- Can be fitted to the wall
- Can reach upto 6m distance
- 2 nos. sanders can serve two jobs at a time
- Electric options provided in the Hanging Control box for attaching extra tools in time
- High suction with low noise level ensures clean environment in shop floor

Exhaust Extraction System



Technical Specification

- Long aluminium track with sliding carriages, hoses & nozzles (length of Al track and hose available as options)
- Electrical supply - 3Ph, 230 V/400 V, 50Hz
- Blower/Exhaust fan with ON/OFF switches

Advantages

- Customized & optimal solution with the available range of options
- Equipment matches quality & safety standards



Special Equipment

Strut Coil Spring Compressor



Technical Specification

Working Pressure :	6 bar – 10 bar
Compression Force	10 bar = 1.96 kg
Cylinder stroke	: 330 mm
Machine Weight	: 65 kg

Special Features

- Auto Levelling System (ALS)
- Aluminium Technology Cylinder
- Bracket System
- Universal Clamps
- Foot-Pedal and Safety guard with safety valves
- Tools Rack

Pneumatic Tools

ATS ELGI offers a complete range of pneumatic Tool for Two wheelers, Four wheelers, Commercial Vehicles, Tractors and industrial applications like Impact wrenches, Sanders, Polishers and Speciality tools.

Special Features

- Ergonomic Design.
- Compact.
- Built-in power regulator.
- Single forward and reverse button.
- Positive action trigger



Impact Wrench



Grinder

Special Features

- Powerful motor for better servicing
- Safety lever throttle
- Rear exhaust to keep the air away from the working area.
- Built-in silencer & regulator
- Comfortable Thermo Plastic Rubber (TPR) handle

Special Features

- High speed sander.
- Compact and light weight.
- Built in regulator for on the job adjustment.
- Positive action trigger for precise speed control.



Sander

Note : Due to continuous engineering improvements, the technical specifications are subject to change without prior notice



www.elgidealer.com

C A L L U S N O W

+91-9831622820

+91 9836273711

+91 9804970807