



Delivering Quality With Precision

# Patson Auto Products Pvt Ltd

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***Manufacturer & Supply of Precision  
Machined Forgings, Components  
and Sub-assemblies for automotive  
and engineering industries***



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## *Company Profile*

- A mechanical Engineering Graduate started Patson group of industries in 1982 to meet demands of precision machined components catering to defense and automotive industries
- Automotive components such as bearing spacers, Oil strainers, shifter forks, steering columns and variety of machined brackets
- Front fork subassembly in 1997-1998
- Ventured in to export market (USA) by manufacturing Components for planetary gear boxes in 2003 and for steel chord manufacturing machines and engineering industries (Europe) in 2007 .
- Presently catering to motorcycle / scooter and engineering industries in domestic market.
- Head office at Pune and two plants at MIDC, Bhosari, Pune 411 026
- An ISO 9001:2008 certified company.



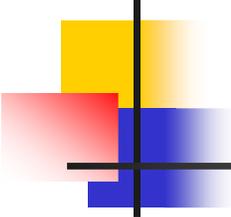
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## *Company Profile*

- 30 years of engineering experience
- Developed and supplied more than 300 components/assemblies
- Served diversified sectors like- Automotive, transmission, steel chords
- Asset base-15000sq ft area in 2 units
- Critical ,Precision Components is our specialty
- Machinery- @80 machines , In-House Powder Coating Plant with pretreatment facility, captive forging unit in partnership.
- Alternative Power-160 KVA Generator sets



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## *Company Vision*

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- ***“ Vision is to evolve globally as a value creator for customers by specializing in all walks of customer aspirations such as Cost, Quality, Delivery and Customer Satisfaction.”***



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## *Quality Policy*

- We at Patson Auto assures quality of our products through precise knowledge and understanding of customer requirements.
- Components as per customers requirements are planned and manufactured using systems and procedures which are adequately understood and followed by all concern and appropriately documented.
- We believe in continual improvement in quality and consistency of our products which are necessary to enhance the customer satisfaction. Quality improvements are supported by appropriate investment in training, technology up-gradation and new machineries.
- Quality improvement and customer satisfaction are the responsibilities of every employee of Patson Auto.



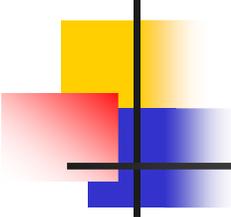
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## *Environment Policy*

- Patson Auto accepts the responsibility towards environment protection.
- We operate within local environmental legislation.
- We are committed to improve our processes to prevent pollution and proper waste disposal management by reduction in consumption of
  - natural resources,
  - power,
  - water,
  - minimizing the use of polluting substances



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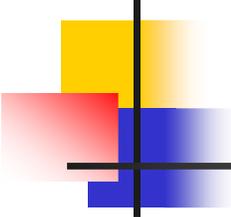
## *Safety Policy*

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- Patson Auto accepts the complete responsibility of Health and safety of employees and visitors in our plant.
- We maintain this through by giving due considerations during the machine selection, process development and awareness in employees.



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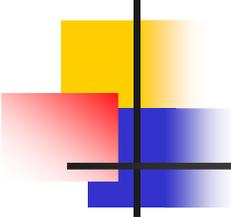
## *HR Policy*

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- Patson Auto provides equal employment and advancement opportunity to all individuals, employment decisions are based on merit, qualification, and abilities. We do not discriminate in employment opportunities and practices based on race, colour, sex, state origin, age or any other characteristic.
- This policy governs all aspects of employment including, selection, job assignment, compensation, discipline, termination, and access to benefits and training.



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## *Business Focus*

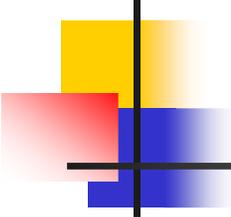
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- To be a leader in manufacturing of suspension products for all major 2 wheeler companies for Indian as well as international market.
- Critical Precision components required for transmission in Indian & international market.
- Light weight Tubular products alternative to existing solid state heavier products required for transmission, agriculture equipments, hydraulics, oil & gas and engineering industries in Indian & international market.
- Offering Cost competitive engineering solutions.

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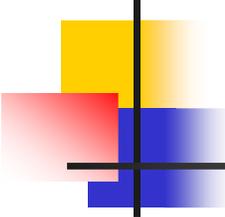
## *Our Strengths*

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- Promoted and operated by engineering graduate
- Process Engineering
- Specialized tooling
- Robust manufacturing process
- Capability to manufacture own SPMs
- Operator friendly inspection aides
- Latest inspection and testing equipment
- PPAP for each component
- Direct on line deliveries to OEMs
- Flexibility to handle small, medium and large volumes
- Proficiency in critical, precision parts



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## *Company Culture*

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- PAPL management philosophy is based on responsibility and mutual respect. People who come to PAPL want to work here because we have created an environment that encourages creativity and achievement. PAPL aims to become a world class in precision machined components and Sub-Assembly manufacturer. The mainstay of our strategy will be to offer a level of client focus that is superior or competitive to that offered by our competitors.



