

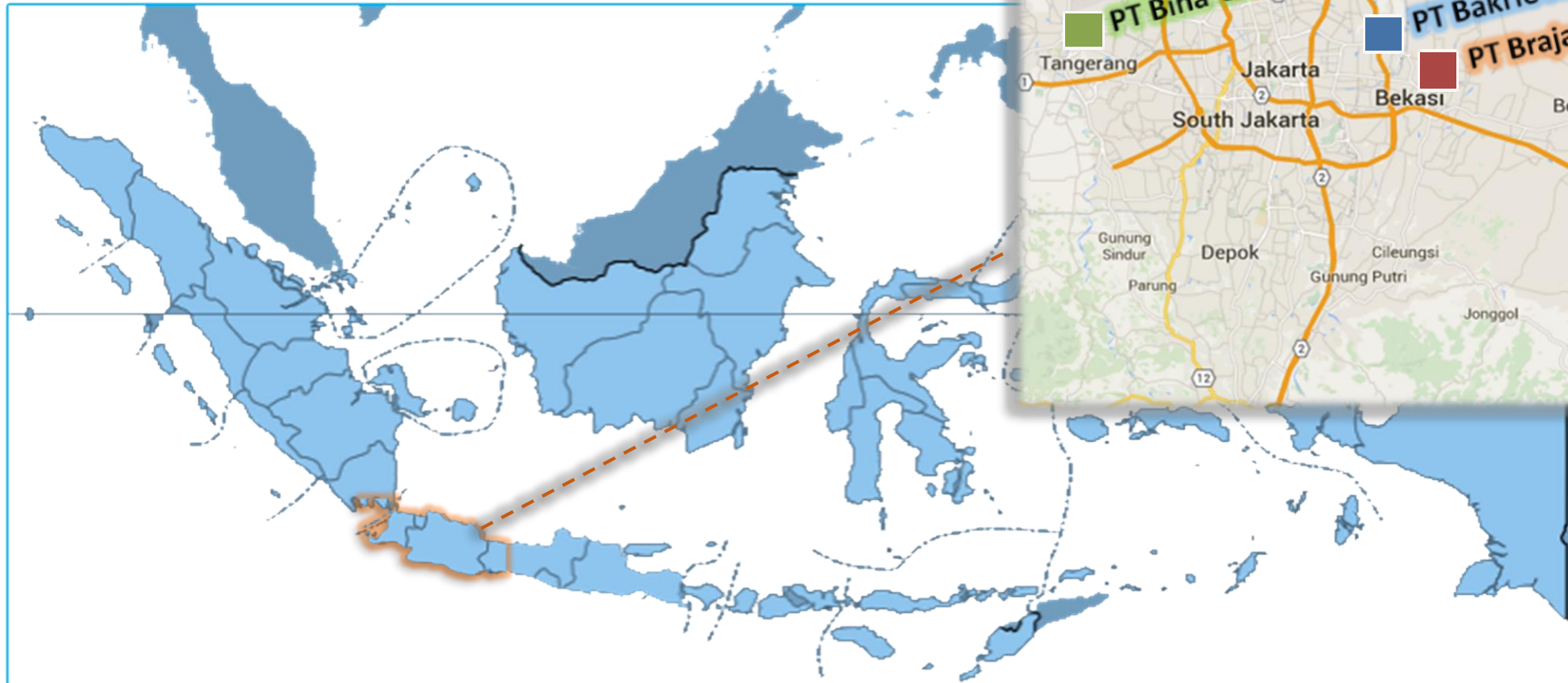
BAKRIE AUTOPARTS GROUP

AUTO COMPONENT MAKER



Your Trustworthy Supplier for Auto Components

Company Information



Company Information

Bakrie Autoparts Group

PT Bakrie Autoparts	PT Braja Mukti Cakra	PT Bina Usaha Mandiri Mizusawa
Jalan Raya Bekasi Km 27, Pondok Ungu Bekasi 17132, PO.Box 112/Bks – Indonesia	Jalan Harapan Kita No 4, Harapan Jaya, North Bekasi 17124, West Java – Indonesia	Jalan EZ Muttaqien, Kel. Alam Jaya, Kec. Jatiuwung - Tangerang, Banten - Indonesia
Established : 1975	Established : 1985	Acquired September 2011
Shareholder - BNBR : 99,99% - KSK : 0.01%	Shareholder - BA : 50% - KTB : 50%	Shareholder - BA : 99,99% - KSK : 0.01%
Line Of Business : Manufacturer For Auto Components, General Casting & Machining Line	Line Of Business : Precision Machinng for Automotive Industries	Line Of Business : Manufacturer For Automotive & General casting
Area : 51,645 Sq.M Working Area : 15,896 Sq.M	Area : 30.000 Sq.M Working Area : 15.000 Sq.M	Area : 27.138 Sq.M Working Area : 10.422 Sq.M
Man Power : 644 Employees	Man Power : 461 Employees	Man Power : 243 Employees

