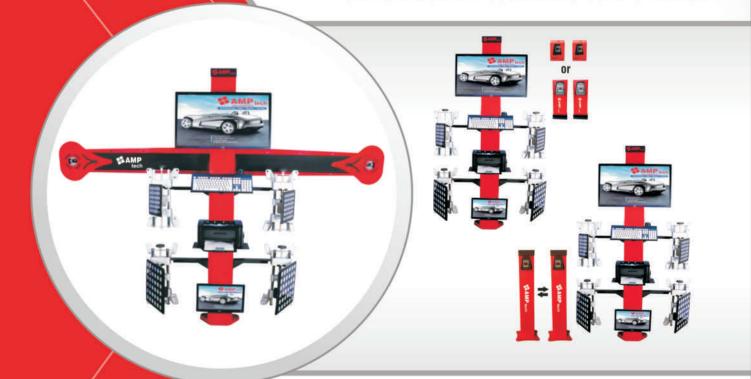


India's First 3D Wheel Alignment Machine | Manufacturer | Sales | Service | Training

Speed

Technology Beyond the Limits



Accuracy























ABOUT US



Mr. Pujari A.M

AMP Tech Group

AMP Tech is India's largest manufacturer of 3D wheel alignment machines and other equipment's for automotive sector, we are first to introduce customized 3D wheel alignment machine to suit challenging space, environment to save overheads of buyers.

Company was promoted by Mr.Pujari A.M he started providing support to automotive equipment in 2004 in Pune, Maharashtra which was converted in to company form in the year 2006.

Mr. Pujari A.M is currently executive chairman of the board of directors and chief mentor of AMP Tech group.

Company's vision is to become a global leader in "Automobile Equipment Manufacturing". Company has diversified its range by adding air inflator / deflator, Nitrogen generator.

Strategically located manufacturing facilities at Pune, Maharashtra and Vijayapur, Karnataka.

Company has indigenous R&D, capable to design sheet metal parts, PCB boards, IR LED board, Target plates etc which are required to all automobile garage equipment's. The R&D center has facility of in-house validation and testing of products.

We manufactures the equipment's and equivalently provides service as well as training on operating. Company manufactured equipment's are installed throughout India and we are proud to have 100% satisfied customers.





AMP TECH listed Global 3D Wheel Aligner Players Profiles

This is from QY Research, which owned a large basic data base, experts resources, professional survey team and excellent data analysis team.

QY Research new published a report of

<Global 3D Wheel Aligner Sales Market Report 2018>

where the market analysis is provided for the international markets including development trends, competitive landscape analysis, and key regions development status.

Main contents are as follow:

Geographically, this report is segmented into several key regions, with sales, revenue, market share (%) and growth Rate (%) of 3D Wheel Aligner in these regions, from 2012 to 2022 (forecast), covering

USA

China

Europe

Japan

India

South Korea

On the basis of product, the 3D Wheel Aligner market is primarily split into 2-Camera Wheel Aligner