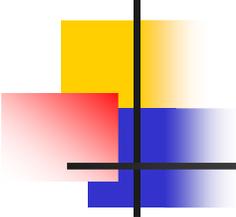
## *People Power*

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Production	Engineers	8
	Skilled Associates	30
Quality Assurance	Engineers	3
	Inspectors	5
Purchase	Staff	2
Production Planning &Control	Staff	2
Administration	Staff	3
HR	Staff	3



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## *Infrastructure - Manufacturing*

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- Equipped with machines like CNC Turning Centers, VMC, Drill tape Centers, Center less Grinding, Cylindrical Grinding, Surface grinding, SPMs, Fine Boring machines, pipe threading machines, pipe forming machines, welding positioners and general purpose machines.
- In house semi automated powder coating plant.
- Our excellent infrastructure helps us in meeting the immediate and bulk requirement of our customers.



## *Infrastructure - Quality Assurance*

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- CMM
- Contracer
- Trimos
- Magnaflux crack detector
- Profile projector
- Hardness tester
- Surface Finish Tester
- Surface Plates
- Conventional instruments
- Digital Comparators
- Gauges for each parameter





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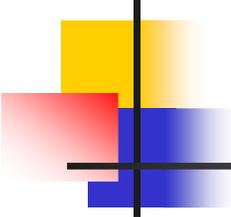
## *Infrastructure – New Facility*

### **New Facility:**

- We expect to commission our plant having 1.2 Lac sq ft area in December 2013-14.
- The plant is located at Sanaswadi @ 35 km from Pune and will have a plant capacity for
  - Under brackets @ 40 Lac/annum.
  - Precision machined components required for transmission.
  - Tubular components involving cold forming, Rotary swaging ,Axial forming ,upsetting, precision machining required for industries such as Transmission, Agriculture equipments, Hydraulics, Oil & Gas and Engineering industries.



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## *Our Esteemed Customers*

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- Oerlikon Fairfield Drive Systems, USA
- Fairfield Atlas Limited, Belgaum, India
- Endurance Technologies Ltd, Aurangabad, India
- Bajaj Auto Limited, Pune ,India
- Bekaert Engineering, Belgium
- Oerlikon Graziano Transmission, Spa
- Tata Motors , Pune, India



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## *Products*

Under Bracket Assy for  
For Motorcycles &  
Scooters

- A Complete dedicated Plant for manufacturing Of UBA
- Present capacity-70000 Assy per month
- Future plans-3.5 lakh Pieces a month





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## *Products*

### Planet Shafts

- Critical Aspects:-
  - OD Tol 4 $\mu$
- Surface Tolerance 0.4 $\mu$
- Heat Treatment:-
  - Case Carburizing + Hardening
- Quantities Made:-
  - 80000 sets per month
- Rejection Level: Nil





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## *Products*

### Housings

- Quantities Produced: 600 per month
- Critical Aspects: 1) Max dia. 400mm  
2) Bore tol. 20 $\mu$
- Rejection Level : Nil





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## *Products*

### Bearing Carrier

- Quantities produced: 400 per month
- Critical Aspects: 1) Max dia. 230 mm  
2) Bore Tol. 13  $\mu$   
3) OD Tol. 10  $\mu$
- Rejection Level: Nil





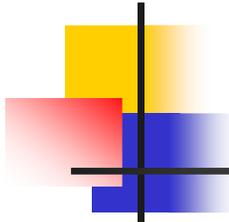
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## *Products*

### Spindle

- Quantities produced: 800 per month
- Critical Aspects: 1) Ground Dia  
2) Spline Cutting  
3) Heat Treatment  
4) Surface Finish Critical
- Rejection Level : Nil





# *Products*

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- Piston & Cylinder





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## *Products*

- Front Fork Seat Pipe





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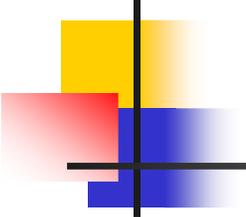
## *Products*

- Various Components for Chord manufacturing machines





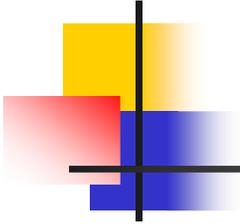
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## Contact Us

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- Mr. S M Pathak – Managing Director
- Mobile: +91 9890150190
- E-mail: [patsonauto@gmail.com](mailto:patsonauto@gmail.com),  
[sudhir.pathak@patsonauto.com](mailto:sudhir.pathak@patsonauto.com)
- Mr. Sujay Pathak-Director Operations
- Mobile: +91 9766357880
- E-Mail: [sujay.pathak@patsonauto.com](mailto:sujay.pathak@patsonauto.com)
- URL: [www.patsonauto.com](http://www.patsonauto.com)



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**Thank you for taking time to view  
our presentation.**