Note

BNBR : Bakrie & Brothers , KTB : Krama Yudha Tiga Berlian, KSK : Koperasi Setia Kawan,



Dino A. Ryandi

President Director / CEO

CEO's Message

“To be a **Winner** in today's tight competition, we have to have the spirit of **Victory** embedded in our heart. This spirit will boost our performance in every activities “



Visionary
Integrity
Customer Oriented
Teamwork
Operational Excellence
Responsibility
Yield Orientation

Company Information

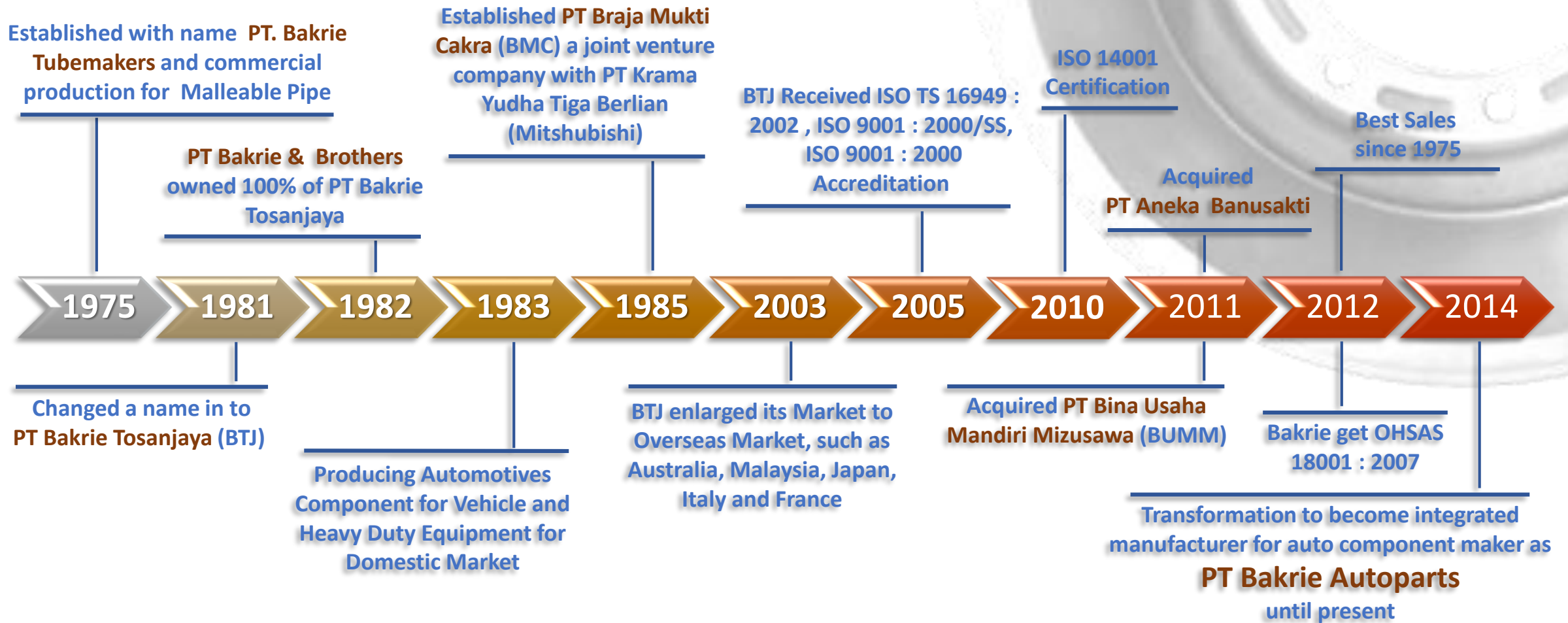
- **Vision :**

- To become a Leading Indonesian Automotive Component Company Producing Various Products and Diversified Investment in the Automotive Industries

