



ATS ELGI
THINK LONG RUN

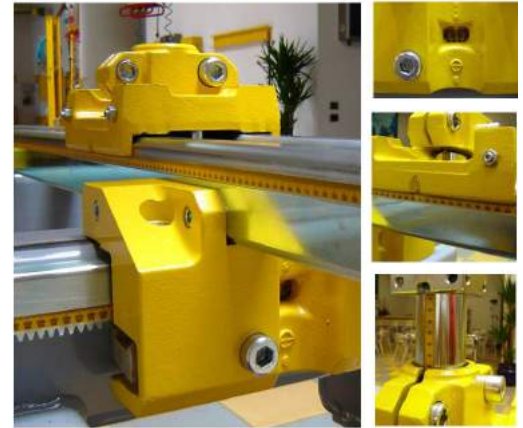
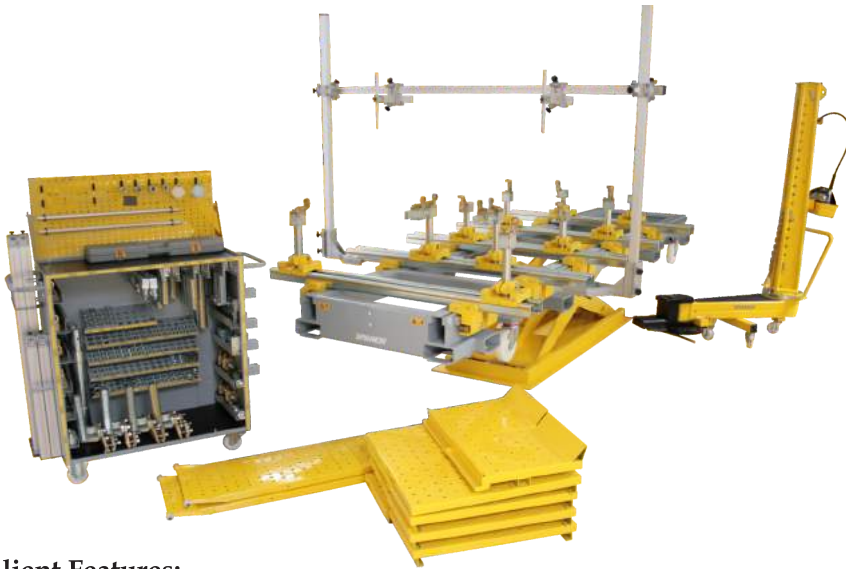
Body Shop Equipment

Drive your business to the next level of technology



Collision Repair Systems

1. 106 - Bench with Universal JIG System



Inbuilt 3-D Measuring System

Salient Features:

- Universal JIG system, Ideal for repair of all vehicles
- Bench on wheels equipped with Double action(Push & Pull) Scissor Lift with complete drive-on plat form
- Vertical Puller with true 10 Ton capacity at all heights
- Remote hand operated pulling tower to work close to the job
- Ideal for repair of Chassis without need of any extra attachments.
- Rapid with small accidents



Mc pherson System to Measure Shock absorbers and for comparative controls. Extremely fast & realized only by a single person.



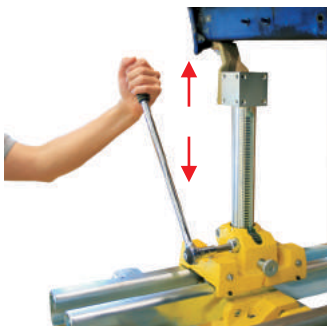
WINSTAR: CD-ROM, with all data sheets for Super star Universal JIG and Mc Pherson Measuring System.



Electro Hydraulic Scissor Lift with Double action Cylinder: Lifting Capacity - 5000 Kg, Lifting Height - 1550 mm.

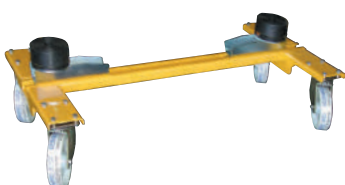


Universal JIG trolley with set of 4 Sill Clamps and fittings for Super star Universal JIG and Mc Pherson Measuring System.

