

# COMPANY PROFILE



PACCO INDUSTRIAL CORPORATION  
GROUP COMPANY PROFILE

2006

**PACCO**

# COMPANY PROFILE



Pacco Industrial Corporation



Kundan Indl. Carb. Pvt. Ltd.



Parkash Tools Mfg. Pvt. Ltd

- Established : 1964 (Pacco Ind. Corp.)
- Established : 1992 ( Kundan)
- Established : 1986 ( PTM)
- Address : D-31, 32 & 33, Okhla Industrial area, Phase- I, New Delhi- 110020 India
- Capital : 5 Million US Dollar
- Gross Assets: 20 Million US Dollar
- Employees : 250 ( Based on Jan. 2005)
- Employee Union : Nil
- Certified ISO 9001-2000
- ISO/TS 16949 ( will receive Certificate soon)

# GROUP COMPANY PROFILE



**Monto Motors Ltd**



Monto Motors Ltd. is located 160 Kms. away from New Delhi in an Industrial Estate at Alwar. Alwar is connected by Rail & Road. Train takes 2 Hrs. & 15 Minutes to Alwar from New Delhi.

This unit has built up area of 20,000 sq. mts. on land area of 200,000 sq. mts. There are two separate well built halls along with Administrative blocks & Offices. One housing Moped, Motorcycles & Fun Bikes related activities & other is for Automotive Components.

# COMPANY PROFILE

- Pacco is an unlisted, closely held, SME engaged in manufacturing of fuel & engine management components.
- Pacco Intends to be a key player in the competitive global market for Fuel & Engine management Systems by meeting customer expectations in quality, cost & on time delivery

# Quality Policy

- We are committed to serve our Customers with Consistent quality products and services as per mutually agreed terms.
- This is achieved by implementing quality management system as per ISO / TS 16949 : 2002 standard involving all employees through training and motivation to create quality culture for continual improvement in the organization

Chand Mehta & Abjit Singh Gulati  
Managing partners

# Quality Objectives

- **To improve customer satisfaction through down trend of customer rejection.**
- **To achieve good delivery performances by reducing break down trend and also cost of poor quality.**
- **To assure the quality of materials from the suppliers with cost reduction.**
- **To install new facilities by adopting new technologies for improving productivity.**
- **To provide necessary training for the improvement of employee's skills.**
- **To achieve zero accident level.**

# Production Facilities



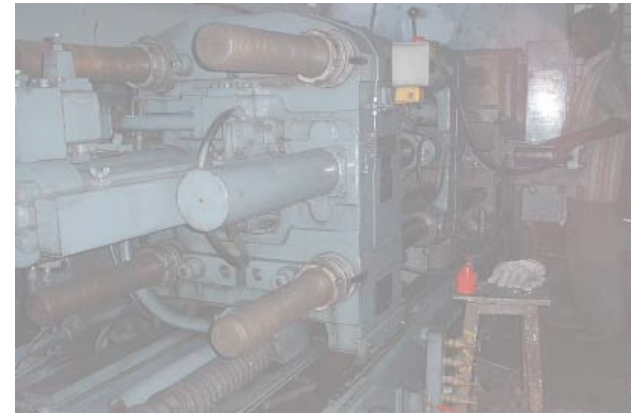
## DESIGN & TOOL ROOM



We presently use PRO E & Solid works for designing . Casting dies, moulds, precision jigs & fixtures, critical press tools are developed in house. Our tool room possesses the sophisticated machinery cad, EDM, universal milling machines etc. Sophisticated imported measuring instruments are being used by highly trained & dedicated engineers.



## DIE - CASTING



We are having our own pressure die-casting machines 120 & 250 Tonne producing carburettor body & other parts.

**PACCO**

# Production Facilities



## **AUTO SHOP**

We are fully equipped with various required automatic machines such as traubs, sliding head (Swiss type automatic machines), CNC turning centers for the manufacturing of precision turned components such as jets, throttle needles, valves, atomizers, air control screws etc. We have tremendous additional capacity to produce in quantity all types of turned components. **Turned Components is our USP**



## **PRESS SHOP(SHEET METAL COMPONENTS)**

We are equipped with power press machines of capacity 5 to 400tonne for precision sheet metal components.