On the basis on the end users/applications, this report covers Light Vehicle

9.6 AMP Tech

Accuracy

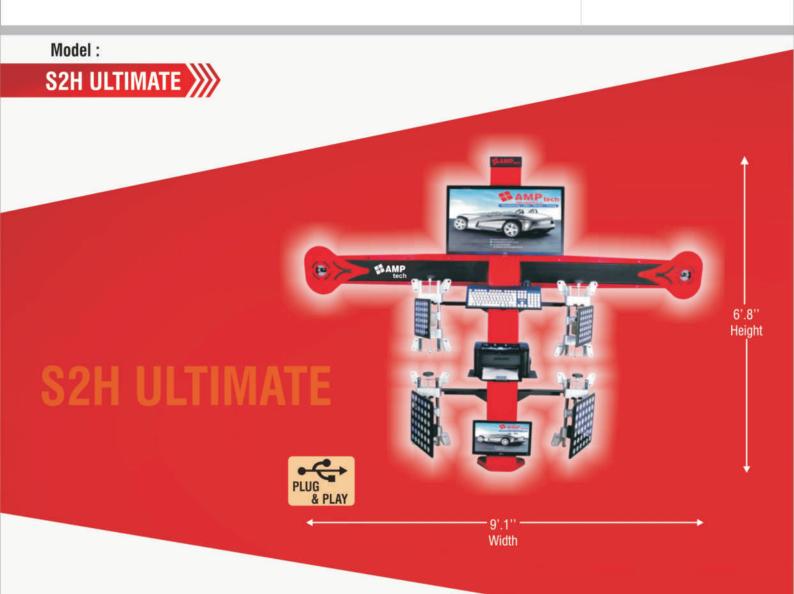
Global Sales

QYResearch CO., LIMITED



FIRST INDIAN 3D WHEEL ALIGNMENT MACHINE MANUFACTURER





Features

- · Onsite auditing & easy to maintain.
- · Camera beam height adjustable.
- · No need of water leveling for target plates.
- . No necessary of foundation, its optional to user.
- · You can relocate your machine as per your need.

Technical Specifications :		
Wheel size	12" - 24''	
Tyre diameter	Unlimited	
Track-width	48''- 96''	
Wheelbase	79''- 180''	
Power requirement	120 / 230V, 1ph, 50Hz	

Measurement item	Display accuracy	Camber	Caster	Kingpin inclination	Toe-in & Toe-Out	Set back	Thrust angle	Wheel deviation	Axis deviation
Accuracy	0.01°/	±2°	±6°	±6°	±2°	±2°	±2°	±2mm	±2mm
Measurements range	0.1mm	±10°	±20°	±23°	±20°	±5°	±5°		

MAINTENANCE FREE **S2H Ultimate**

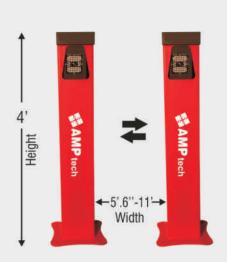
WORLD'S FIRST MACHINE

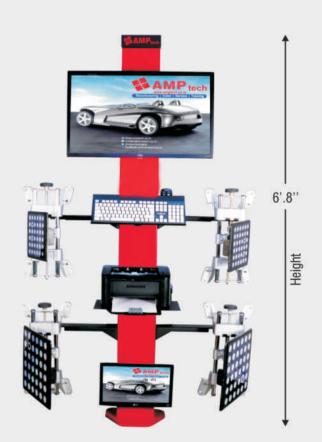


Model:

S2V ULTIMATE

32V ULTIMATE





Measurement item	Display accuracy	Camber	Caster	Kingpin inclination	Toe-in & Toe-Out	Set back	Thrust angle	Wheel deviation	Axis deviation
Accuracy	0.01°/	±2°	±6°	±6°	±2°	±2°	±2°	±2mm	±2mm
Measurements range	0.1mm	±10°	±20°	±23°	±20°	±5°	±5°		

Technical Specifications :		
Wheel size	12'' - 24''	
Tyre diameter	Unlimited	
Track-width	48''- 96''	
Wheelbase	79''- 180''	
Power requirement	120 / 230V, 1ph, 50Hz	

Features

- · Best suited for mass production line.
- · Within compact space you can locate machine easily.
- Customized distance between camera poles, distance vary from 5'.6" to 11'.

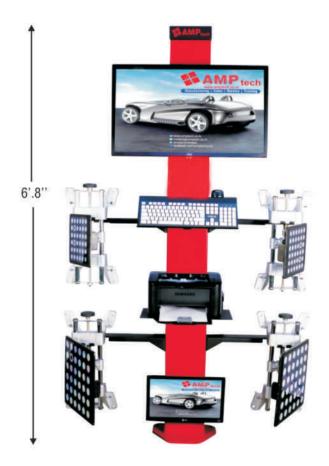
MAINTENANCE FREE

WORLD'S FIRST MACHINE



Model:

S2P ULTIMATE







or





S2P ULTIMATE

Technical Specifications: Wheel size 12" - 24" Tyre diameter Unlimited

Tyre diameter Unlimited Track-width 48"- 96"

Wheelbase 79"- 180"

Power requirement 120 / 230V, 1ph, 50Hz

Features

- · Wall / pillar mountable / hanging.
- · Customized portable 3D wheel alignment machine.
- Best suited for mass production line.
- Within very compact space you can locate machine easily.
- Customized distance between camera poles, distance vary from 5'.6" to 11'

Measurement item	Display accuracy	Camber	Caster	Kingpin inclination	Toe-in & Toe-Out	Set back	Thrust angle	Wheel deviation	Axis deviation
Accuracy	0.01°/	±2°	±6°	±6°	±2°	±2°	±2°	±2mm	±2mm
Measurements range	0.1mm	±10°	±20°	±23°	±20°	±5°	±5°		

MAINTENANCE FREE



3D WHEEL ALIGNMENT FEATURES

Facilities of 3D wheel alignment machines

Password protection

We provides password option, so that without password no one will access your database i.e. change, delete, modify vehicle data / machine settings.