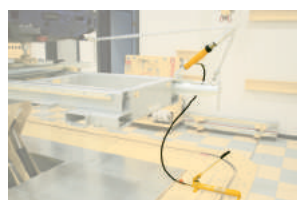


Upward and downward pulling system and possibility to move the cross members with rack and pinion system

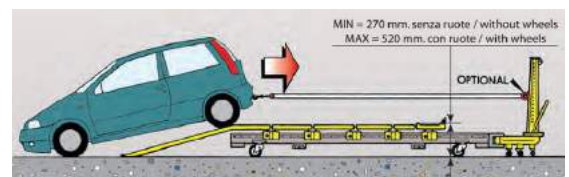
Optional



Super car wheel trolley



Vector Pulling



Electric Winch

MIN = 270 mm. senza ruote / without wheels
MAX = 520 mm. con ruote / with wheels

2. 100 TB - Bench on Wheels



High mobility bench on wheels

- Bench on wheels with Set of 4 Clamps
- Vertical Pulling Tower with true 10 Ton Capacity
- Possibility to mount the car using two Post Lift.
- Movable all around shop floor, have a free work bay when not in use.
- Easy up gradation to 106 by adding below optionals. (Step by step investments)

Optional



Universal Jig System



Mc Pherson Measuring



5 Ton Scissor Lift



Winstar Software

3. QUICK Bench - DT



Features

- Quick Bench with Direct clamping
- Vertical Pulling tower with effective pulling at all heights
- Automatic Height adjustment of bench for inserting pulling tower
- Quick mounting time of just 4 to 5 Minutes.
- Highly productive & handles 70% of Body shop load.
- Compatible with Electronic Measuring System/ Tram Gauge
- Chassis Holding clamps (optional)

Optional for Touch



High rise Clamps



Wheel stand on wheels

4. TOUCH Electronic Measuring system

Touch an Universal Electronic Measuring System allows you to quickly carry out a diagnosis on damaged vehicles to realize the certifications of correct reparation and to measure all the mechanical parts.



DIAGNOSIS and CERTIFICATION of the vehicle:

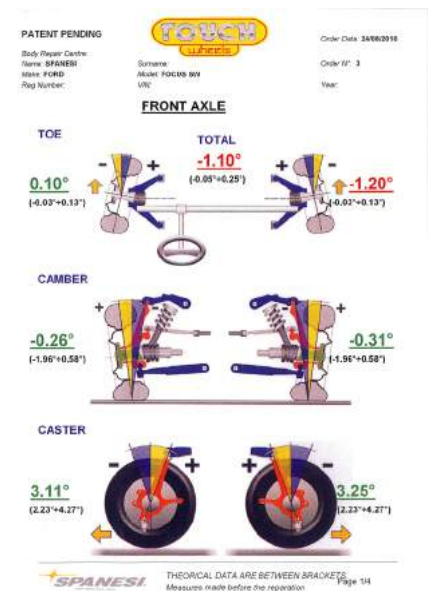
- Instant wheel alignment report
- Extreme rapidity without the help of adaptors
- Quick equipment positioning
- Use on any lift
- User friendly - No adaptors involved for measuring
- Database containing photographs of all the main points of vehicle
- Possibility to create a personal database
- In addition, the TOUCH system allows you to measure all the mechanical parts, assembled or disassembled in the vehicle in order to diagnose every single mechanical component.
- Pretty Fast to decide Estimated cost of repair.

Vehicle Reparation:-

- Live visualization of repair.
- Adoptable to any bench in market
- User friendly software with photographs to guide at every step
- Possibility to have a database with assembled and/or partially disassembled mechanical parts
- Real-time visualization of the reparation
- Printout of the correct reparation easy to understand

Features

- Extreme Rapidity without any Adaptors
- Quick equipment positioning time
- Can be used on any Lift/ Bench
- Diagnosis & Measurement report within 10 Min time
- Measuring while pulling with a single adaptor - FOLLOW ME Kit
- Can Measure all mechanical Parts, suspension bars and wheel alignment without raising the vehicle
- Thanks for the technology for avoiding delay in using special adaptors.