- **Mission :**

- To fulfill and satisfy customer's needs and also to provide and maximize the values of shareholders
- To build a highly strong automotive component industry through excellent engineering competencies and also competitive in price and quality of the product
- To develop a mutual strategic partner across domestic and regional of automotive industrial players
- To Deliver Operational Excellence supported by Strong Human Capital

Brief Story



Product Information



Fly Wheel Assy & Housing



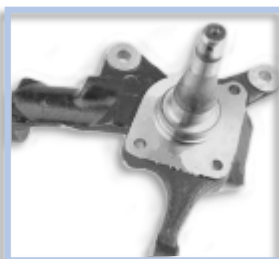
Hub & Brake Drum Assy



Bracket & Seat Trunion Assy



Manifold



Knuckle



Crank Case



Thermostat Assy



Pressure Plate



Disc Brake



Differential Parts



Bracket Parts



Shackle Assy

General Casting

PT YANMAR DIESEL INDONESIA



SUPPORT B. COMP. 840-280



BRACKET U. COMP. 840



BALANCER SHAFT NF 170



BAL WEIGHT TF 55/65



CYL. REAR COVER CST TF 75 EX



FLY WHEEL NF 60/70



PIPE AIR TF 55/65



PUMP BODY



STAY FO TANK TF 270/230

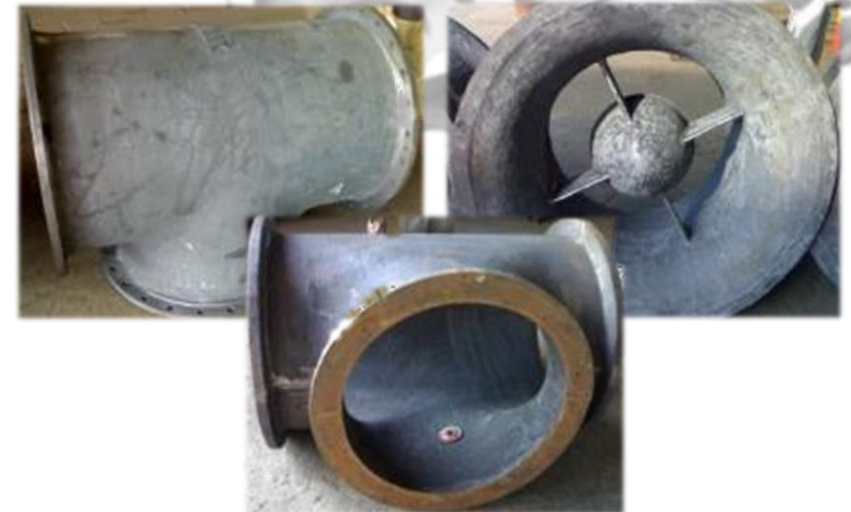
DIES STAMPING



BAKING WHEEL



PUMP HOUSING



LPBH (Manila's sky way project)



