



PT. ALBANY ENGINEERING SERVICES REPAIR CENTER DIVISION

OUR VISION

To be a Leader Service Provider and Repair Facility
in the Power Generation, Oil & Gas Industries

OUR MISSION

To Provide a Superior Product and Level of Service
by Employing the Best Resource Available Thereby
Exceeding Customer's Expectation



Company Certified
ISO 45001:2018 / ISO 14001:2015
ISO 9001:2015

BALANCING MACHINE

創平
Balancing Machine



KAMIOKA
VMC-1000



PT. ALBANY ENGINEERING SERVICES

PT. Albany Engineering Services is a highly sophisticated, pioneering, and leading company in Heavy Duty Gas Turbine Repair Services.

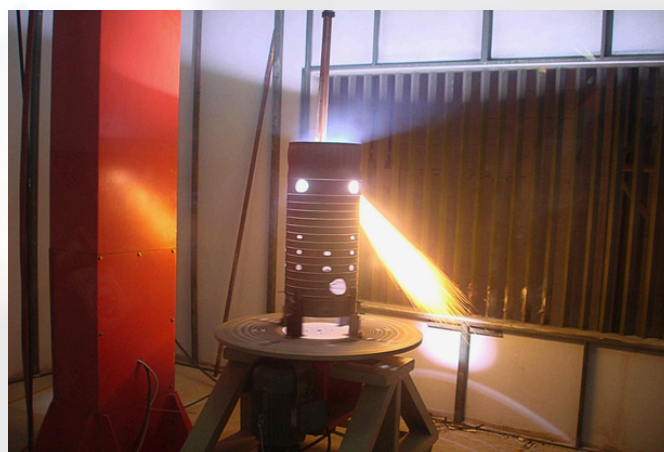
Since its inception, PT. Albany, as an independent service provider, has focused its business on a specialized domain that has grown progressively alongside the increasing use of various types of industrial turbines in Indonesia.

PT. Albany is structured to implement Total Quality Management and complies with ISO 45001:2018, ISO 14001:2015 & ISO 9001:2015 standards.

To serve the current and future demands of industrial turbine operations, PT. Albany is committed to expanding its scope of responsibility, increasing market reach, and allocating more dedicated resources by offering a wide range of turbine component repair services.



FUEL NOZZLE TEST BENCH



TBC COATING, PLASMA SPRAY SYSTEM

HEAVY DUTY GAS TURBINE COMPONENTS REPAIR :

- Gas Turbine Vanes
- Compressor Diaphragms
- Transition Pieces
- Lock Plates
- Combustion Baskets
- Transition Clamp Shells
- Shroud Blocks
- Fuel Nozzles
- Ring Segments
- Compressor Stators

TEST & READING :

- Balancing : Unbalance level, correction weights, residual vibration
- Compressor : Clearance, pressure readings, alignment accuracy
- Gas Turbine : Blade gap, temperature, axial and radial clearances
- Pump : Flow rate, pressure head, shaft alignment
- Vibration : Amplitude, frequency spectrum, overall RMS
- Maintenance : Oil level, bearing condition, thickness, wear rate



VERTICAL TURNING LATHE
TO MACHINE NOZZLE DIAPHRAGM, SHROUD BLOCK, ETC

PT. ALBANY ENERGY CAN PROVIDE :

Turbo machinery
relocation, plant
modifications,
upgrades and new
plant development

Power plant
machinery
surveys and
assessments

Turbo
machinery
repairs, overhaul
and
maintenance

Boiler
refurbishment

New and repaired
component
supply

Project
management and
training

Long-term
Service
Agreements
(LTSA's)



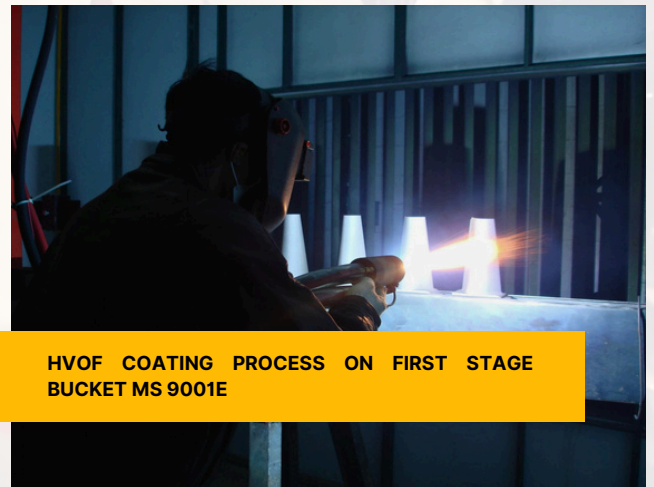
HIGH TECH TURBINE TECHNOLOGY

PT. Albany is dedicated to the repair of components for heavy-duty gas turbines. We deliver the highest quality refurbished parts with the shortest turnaround time to ensure your complete satisfaction.