Touch Wheels



Measuring Shock absorber



Measuring of Sub frame

6. Hydraulic Kit (10 Ton)

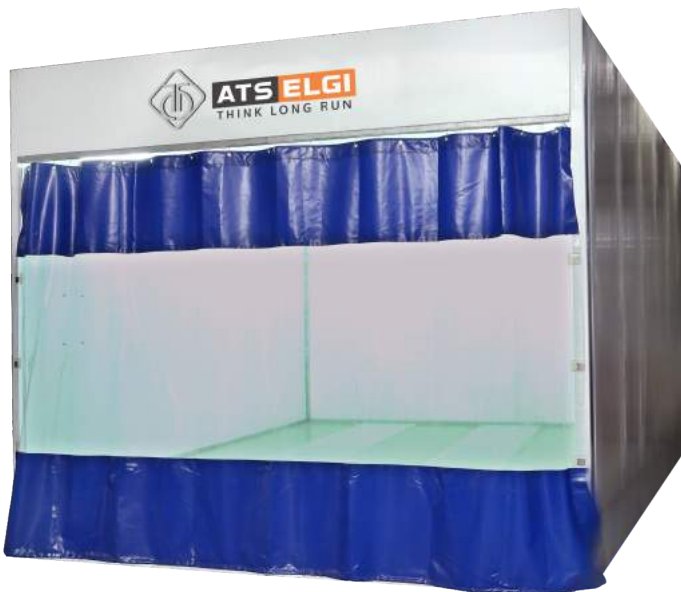


Hydraulic Kit

Features & Benefits

- Easy to repair damaged cabin
- Quick repair of damaged parts

PREP STATION



*Prepstation with 3 side curtains available on request

Features & Benefits

- Downdraft type
- 3 sided wall with PVC curtain
- Ceiling filter , base filter , pre-filter and pocket filter
- 3 level of filtration in drying mode
- 4 level of filtration in painting mode
- Pneumatically operated automatic dampener control
- Suitable for minor paint repair jobs , ensures quick repair thus increasing the productivity
- Exhaust air goes through 3 filtration stages thus control pollution
- Less exhaust ducting cost to the customer
- Integral drive on ramp to reduce installation space
- Emergency stop switch
- Flame proof PVC curtains

Specifications	Prepstation
Power supply	3 Phase , 415 volt, 50 Hz with neutral and earth
Internal Dimension	6.3 x 3.7 x 2.6 M
Motor Power	7.5 HP
Blower capacity	18000 m ³ /Hr
Lighting	>1000 Lux
Side wall	Polyurethane Sandwich panel
Door	PVC curtain

Panel Repair System

1. Flatliner



Flatliner is a complete system for repairing body panels. It allows you to work from the outside without removing internal parts. It significantly speeds up work times and enables you to repair the original body panel without having to replace the part

Strengths

- Flatliner enables you to repair more dents effectively and quickly
- Faster repairs, quicker deliveries and satisfied clients
- Lower investments and no more locking up of capital in spare parts
- More work hours gained
- Flatliner is practical and functional
- Flatliner easily repairs new generation HSS steels without compromising their structural integrity with excessive overheating
- International patent
- Approved by various car manufacturers

* Complete Version optional

2. Rapid Denter

Features:

- Spotter with 100% Copper windings ensuring higher duty cycle for increased productivity
- Digital graphic LED display for easy operations
- Single side spot gun with various welding procedures like shrinking, washer welding, stud welding, wavy wire etc. are available
- Claw puller & Quick Puller for removing all types of Dents
- Higher productivity since reduced time in removing individual parts of a car for repair.
- Over heat protection
- Step-less current regulation



Plastic Stapler Kit

IDEAL tool for reinforcing/combining several sensitive parts like Grills, Bumpers, Head and Tail light bases etc. These plastic parts are quite expensive and being replaced for minor damages. Thanks for Plastic stapler Kit in showing us a new edge in plastic repairs.