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# Production Facilities



## **MACHINING CARBURETTORS BODY & OTHER CASTING PARTS**

**We are fully equipped with the following machines.**

**Vertical Machining Center, Drill & Tap Center CNC Turning Center**

# Production Facilities



## **MACHINING CARBURETTORS BODY & OTHER CASTING PARTS**

We are fully equipped with the following machines.

Special purpose machines (SPM): for reaming & boring operations of different castings.



## **ASSEMBLY AND TESTING**

In order to fulfill the performance of the carburettor, a great stress in the dust free air-conditioned assembly section is given to ensure the high quality at every stage.

# Quality Assurance Facilities



## **QUALITY CONTROL / RESEARCH AND DEVELOPMENT**

**To ensure the quality and performance, we have a team of highly qualified and experienced persons to achieve the high standards of the functioning of our products. In order to further ensure the reliability of the product, rigid quality control measures are established at all stages of production.**

# Product Range

## COMPONENTS FOR FUEL MANAGEMENT SYSTEM & MULTI POINT FUEL INJECTION SYSTEM:

Throttle body  
Pipe delivery/fuel rail  
Oil filter bracket  
Vacuum transmitting valve  
Exhaust gas re- circulation valve  
Valve fuel tank roll over  
Gas filter  
Valve PCV  
Fuel Pressure Regulators  
EGR Valves  
Throttle Position Sensors  
Electronic Fuel Pumps  
Fuel Sending Units

## FUEL PUMP – ELECTRICAL & MECHANICAL :

Maruti 800 CC TO 1800 CC cars & vans  
Hindustan Motors Ambassador  
Fiat & Premier Padmini (All models)  
Mahindra & Mahindra Jeeps  
Greaves Three Wheeler (Diesel)  
Piaggio Three Wheeler (Diesel)  
Trekker (Diesel)  
Kia Pride 1300cc

## CARBURETTORS AND IT'S PARTS :

Maruti 800 CC TO 1300 CC Cars & Vans  
Hindustan Motors Ambassador  
Kia Pride 1300cc  
FIAT & PREMIER PADMINI (ALL MODELS)  
Contessa (Isuzu)  
Motorcycles (50 CC TO 650 CC)  
Mahindra & Mahindra Jeeps  
Mopeds  
Scooters  
Stationary Engines  
Yamaha portable gen. Sets  
Rallis  
Application For Greaves  
Power Mobile  
Out Board Motors  
ATVs

## PRECISION TURNED ENGINE COMPONENTS:

Valve Pcv  
Pipe Air Induction  
Pivot Rocker Arm  
Pipe Spark Plug Hole  
Jets  
Union

## PRECISION CARBURETTOR COMPONENTS:

Depression assy  
Throttle plate fitted butterfly  
Main Jets ( Different Nos. Available)  
Casted parts  
Pilot Jets( Different Nos. Available)  
Floats available in Nylon, Brass, Derlin & P.U. Rigid  
Starter Jet( Different Nos. Available)  
Needle valves  
Air Correction Jet ( Different Nos. Available)  
Plunger diaphragm  
Accelerator jet (Different Nos. Available)  
All types of gaskets kits  
Air screws / Mixture Screw  
C.B. Shaft Assy. with Disk (Butterfly)  
Needle valve seat  
Throttle Plate Assy.  
Slow Running Adjuster Screws  
Float Chamber Cover Assy.  
Solenoid valves  
Thermostat Assy.