We provides drive on camera facility, it helps operator to park the vehicle on ramp without anyone assistance.

Database safety

3D wheel alignment machine software execute from D:/drive, hence even if you format C: /drive your data will remain safe in D:/ drive.

All in one screen

We facilitates in such that you can view front/rear all readings in single window i.e.camber, caster, KPI, thrust angel and steering adjustment. It saves operator time.

One key find fault

F11 key will help you to find the fault, if you get any difficulty while doing wheel alignment. It will show the image processing of 3D wheel alignment machine.

Steering adjustment Rs.300/-

This feature helps operator in adjustment of steering wheel to exact center position, like there is no necessary of removing steering out and fit it back after alignment, software guide operator.

Vehicle dimension

Rs.500/-

This feature helps operator to know the vehicle dimensions, by this dimensions we can conclude that whether vehicle is fit for alignment or not. Is it accident/any wear in suspension or shifted with center line.

Rigid & water proof targets

3D wheel alignment machine target plates are non breakable and water proof are made of alloy metal.

No additional devices

Cameras are directly connected to the CPU, there is no any additional devices black box / hub in between CPU and camera.

No water leveling in targets

No water level tube in any targets, fit it and forget it.

No need of calibration

Machine is calibrated at the time of manufacturing, there is no need of calibration while installation of machine at customer place.



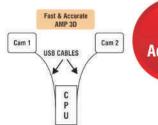




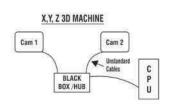








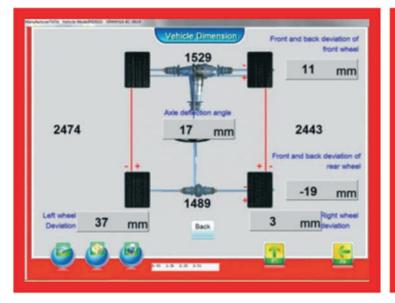


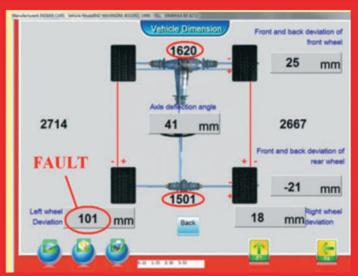


VEHICLE DIMENSION



VEHICLE DIMENSION





Vehicle dimension within range

In vehicle dimension left rear wheel not within range

All vehicles dimension reading should not be more than ± 50 mm

Advantages

- 1. Check your vehicle dimension to know whether they are correct or wrong.
- If your vehicle dimension are not correct, vehicle consumes more fuel, tyre wear occurs, suspension wear, uncomfort in driving.
- If you repair or installed suspension, like shock absorber, leaf spring it is compulsory to check vehicle dimensions, to know there correct position.
- 4. If you want to buy old vehicle you should know vehicle dimensions are in within limit, where it is accident vehicle?

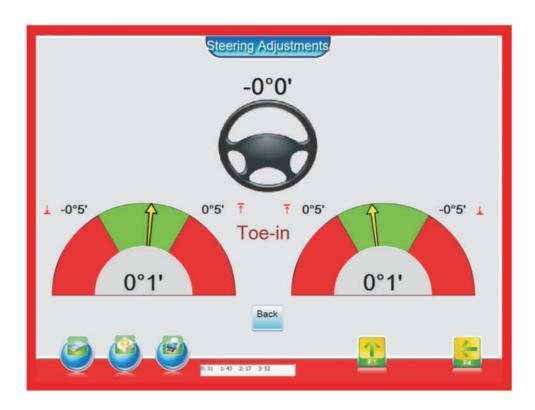
Hence we recommend you revisit for wheel alignment on same machine AMP tech 3D to save your time, money & feel driving comfort.