1. Staples Type



- Welder in case with Staples - 230 V
- Adjustment of Power setting for different hard plastics
- Different staples for reinforcing plastic
- Reinforce/ combine several broken plastic parts like Head light & tail Light bases, Radiator Grills & Bumpers.
- High profitability since avoids replacement by repairing plastic parts

Technical Specification

Dimension (L x W x H)	250x180x135mm
Power Supply	230 Volts
Amperes	5 to 30 amps
Weight	4.8 Kg

2. Plastic Repair Kit



Repair hollow sections of plastic efficiently by melting/adding Plastic fibres with digitally controlled hot air blow Gun. Efficient for Massive plastic repairs.

3. Paintless Dent Removal Kit



Repair minor dents effectively and quickly.
Lower investments & more man-hours gained.

Paint Booth

Phoenix



Scope of supply of 6M and 6.75M Paint Booth (with base)

- Air Generator with burner.
 - Metal base with driven-on ramp.
 - Set of filters - ceiling, basement & inlet.
 - Three doors including one service door.
 - Diesel tank with stand.
- Note: Exhaust duct not in our scope of supply. Phoenix 6M and 6.75M can also be supplied without metal base.

Features of Phoenix

- Sandwich panel with better thickness and density.
- Tongue and groove joint for perfect fitment.
- Stainless steel double pass heat exchanger.
- Walls are pre-coated from inside and outside.
- Air Velocity as per international Standards for better paint finish.
- Efficient forward blade centrifugal fan for maximum air flow.

Technical Specification

S.No	Specifications	6M	6.75M	7M	3M
1	Internal dimension	6x3.72 x 2.45 m	6.75x3.72 x 2.45 m	7 x 4 x 2.5 m	3 x 2.7 x 2.5 m
2	Power Supply	3 Phase, 415 volts, 50 Hz with neutral and earth	3 Phase, 415 volts, 50 Hz with neutral and earth	3 Phase, 415 volts, 50 Hz with neutral and earth	3 Phase, 415 volts, 50 Hz with neutral and earth
3	Metal basement	330 mm	330 mm	330 mm	330 mm
4	Inlet blower rating	7.5 HP	7.5 HP	10 HP	3 HP
5	Extractor rating	NA (can be provided on request)	NA (can be provided on request)	2HP	NA
6	Burner Capacity	1,80,000 Kcal/h	1,80,000 Kcal/h	1,80,000 Kcal/h	90,000 Kcal/h
7	Inlet blower air capacity	18,000 m ³ /h	18,000 m ³ /h	21,000 m ³ /h	8,000 m ³ /h
8	Air velocity inside the painting chamber	0.2 m/sec	0.2 m/sec	0.2 m/sec	0.2 m/sec
9	Service door	NA	NA	Available	NA