# Product Profile



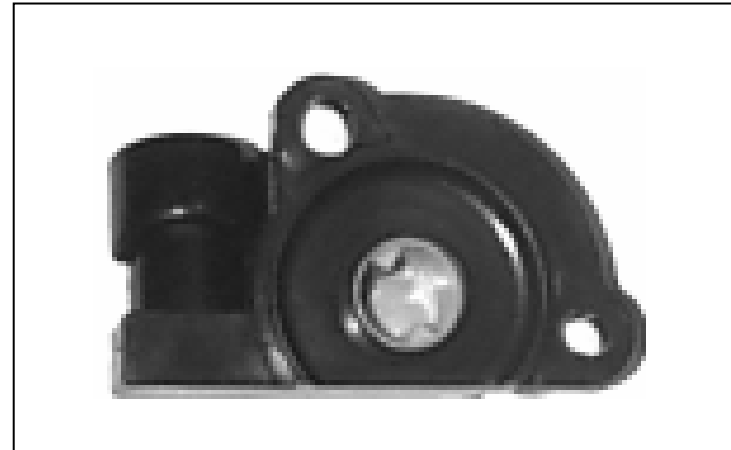
**Throttle Body Assy.**



**Fuel rail Manifolds.**



**Valve PCVs**



**Throttle Position Sensors.**

# Product Profile



**Carburetors for Automobiles**



**Electrical & Mechanical Fuel Pumps**



**Carburetors for Motorcycles, Scooters**

# Product Profile



**Carburetors for Portable Gen Sets & stationary Engines**



**Carburetors for Gasoline Tractors**



**Parts for Kia Pride 1300 cc**



**Crank Shafts, Con Rods & Gears**

**PACCO**

# Product Profile



**Jets For All Carburetors**



**Throttle Shafts for all carburetors**



**Gaskets, Washers, & Rubber Grommets**



**Pump Diaphragms**

**PACCO**



# Product Profile



**Needle Valve Assy.**



**Solenoid Switches**



**Fuel needles for all carburetors**



**Throttle shaft Assy.**

# Machine Turned Components



We have a series of Automatic Sliding Head machines, Traubs & several special purpose machines for the manufacturing of machine turned components. We turn within the diameter range of 2 up to 65 millimeters – dimensions that enable the manufacture of thousands of different products. **Turned parts in brass, steel, stainless steel or aluminum**; machined by means of milling, drilling, threading, punching or gear-cutting...just in time. You decide which solution you need. We deliver your quality products – in large, medium and small series. We can individually adjust to the design of the parts or subassemblies you require. Especially in the production of customer-specific products, one requires quality management skills that work process-oriented and give the employees reliable quality consciousness. Preventive as well as process-accompanying safety measures are supported through **FMEA, FTA, SPC, CAQ and CAD**.

# Metal Stampings

## FABRICATING

Our processes include fabrications of mild steel, stainless, aluminum and alloy steels.

Stamping    Drilling  
Press brake forming  
Brazing  
MIG and TIG welding  
Tumble deburring  
Spot welding  
Tapping and countersinking  
Sandblasting  
Plasma and torch cutting  
Cold saw cutting  
Machining



## BRAZING

Economically brazed using natural gas torches or hydrogen torches and multiple fixturing

Most materials including stainless, brass, copper, mild steel

Stampings have been the cornerstone of our business since our beginning. For many years, we've been producing top quality stampings at good prices with excellent service.

High or low quantity  
Automatic stamping to 60 tons

Shallow to medium draw  
Shut heights to 11"

Coining to 250 tons

Most types of metals including stainless steel, copper, brass and aluminum  
Capacity 5 tonnes to 400 tonnes