Charges = Rs. 500.00

STEERING ADJUSTMENT



STEERING ADJUSTMENT



Advantages

- 1. Do your vehicle steering adjustment, means your vehicle steering will be at center position with respect to front wheel.
- It improves yours driving comfortably.
- 3. Once you set your vehicle steering zero on this machine, untill you repair your front wheel suspension you get same result.
- It saves your time & money when you come for the next time for wheel alignment and also there is no need to pull your steering out and repositioning it.

Hence we recommend you revisit for wheel alignment on same machine AMP tech 3D to save your time, money & feel driving comfort.

Charges = Rs. 300.00

AMP CLIENT'S PHOTO





Pirangut-S2H



Dehu-S2V



Delhi-S2P



Pimpri-Chinchwad -S2P



Installed in 5'.6"



Working in sunlight



Haryana



Kolhapur



Dehu road, pune



RTO office building chinchwad



Airport road, pune



Maharashtra



Maharashtra



Delhi



Assam

AMP CLIENT'S PHOTO





Tractor Alignment



Eicher LCV



Maharashtra



Maharashtra



Karnataka



Karnataka



Our Nitrogen at HP Petrol Pump



Delhi



Delhi



Karnataka



Karnataka



Karnataka



Karnataka



Maharashtra



Rajasthan

PRODUCTION & DISPATCH





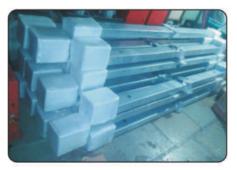




























TYRE CHANGER FOR CAR & MOTORCYCLE



TYRE CHANGER



By adjusting micro manipulator control knob, the perfect control between the rim and duck head reached and avoid the damage to rim.



The sliding claw block makes it have wider working scope for the rim of automobile and motorcycle from 8.5" to 24.5"



It could handle the motorcycle wheel with the wheel axle and brake block the wheel.

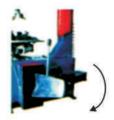


Model: T-22

Specifications

Power supply 220V, 50Hz Working air pressure : 0.8 1.0 Mpa Power rate : 1.1-0.75 kw Inner rim diameter : 8.5"-24.5" : 3"-10" Rim width 38" Max wheel diameter Average rotate speed 6.8 rpm Bead breaking force 2000 kg Net weight appox. 200 kg

Packing dimension : 980 x 880 x 960 mm



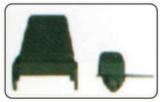
Rotatable universal bead breaker solves different size tyre varying in center-height. The course of bead breaker is increased to suit wide tyre.



Working on 9" rim of the motorcycle wheel.



Working on 19" rim of the motorcycle wheel.



Quilted clamp cover and plastic insert for mount/demount head protect the rim from scratching.

MAINTENANCE FREE

RFT TYRE CHANGER & WHEEL BALANCER FOR CAR



RFT TYRE CHANGER

Model: T-26

For cars



Specifications

Rim size : 10"-26"

Vertical arm : Yes (Tilt back)

Motor : 1.5 Hp

Jaws : 04 Nos.

Cylinders : 02 Nos (High capacity)

Bead breaking force : 2500 kg
Machine weight : 290 kg
Bed speed : 7RPM

Air reserve tank inside with TI function.

WHEEL BALANCER >>>

For car & motor cycle

Model: B-75



MAINTENANCE FREE

Specifications

Power supply 220V. 50Hz Power consumption 250W Balancing time 7sec Accuracy ±1 gm Noise 69 Db 10"-26" RIM dia. Max wheel wt. 70 Kg Max rim width 1.5"-20" Max wheel dia. 39.3" Rotating speed **200RPM**

Size : 1060 X 710 X 1180



wheeler attachment

Features

- · Distance, diameter automatic with break.
- 5 ALU modes with optimization mode & weight split mode.
- Standard, strong & durable balancing shaft, 40mm
- Machine calibration easy to operate, which can restore machine quickly with precision.

1ST INDIAN COMPACT NITROGEN MACHINE WITH MULTIPLE FUNCTIONS



NITROGEN GENERATOR >>>>

For car & motor cycle

Model: N₂ master



Specifications

Weight 60 kg 3 Height 1'.4" Width Depth 1'.4" Timer Automatic Pressure control Automatic Pressure gauge 0-150 psi 90psi Air Input N₂ output 20% < 1/p 220V, 50Hz Power supply

Fast &

Compact

Features

- For both purpose air & nitrogen (by direct or through inflator).
- · Flat & Top up counting systems.
- Instant release nitrogen.
- · Fast working with long distance also.