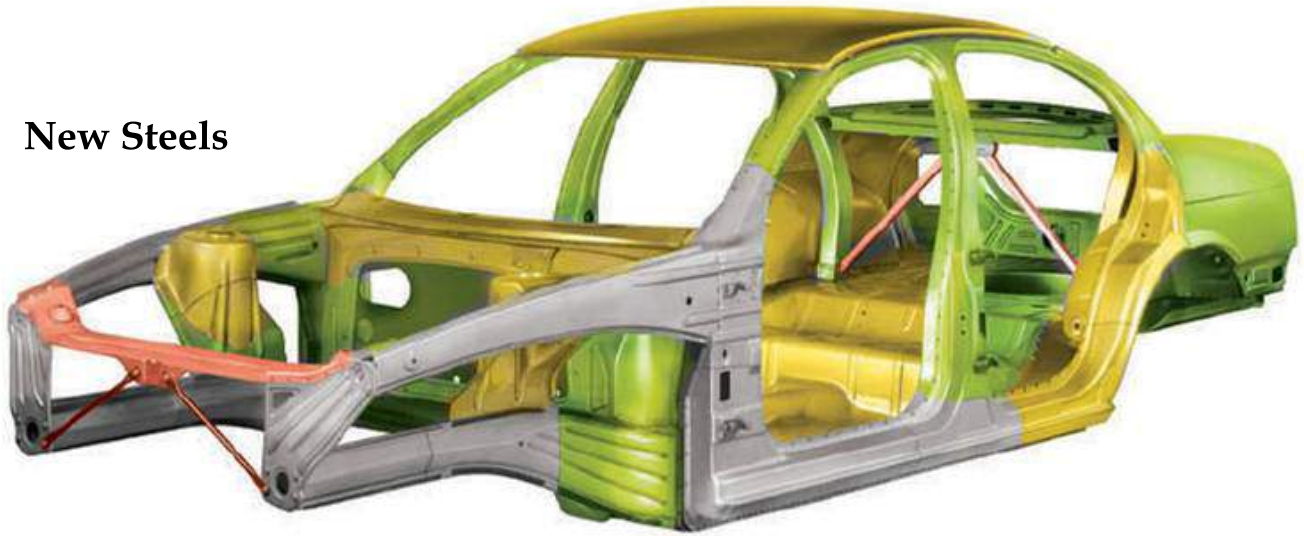
* Economical Civil base available

Spot Welder

1. PROSPOT i4 - Inverter Spot Welder

Using more than 10 types of different steels in a car is not unusual. Steels like AHSS, BORON, HSS , T.R.I.P are extremely advanced metals with yield tensile strengths of over 1000 Megapascals.

New Steels



Features

- Automatic Inverter Spot Welder - 12500 Amps
- Water Cooled and electrode pressure 420 DaN
- Automatic adjustment of welding parameters with OEM Data s/w
- Provided with variety of extension arms for C-pliers to weld hard to reach areas
- PC software for documentation and analysis of the spot weld data available
- Shows % quality of Spot, either approved or rejected.
- Dramatically increases Body shop load capacity since following most of Cut & replacement Jobs with OEM standards
- Single side spot gun with welding accessories in a case
- OEM data for global models
- C-X adaptor optional

Technical Specification

Input Voltage	3 Phase 440V
Welding Amperage	12500 Amp
Welding Cable length	2.5 M
Electrode Pressure - At 9.5 bars	420 DaN
Protection	IP21
Cooling System	Water Cooled
Dimensions	7110 x 3180 x 1270mm
Weight	169 Kg.

2. SPOTGUN 9000 Universal Welding Station 10 kVA



Technical Specification

Number of programs	2
Pneumatic gun	
Input voltage	400 V 50 Hz
Nominal power at 50%	10 kVA
Max welding power	50 kVA
Short circuit secondary current	8 kA
Max Clamping Force at 8 bar	
Gun Item 338672	150 daN
Gun Item 338659(Water Cooled)*	320 daN

Features

- Microprocessor based digital control unit.
- Double program for independent use of two functions (GUN-SPOTTER).
- Resistance spot welding of sheets, sheet straightening with spotter (nails and washers), localised sheets heating (carbon electrode), screws and rivets welding, inbox sheet-metals spoting.
- Pneumatic locking gun for perfect clamping and spoting.

338672



*Optional

MIG Welder*

1. MIG-MAG Welder 2400



Technical Specification

Power supply	415 V / 3Ph / 50Hz
Welding current range	15 - 220 A
Duty cycle	35% @ 170A, 100% @ 120A
Wire size	Solid 0.6-0.8mm Cored 0.9 mm
Wire feeder	In-built
Weight	53kg

Features:

- Wire feeder and cylinder stand are in-built.
- Easily portable.
- Top quality torch for perfect finish

Applications:

- Welding of cut open body panels - either replacement or reworking.
- Parts can be butt together.
- Spot welding on areas where regular spot welder arms cannot be reached.