Our Customers

■ Automotive Customers



ISUZU



EXEDY



■ Non Automotive Customers



KOMATSU



PT CITRA ANGKASA PERSADA



Kubota

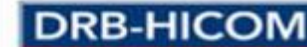
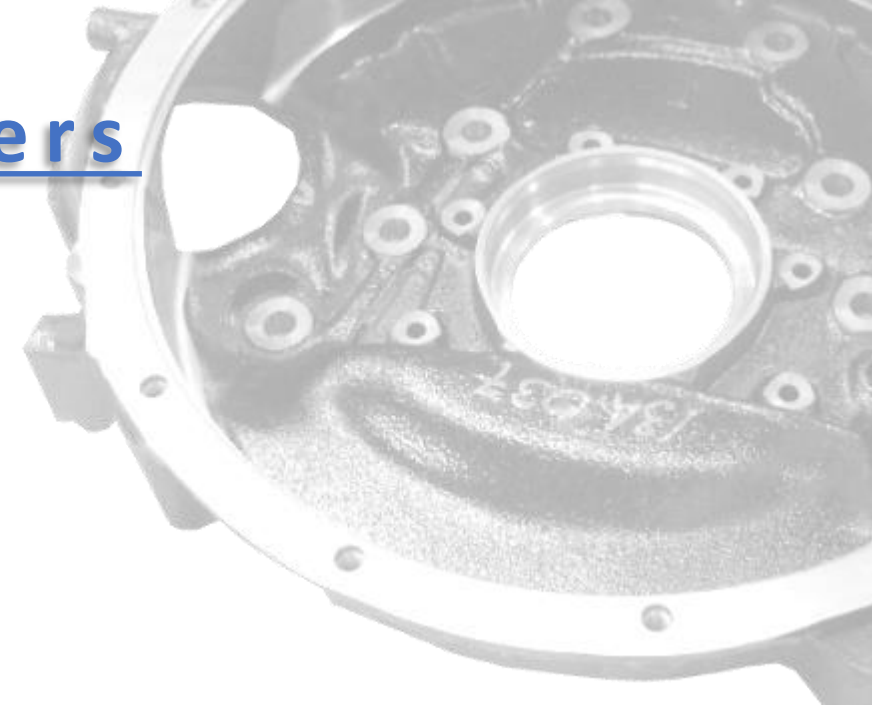
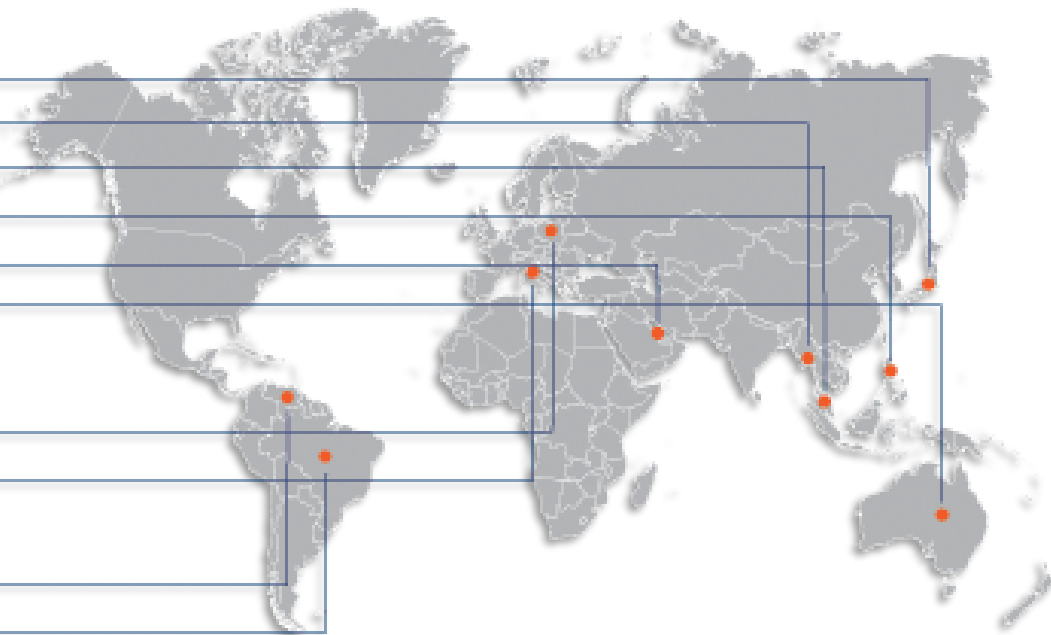


Our Export Customers

Japan •
Thailand •
Malaysia •
Philippines •
Bahrain •
Australia •

Germany •
Italy •

Venezuela •
Brazil •



Foundry Facilities



Shinto Line

Size : 900 X 700 X 250 (2)
Output : 50 mould / hr
Furnace : - 2 Unit x Size 2 Ton
- 4 Unit x Size 5 Ton



BMD Line

Size : 900 X 700 X 300 (2)
Output : 55 mould / hr
Furnace : 3 Unit x Size 4 Ton



Disamatic Line

Size : 480 x 600 (110x300)
Output : 120 mould / hr
Furnace : 2 Unit x Size 3 Ton



AMF Line

Size : 500 X 400 X 180 (2)
Output : 140 mould / hr
Furnace : 3 Unit x Size 5 Ton

Machining Facilities

Line Production

- 17 Line Brake Drum
- 11 Line Hub
- 2 Line Cabin Mounting
- 2 Line Bracket Trunion
- 2 Line Cage Differential Pinion
- 1 Line Broaching
- 2 Line General Bracket
- 3 Line Fly Wheel
- 2 Line Pressure Plate
- 2 Line Disc Brake & Pully
- 1 Line Exh. Manifold Rear/ Front
- 1 Line Exh. Manifold Pipe
- 1 Line Knuckle Include Induction Hardening