Model: Vertical N₂ master



Specifications

Weight : 70 kg 7'.3" Height : 8" Width Depth : 6" Pressure control : 0-80 psi Air Input : 150psi N, output : 20% < l/p : 220V, 50Hz Power supply

Fast & Most

Compact

Features

- · Nitrogen only.
- Direct counting systems.
- Instant release nitrogen.
- · Fast working with long distance also.

TYRE INFLATOR

For car & motor cycle

Model: Air master

Specifications

 Weight
 : 8 kg

 Height
 : 10"

 Width
 : 13"

 Depth
 : 6"

Timer : Automatic
Pressure control : Automatic
Pressure gauge : 0-150 psi
Power supply : 220V, 50Hz



Features

- Flat & top up counting systems.
- Fast working with long distance also.
- Wall mount type.

MAINTENANCE FREE



INJECTOR CLEANING AND TESTING MACHINE (FULLY AUTOMATIC)

Model: FAI



Features

- Machine can clean & test up to 4 injectors simultaneously for all type of mpfi vehicles.
- . Tank capacity is 10 ltrs and weight of the machine is 47 kgs approx with empty tank.
- Machine can operate either on 230 v ac or 12 v dc@15 amp, battery supply.
- . Machine will give "alarm" at the end of each cleaning & testing operation.
- Different types of injectors can be tested without any 'o-ring'and 'wiring cable' replacement.
- Any operation can be "hold" at any time during cleaning & testing.
- Separate digital voltmeter and digital chemical level display is provided to indicate.
 incoming ac supply and chemical level in the machine respectively.
- Machine will depressurize the rail after cleaning & testing by "drain" key to avoid any wastage of chemical.

PAINT BOOTH

Model: PB



Specifications

- Booth outside: 7050 Length (mm) 5250, Width (mm), 3600 Height (mm).
- Booth inside: 6900 Length (mm), 3900, Width (mm), 2750 Height (mm).
- Entrance door equipped with handle & Lock: 3000-2700(mm).
- Personnel door equipped with handle & anti-explosion lock: 800-2000(mm).

CAR SCANNER >>>

Model: CS



Specifications

DTC analysis
Show DTC and related information
Dual mode
DTC vs data analysis, DTC vs actuation test
Data analysis
Graphic mode
Vehicle S/W management
Resetting adaptive values / version configuration
Flight record
To save the current data of control module

RIM STRAIGHTENER & AC GAS CHARGING MACHINE



RIM STRAIGHTENER

Model: Rim Master



Specifications

Power consumption : 1500w
Motor : 2Hp, 1 Ph.
Weight : 255 kgs
Height : 1120mm
Width : 1030mm
Depth : 680mm



Features

- · With double dies at center removes bend accurately.
- . Heavy damaged rims at corner can also be straighten accurately.
- Die attachments for rim width of 4",4.5",5",55", 6" & 3.5", 6.5" are optional.
- Special alloy bushes instead of bearings results high load capacity & low maintenance.
- Hydraulic jack to remove central rim orientation.

AC GAS CHARGING MACHINE >>>

Model: ACR Fully Automatic



Specifications

Input power : 750W

Recovery speed : 300g/min

Charge speed : 800g/min

Vacuum speed : 5.4m3/h

Filter ability : 200kg

Scale accuracy : 10g

Cylinder capacity : 10kgs

Machine size (DxWxH, mm) : 740x640x1240mm Packing size (DxWxH , mm) : 760x700x1350mm

N.w./G.w. : 86kg / 96kg

LIFTS



TWO POST LIFT

Model: 2P4T



Specifications

Lifting capacity : 4 Ton
 Lifting height : 1700 mm
 Overall height : 2757 mm

4. Width between post : 2500mm to 2600mm
5. Total width : 3400mm to 3450mm
6. Base measurement : 480 mm X 430 mm

7. Lifting time : 75 sec.

8. Power of motor : 2.2kv

9. Power supply : 440v/220v

10. Net weight : 550/600kg

PORTABLE SCISSOR LIFT

Model: SL4T



Specifications

Lifting capacity : 4 Ton
 Lifting height : 5ft.
 Minimum height : 7 inch.