2. INVERTER MIG - 176 Synergic

Features & Benefits

- 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



Technical Specification

Dimensions	210x370x410h mm
Input Voltage	1x230 V 50-60Hz
MIN-MAX Welding current	18 -160 A
Duty cycle – 10 MIN CYCLE	35% 160 A, 60% 140 A, 100% 120 A
Regulation steps	ELECTRONIC
Max. wire spool size	Ø 200 mm – 5 Kg
Protection class	IP 23
Weight	12 Kg

Inverter Plasma Cutter

Features & Benefits

- Inverter technology
- Equipped with power factor correction device
- Pilot Arc to cut painted or coated metals
- Cutting operation on superimposed thin sheets
- Safety systems on the torch
- Pilot arc starts without high frequency – so the machine can be operated next to electronic devices sensitive to high frequencies
- Post-gas function
- Electronic regulation of cutting current
- Microprocessor-controlled cutting parameters and functions
- Low power consumption
- Precise cutting and removing of damaged parts
- 4 metre-long P25 torch – comfortable to operate
- Thermostatic protection
- High duty cycle



Technical Specification

Dimensions	135x430x260h mm
Input Voltage	1x230 V 50-60Hz
Cutting current	5 -20 A
Duty cycle – 10 MIN CYCLE	35% 20 A – 60% 18 A – 100% 15 A
Compressor air pressure	4 -7 bar
Air flow	40l/min
Cut thickness on steel	6 – 8 mm
Max separation cut	10 mm
Protection class	IP 23
Weight	9.5 kg

Drying Systems

1. Infra Red Dryer



* 6 Lamp optional

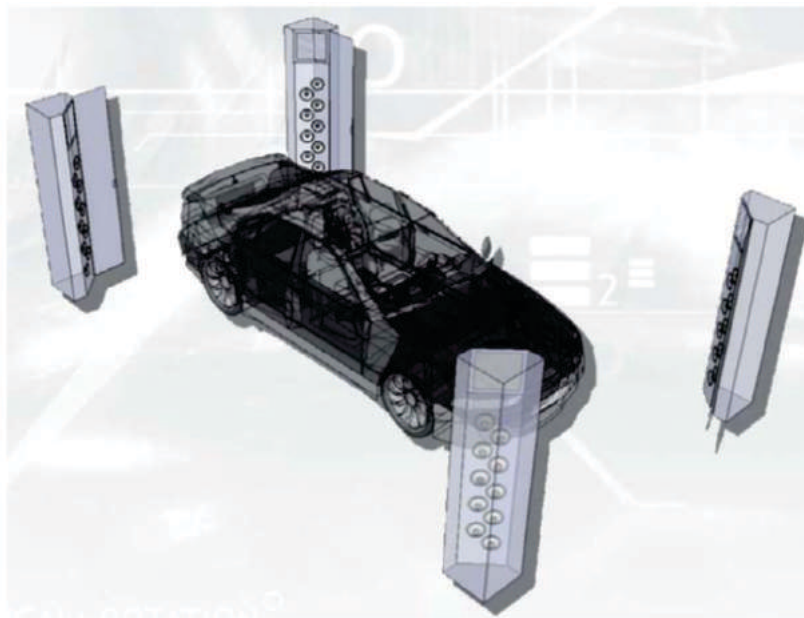
Features

- Short Wave Infra Red Technology
- Automatic Distance Sensor
- Led Display
- Electronic Timer
- Digital Power Setting
- Hydraulic Lifter turning around 300 degree
- Each Lamp can be controlled separately

Advantages

- Can dry both Putty & Paint In 5 Min & 10 Min respectively
- Automatic Distance Sensor Ensures Safety & Quality Of Finish
- Low Maintenance & Running Cost
- High Productivity

2. Smart Dry (Water Borne Paint Dryer)



Features

- Corner Venturi Units - Set of 4
- Power absorption - 0.25 Kw per unit
- Automatic Door opening
- High air velocity for creating turbulence in drying process
- Can be used for drying both Water Borne & Solvent based paints
- Certified Flame proof Motor.
- Each unit can be controlled separately

Advantages

- Reduces flash time & dries paint faster
- Low running Cost @ 0.25 Kw motor
- Suitable for all paint booths available in market
- Automatic Door opening avoids accumulation of paint fumes on the unit
- Safer in operations.