**PACCO**

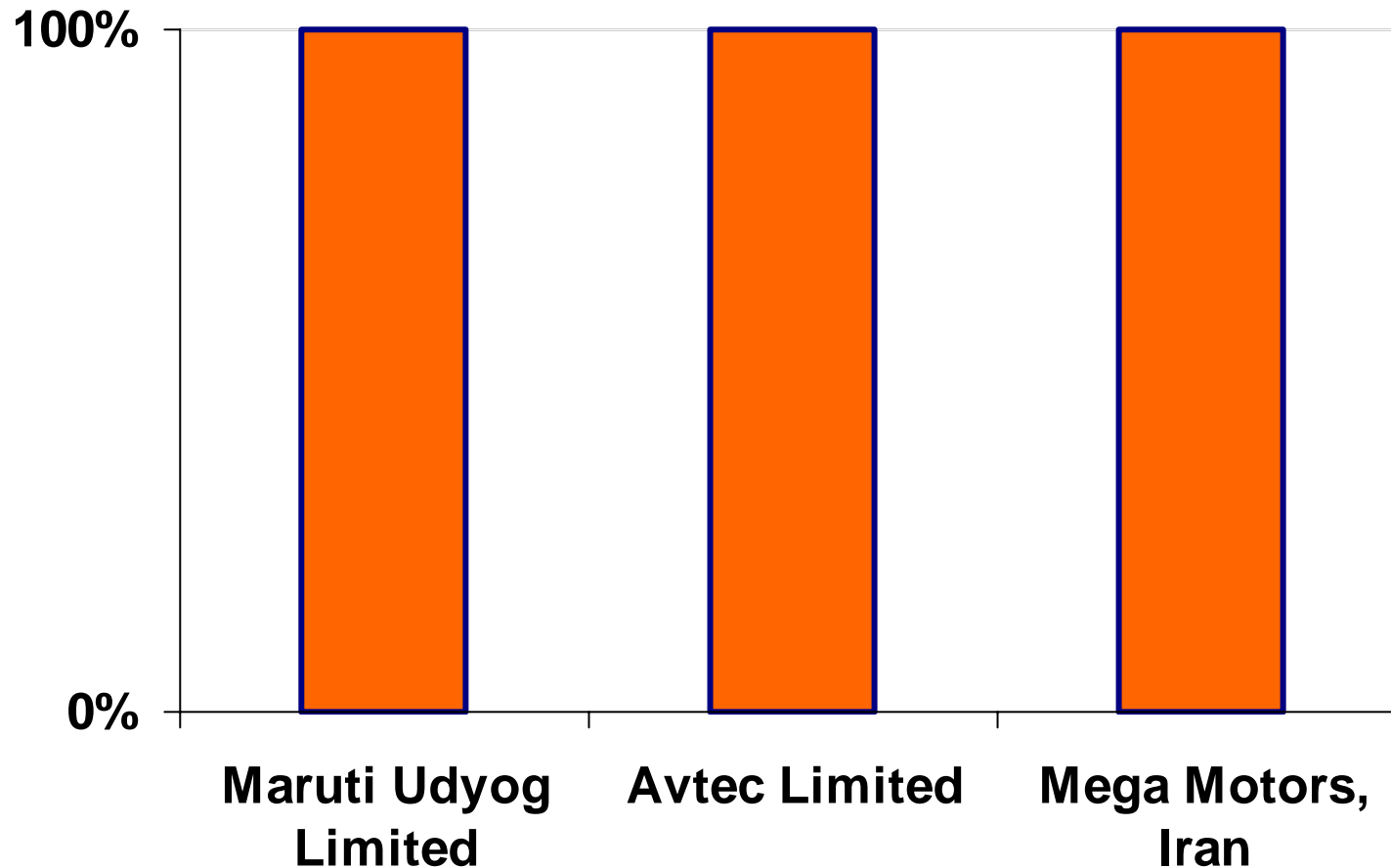
# High Pressure Die Casting



High Pressure die casting facilities are available. We are having 120 T & 250T Cold chamber High Pressure Die Casting Machines of reputed make. We cast Zinc Alloy & Aluminum Alloy.