4. Outer dimensions (LxWxH) : 2550x1000x180mm

5. Power supply : 440v/220v 6. Net weight : 385kg

7. Perfect for servicing light-duty cars.8. Portable motor cart to handle,

easily move lift from bay to bay.

Adjustable arm assemblies.

10. Safety lock bar with multiple lock positions.

11. Fast and efficient operation.

RUCK WHEEL ALIGNMENT

TRUCK WHEEL ALIGNMENT



CCD WHEEL ALIGNMENT

Model: TA-CCD



Specifications

Technical data	Accuracy	Measuring range	Total measuring range
Total toe	+/- 2°	+/- 2°	+/- 5°
Partial toe	+/- 1°	+/- 1°	+/- 2°30'
Set-back	+/- 2°	+/- 2°	+/- 5°
Camber	+/- 2°	+/- 3°	+/- 10°
Caster	+/- 5°	+/- 10°	+/- 18°
King pin	+/- 5°	+/- 10°	+/- 18°

Optional: 8 CCD

CAMERA WHEEL ALIGNMENT

Model: TA-CAM



Specifications

Technical data	Measuring range	Measuring accuracy:
Toe measurement	± 5 degrees	± 0°05'.
Camber measurement	-10 degrees to +15 degrees	± 0°05'.
Castor	- 5 degrees to +18 degrees	± 0°05'.
KPI	-10 degrees to +20 degrees	± 0°15'.
Max. steering angle	± 70 degrees	± 0°20'.
Axle offset	± 30 mm	± 2 mm
Out of square	± 15 degrees	± 0°05'
Operating temperature	-5 to +40 degrees Celsius	
Operating time with fully charged batteries	> 10 h	
Shock resistance of the sensors	3500 g (inclination sensor) 2000 g (Gyro)	
Wireless module:		7
Frequency range	433.05 to 434.79 MHz	
Automatic frequency correction		
Number of channels	10	
Transmitting power	10 mW	
Charging unit:		
Operating voltage	100 - 240 Volt	

TRUCK & CAR BALANCER

Model: B-CT



Specifications

Single phase power supply	115-230 V 50/60 Hz
Max. power consumption	1,1 kW
Balancing speed	< 100 rpm for car / 70 rpm for truck
Balancing accuracy	1 g for car / 10 g for truck
Cycle time for wheel	20 sec.
Diameter setting range	10" ÷ 30" or 265 ÷ 765 mm
Rim width setting range	1,5" ÷ 20" or 40 ÷ 510 mm
Max. wheel diameter	1300 mm
Max. wheel weight	250 kg
Min/max. compressed air pressure	~ 8 ÷ 10 bar
Gross weight (with adapters, wheel guard excluded)	260 kg
Gross weight (with adapters and wheel guard)	300 kg
Packing dimensions (wheel guard excluded)	145 x 90 x 125 h cm
Packing dimensions (with wheel guard)	145 x 125 x 125 h cm

TRUCK TYRE CHANGER



TRUCK TYRE CHANGER >>>

Model: TC-26

Specifications

•Rim size: 14" - 26".

Max. wheel weight: 500 kgs.
Max. wheel width: 30" (780mm)
Max. diameter of tyre: 62" (1600mm)

• Hydraulic pump power : 1.5Kw

Gearbox motor: 1.8Kw
Mobile command unit 24V.
Net weight: 585Kg

· Works with tubeless and run flat tyres.





Model: TC-56

Specifications

• Rim size : 14" - 56".

Max. wheel weight: 1600 kgs.
Max. wheel width: 42" (1065mm)
Max. diameter of tyre: 90" (2300mm)

· Hydraulic pump power: 2.2kw

Gearbox motor : 2.2kw
Mobile command unit 24v.

· Net weight: 887kg

· Works with tubeless and run flat tyres.

Model: TC-42

Specifications

•Rim size: 14" - 42".

Max. wheel weight: 1600 kgs.
Max. wheel width: 41" (1050mm)
Max. diameter of tyre: 90" (2300mm)

• Hydraulic pump power : 2.2Kw

Gearbox motor : 2.2Kw
Mobile command Unit 24V.

· Net weight: 758Kg

· Works with tubeless and run flat tyres.