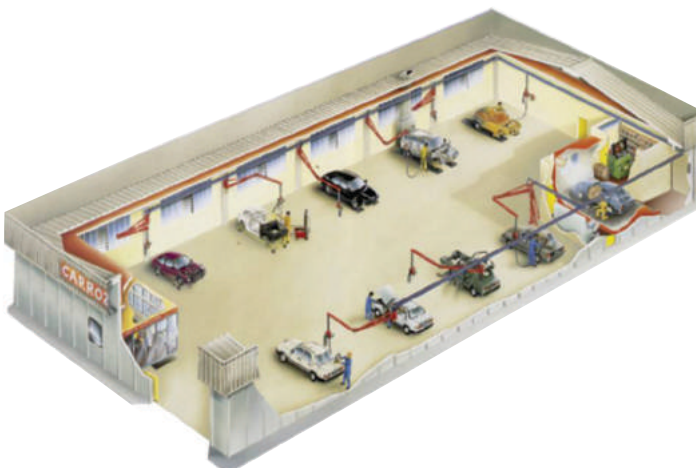
Dry Sanding Systems

1. Centralized Dust Extraction System - Typhoon



Features

- Clean & tidy environment without any cables and tubes on the floor.
- Provides Suction, Electric & Pneumatic connections for the user close to the job.
- The intake manifold Spanesi was designed to remove the sanding dust at various stages of processing of the surface.
- High suction generating turbine ensures effective suction during sanding.
- The group unit has an automatic cleaning system filters every 5 seconds a stream of air is introduced to clean the pockets of filter maintaining efficient machine.
- Long Running Filters
- The unit is equipped with a silencer and demand can be soundproofed.
- Low maintenance & Running Cost.



Technical Specification

Power Supply	440V, 3 Ph
Panel Board operations:	24 V
Air Flow	300 m ³ /h
Filter Surface area	0.57 m ²
Negative pressure	1600 mm H ₂ O
Turbine Power	3 KW
Noise Level	75 db
Weight	170Kg
Articulated Arm	6M (7M/8M optional)

2. Twister



Features:

- Centralized Dust extraction with Articulated arm of Length - 6 M
- Power Absorption - 1.1 KW
- Air Flow Rate - 100 m³/h
- Noise Level - 65 dba
- Dual action sanders - 2 No's. (Typhoon - Fully centralized unit - optional)

Advantages:

- Fitted to wall & can serve a job at a maximum distance of 6M
- 2 no's Sanders can serve two Jobs at a time
- Electric options provided in the hanging Control box for attaching extra tools on time
- High suction with Low noise level ensures clean environment in shop floor.

3. Hunger - 1000TH



Features

- Portable dry sanding System with Dual sanders
- High suction capacity of 2.6 m³/min
- Automatic on-off Motor
- Sander weight - 700gm
- Tank Capacity - 20Ltr (40 Ltr Optional)
- Mounted on trolley with basket as tool rack.
- Long Running Filter

Advantages

- Portable & easy to carry all over shop floor.
- Ensures clean Environment.
- Low weighing sander for user convenience.
- Low running costs with long running filter.
- Allows dual sanders to work parallel.



ATS ELGI
THINK LONG RUN

ATS ELGI Training Centre



The ATS ELGI Training Centre for Automotive Equipment, located at Coimbatore is dedicated to helping automotive service stations and Original Equipment Manufacturers (OEMs) train their technicians in handling and maintaining of garage equipment.

Besides this, training is also conducted for ATS ELGI Service Engineers who are involved in interacting with garage equipment customers. The objectives of these training courses are as follows:

- To impart training on all diagnostic

- equipment under one roof.
- To impart skills on interpreting the diagnosis.
- To impart tips on the causes of failure and their remedies.
- To educate trainees on basic maintenance practices of equipment.

Due to continuous engineering improvements, specifications are subject to change. Pictures shown in this folder are representative and not the entire range.



ATS ELGI
THINK LONG RUN

ATS ELGI Ltd.,

Private Industrial Estate, Kurichy, Coimbatore - 641021, India.

Tel : +91-422-2589999 | Email: enquiry@ats-elgi.com

Visit us at : www.ats-elgi.com

Toll-free number : 1800-425-3544

Working Hrs : Monday - Saturday : 9:00AM - 7:00PM