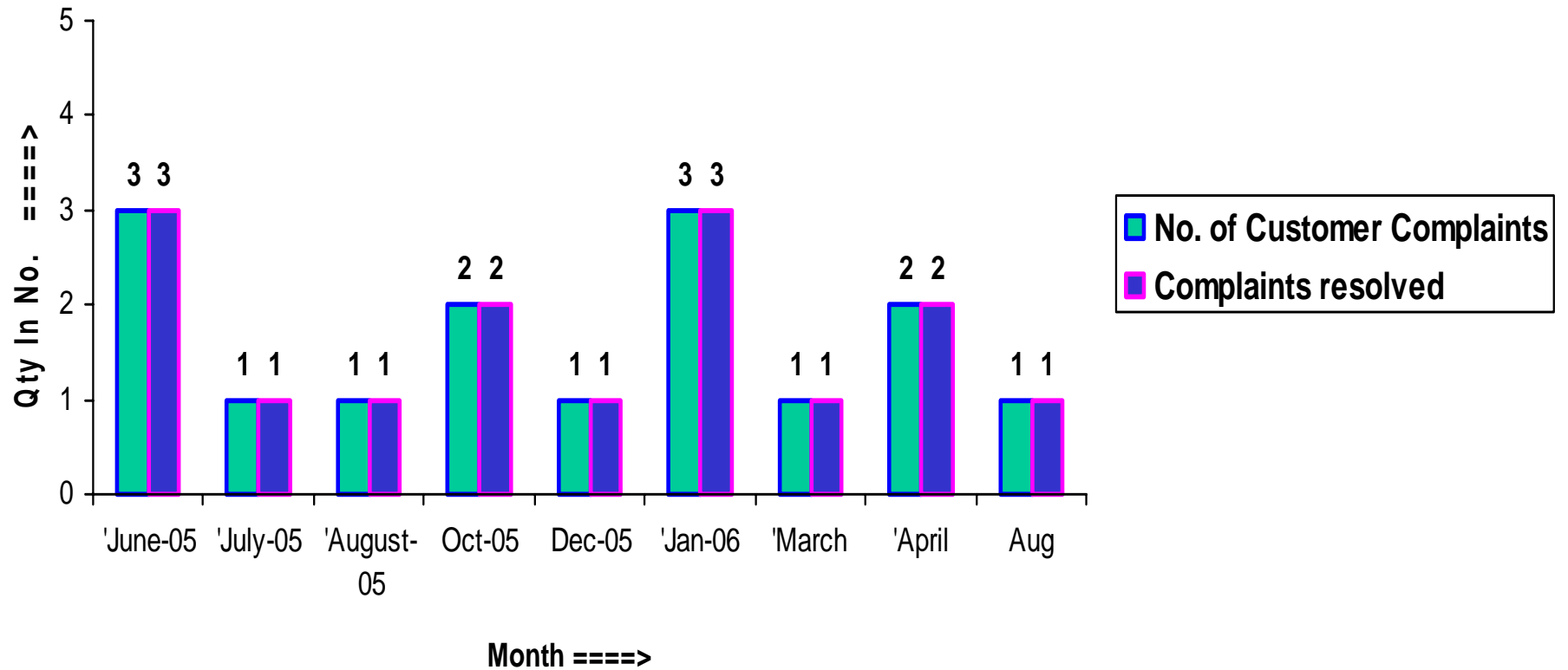
# Business Measurable

Pacco Industrial Corporation- Delivery Performance



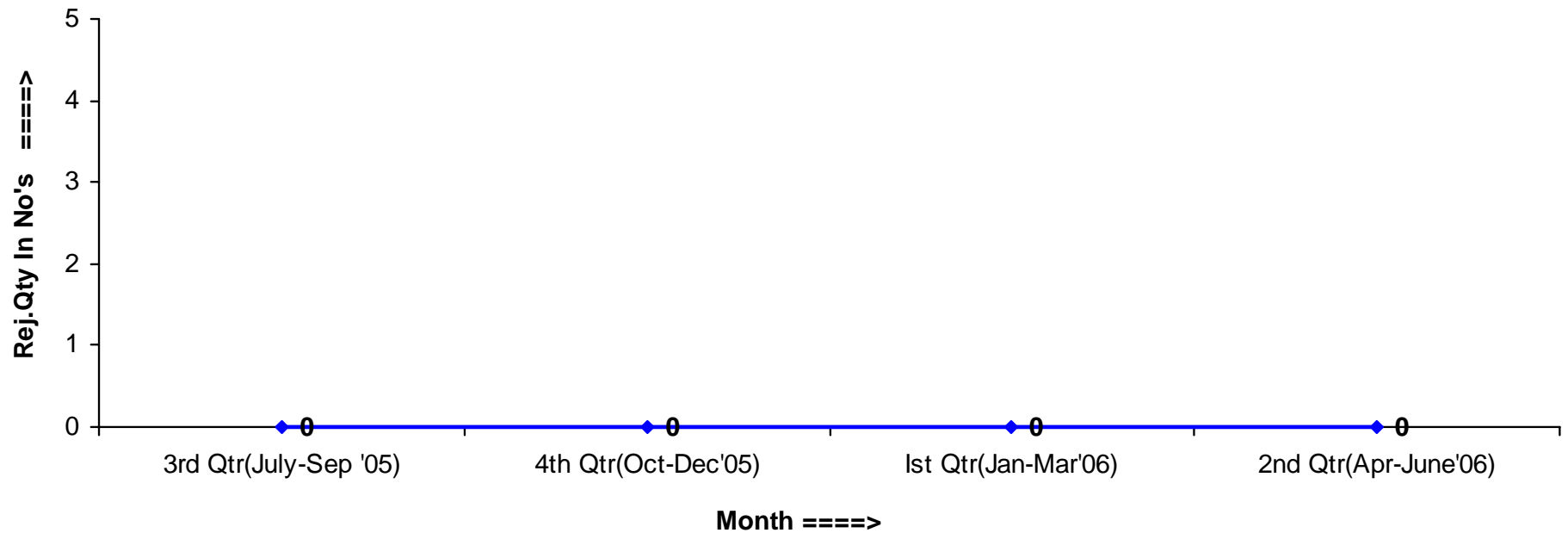
# Business Measurable

## Customer Complaints

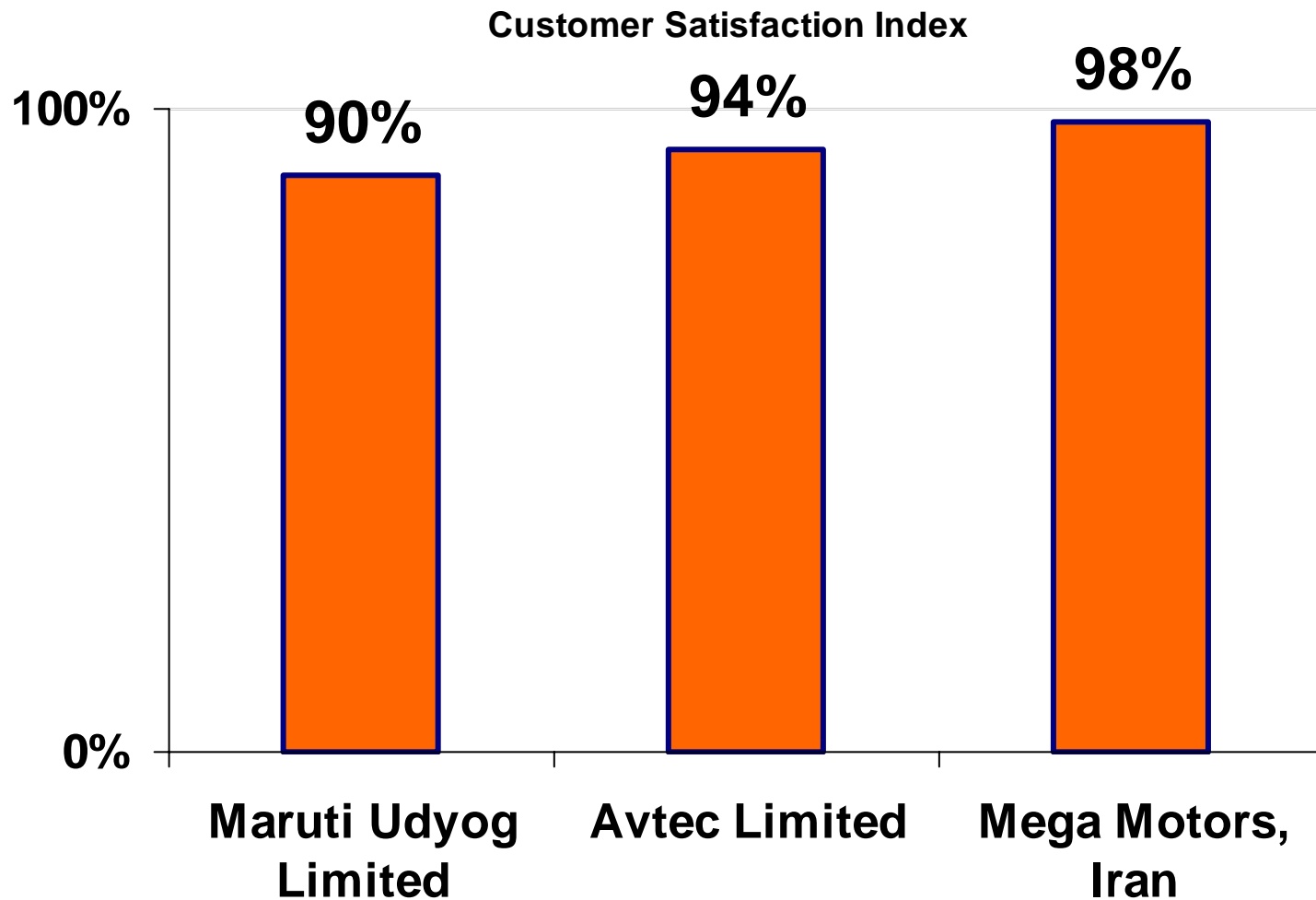


# Business Measurable

## Customer Rejection Trend



# Business Measurable





# Major Customers



Maruti Suzuki Ltd



Mega Motors Iran



Hindustan Motors Ltd.



A&I INC. USA



Birla Yamaha Ltd.



Greaves India Ltd.



Cummins Westport USA\*



Suzuki Powertrain India Ltd.

\*

SOP Starts Oct. 2006

PACCO

# Latest Addition

## Existing Pacco Products

### For MPFI system:

- \* Throttle Bodies