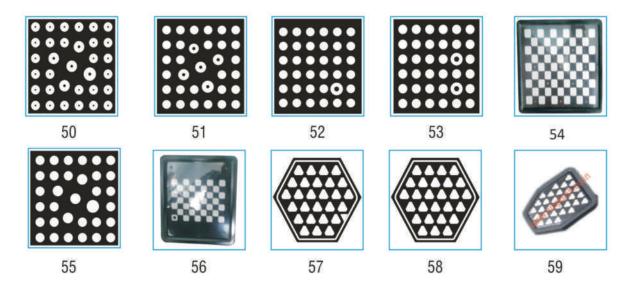
3D WHEEL ALIGNMENT SPARE PART FOR ANY BRAND



Parts are suitable for all types of 3D wheel alignment machines.



Target plates are suitable for all types of 3D wheel alignment machines.



LED & camera for 3D wheel alignment machine



Tyre Changer Optional Tools



TYRE CHANGER OPTIONAL TOOLS

Bead blaster



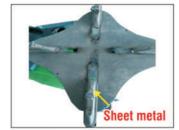
Helper



COMPARISION OF OUR MACHINE WITH OTHER BRAND MACHINES







- 1) No strength
- 2) Made with sheet metal
- 3) Non repairable





Amp balancer main card



Competitor balancer cards

- 1) Open to Air
- All things are in single box

 i.e. Processor, capacitor, power card

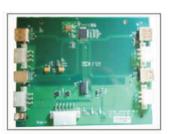




Competitor plastic target



Competitor plastic target



Hub

HYDRAULIC SINGLE POST LIFT





Specifications

- 1. Lifting capacity: 4 Ton
- 2. Lifting height: 1500mm.
- 3. Max. length with ramps: 3505mm
- 4. Max. width: 2475mm
- 5. Operating pressure: 8-10 bar

Features

- 1. High performance & easy to install.
- Electrical limit switches for stopping at maximum & minimum height.
- 3. Noiseless operation with toothed belt.
- 4. Corrosion resistant chrome plated column.

AIR COMPRESSOR >>>

Specifications

Motor: 2 HP, Single Phase Tank capacity: 300 Ltr. No. of cylinder: 2 Nos.

Max. pressure: 175/12.3 PSI KG/Cm2g



Features

- Compact size.
- 2. Easy usage.
- 3. Low maintenance.
- 4. 2 Stage.
- 5. Tank capacity: 300Ltr.

VACUUM CLEANER - WET & DRY



Specifications

Application : Heavy duty dust extraction system

For wet and dry application

Motor : 2

Electrical connetion: Single Phase
Voltage: 220-240V
Power output (Max.): 1300x2-2600w
Airflow: 430m³/hr
Tank Capacity: 78 ltrs.
Hose Dia (mm): 38

Tank : Stainless steel

CAR WASHER



Specifications

No of Plungers : 1

Working Pressure : 75kg/cm2
Water hose with gun : 10 meter
Crank case oil : 20-40 Sae
Crank case capacity : 1.3 Liters

Power Supply : 415V, 3 phase, 50Hz

Motor Speed : 1440RPM Power : 3.0 HP.

FOAM GENERATOR



Features

Stainless steel foam washing machine has a novel design ,the foam is exquisite and equal, low waste and high effect,it is easy to move,the tank is stainless steel,can be used for a very long time. this kind of cleaning machine is so popular in the car cleaning and hairdressing industry ,

gas station service ,and so on .

Hose length : 6.5m(including foam spout)

Hose diameter :12x17mm Working pressure : 2.5-3bar

Tank capability: 80L(including liquid display)

Material: stainless steel

Receiver Award

Best Service for Wheel Alignment service Awards

Training & certification program photo



Certificate distribution after completion of training









Registered address:

AMP COMPUTER SERVICES

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Ph.: (020) 60123535 E-mail: pune@amptech.co.in

Head office:

Opp. Indian Oil Petrol Pump, Before Hinjewadi Bridge, Wakad, Pune-411 057. (Maharashtra) Cell: +91 9922686404

E-mail: sales@amptech.co.in / contact@amptech.co.in

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E-mail: bijapur@amptech.co.in

India's First 3D Wheel Alignment Machine | Manufacturer | Sales | Service | Training