Type of Machine Production

- 66 Vertical CNC Lathe
- 42 Horizontal CNC Lathe
- 42 Vertical CNC Machining Center
- 6 Unit Horizontal CNC Machining Center
- 4 Unit Angular CNC Cylindrical Grinding
- etc

Lab Facilities

Sand Analysis

1. Sand Rammer CB
2. Permeability
3. Compressive strength
4. Wet Tensile Strength
5. Active Clay
6. AFS (Sieve Shakers)
7. Muffle Furnace
8. Moisture Balance

Non Destructive Test Analysis

1. Dye Penetrate
2. Magnetic Particle test / Crack test
3. Modularity test
4. Ultrasonic test

Chemical Analysis

Spectrometer ARL 3460 EOS

Mechanical Analysis

1. Universal Tensile Strength Shimadzu UH 300 kNi
2. Brinell Hardness Machine
3. Impact Machine 30 Kg-m Gotech
4. Inverted Microscope

Measuring Analysis

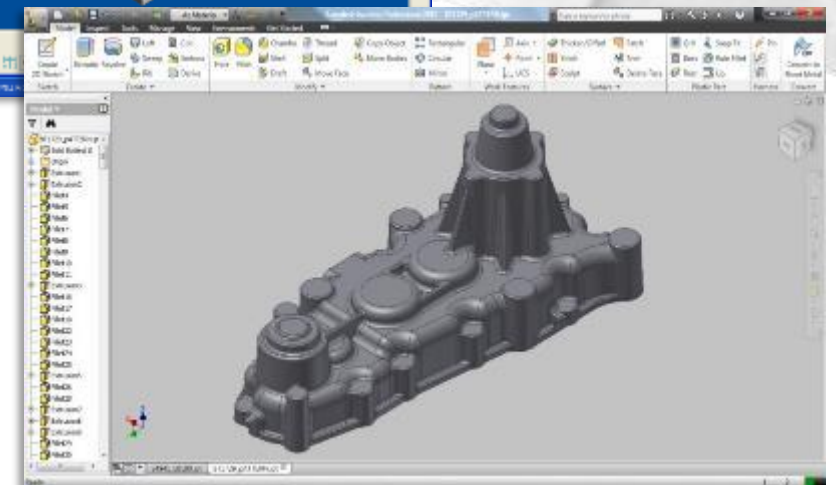
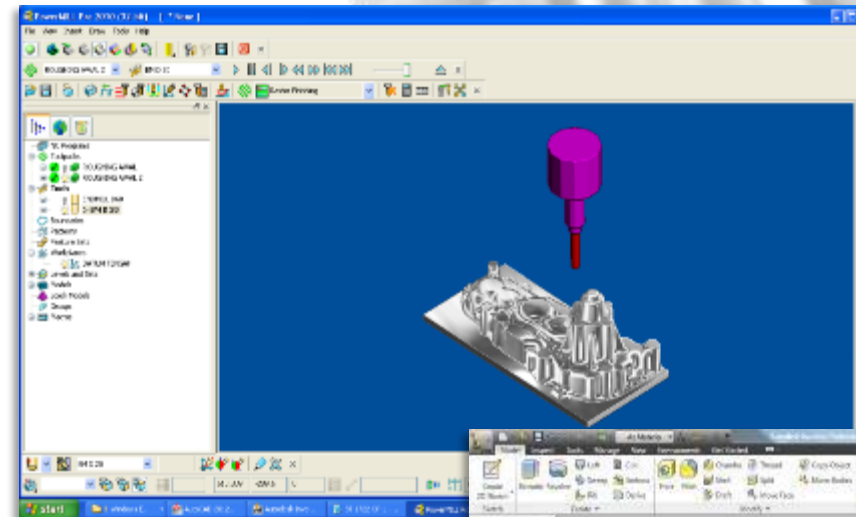
1. Contour tester
2. Rondcom
3. CMM
4. Roughness tester
5. Contracer
6. Surface Granite
7. Block gauge
8. Calibration tester
9. Standard measurement tools
10. Jig and gauges
11. Tool presetter

Engineering Facilities

PATTERN MAKER CNC



POWER MILL PROGRAM FROM DELCAM



AUTODESK INVENTOR PROFESIONAL 2012



Awards





THANK YOU

Your Trustworthy Supplier for Auto Components