- \* Fuel Rails/Pipe Delivery
- \* Pressure Regulators

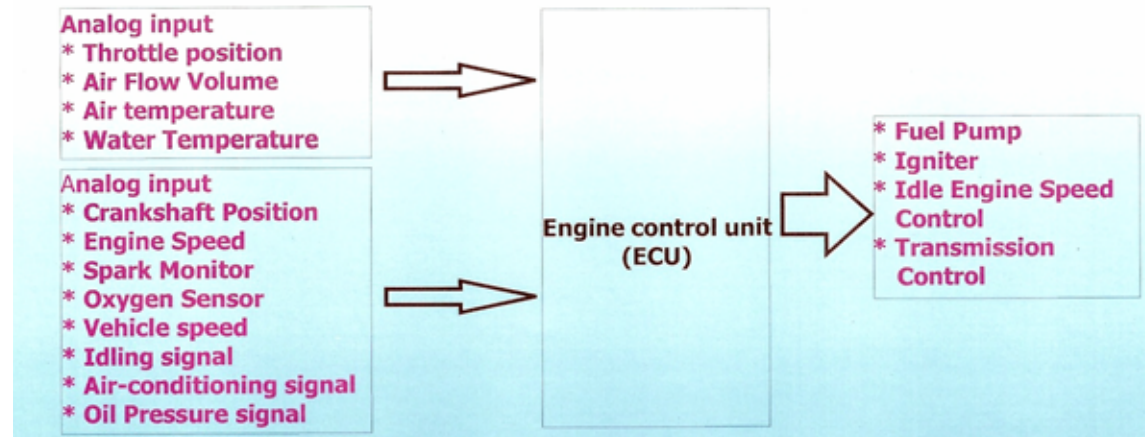
### For Engine

### Management system:

- \* Oil Filter Bracket(diesel)
- \* EGR Assy.
- \* PCV Valves
- \* Check Valve Two Way
- \* Check Valve Fuel Return
- \* Pipe Air Induction
- \* Valve Fuel Tank Rollover
- \* Pipe Spark Plug Hole
- \* Damper Assy.

## Fuel Management Systems Engine Management Systems

Electronically controlled fuel injection system provides the potential for highly precise control of Air/fuel ratios. Pacco MPFI components are precisely designed and manufactured to meet the stoichiometric values of air & fuel. The sample structure of an engine control system consist of :



## Pacco Products for MPFI system under development:

- \* Throttle Position Sensor
- \* Fuel Pump
- \* Idle speed Control Motor
- \* Electronic Control Unit
- \* Idle Air Control Motor
- \* Wiring Harness
- \* Throttle Air Bye pass Valve
- \* Manifold Absolute Pressure sensor
- \* Engine Coolant Temperature sensor

## A Range of Pacco Products for Engine Management System

**We can design & manufacturer MPFI system as per the specifications required by you having an association of a renowned USA Company**

THANK YOU