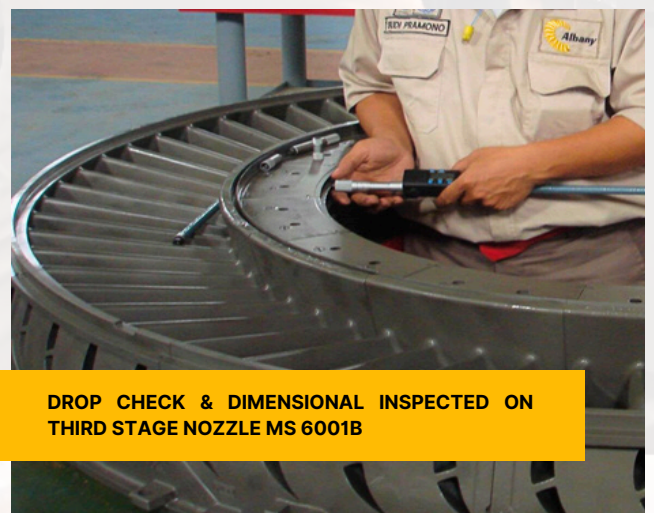
We utilize a wide variety of advanced technologies to extend the life of your turbine components, all supported by our 4,000 m² repair facility.

Backed by a team of experienced engineers and metallurgy specialists, we know exactly what your damaged parts need to be restored to their highest possible quality.

As an independent service provider, PT. Albany supports utilities, IPPs, and equipment manufacturers in today's fast-changing market. We assist with the installation and commissioning of both new and used plants worldwide, in accordance with the industry's highest standards, regulatory requirements, and your satisfaction.

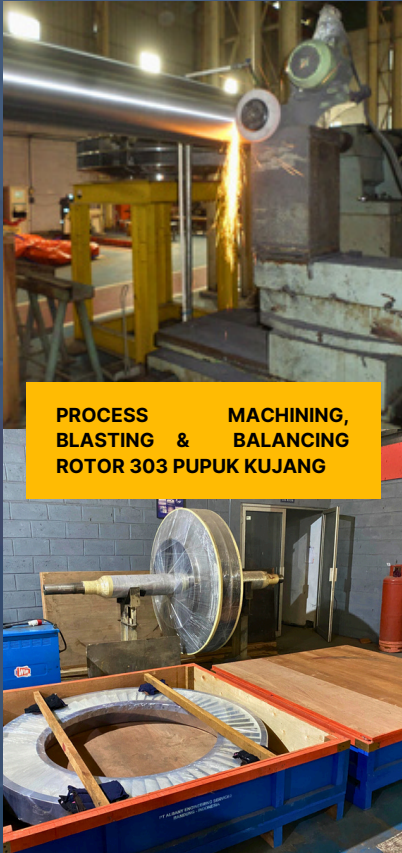


**HVOF COATING PROCESS ON FIRST STAGE
BUCKET MS 9001E**



**DROP CHECK & DIMENSIONAL INSPECTED ON
THIRD STAGE NOZZLE MS 6001B**

KEY ADVANTAGES OF PT. ALBANY ENGINEERING SERVICES



GLOBAL TECH SERVICES

PT. Albany, through its strong network of partners and international expertise, provides globally recognized engineering solutions for rotating equipment. Our capabilities are aligned with international standards in design, manufacturing, and repair — ensuring our clients receive the same level of technical quality delivered by global OEMs.

OEM-GRADE TURBINE PARTS SUPPLY

We supply a complete range of new and refurbished gas and steam turbine parts for major global brands such as GE, Westinghouse, Alsthom, Hitachi, ABB, Solar, and Mitsubishi. This enables us to support clients worldwide with hard-to-source components, both for scheduled maintenance and emergency repair needs.

QUALITY, SAFETY, AND ENVIRONMENTAL COMMITMENT

PT. Albany is committed to delivering services that go beyond customer expectations. We are focused on driving continuous improvement in safety performance and environmental responsibility, making our operations a benchmark in both technical and ethical excellence.

HUMAN RESOURCE DEVELOPMENT PROGRAM

We believe our people are our most valuable assets. PT. Albany continuously invests in developing our workforce through structured training programs that are officially recognized by leading rotating equipment manufacturers. This ensures our teams stay up to date with the latest technological practices in repair and diagnostics.

INDUSTRIAL APPRENTICESHIP SCHOLARSHIP

As part of our talent development strategy, we offer a scholarship program called "The Industrial Apprentice Training". Selected candidates undergo intensive technical education with full sponsorship from PT. Albany, preparing the next generation of engineering professionals in the energy and manufacturing sectors.

FIELD SERVICES EXPERTISE

Rotating equipment is the critical core of every industrial facility. Our dedicated field service task force is equipped to perform on-site repair, troubleshooting, inspection, and commissioning — minimizing downtime and ensuring reliable plant operations.



REPAIR CAPABILITY

GE UNIT

	FRAME 6B	FRAME 3 & 5	FRAME 7B & 7EA	FRAME 9E
Combustion Liner (CL)				✓
Transition Peaces (TP)				✓
First Stage Shroud Block (S1S)	✓	✓	✓	✓
Second Stage Shroud Block (S2S)	✓	✓	✓	✓
Third Shroud Block (S3S)	✓		✓	✓
First Stage Nozzle (S1N)	✓	✓	✓	✓
Second Stage Nozzle (S2N)	✓	✓	✓	✓
Third Stage Nozzle (S3N)	✓		✓	✓
First Stage Bucket (S1B)	✓	✓	✓	✓
Second Stage Bucket (S2B)	✓	✓	✓	✓
Third Stage Bucket (S3B)	✓		✓	✓
Fuel Nozzle (FN)	✓	✓	✓	✓
Bearings	✓		✓	✓

REPAIR CAPABILITY

NON GE UNIT

A. ABB 13 E1 & E2

- Tule Stage # 3
- Tule Stage # 4
- Tule Stage # 5
- Burner
- Lanche

B. MITSUBISHI MW 701D

- Vane Segment Stage # 2,3,4
- Transition Pieces
- Combustion Basket

C. WESTING HOUSE

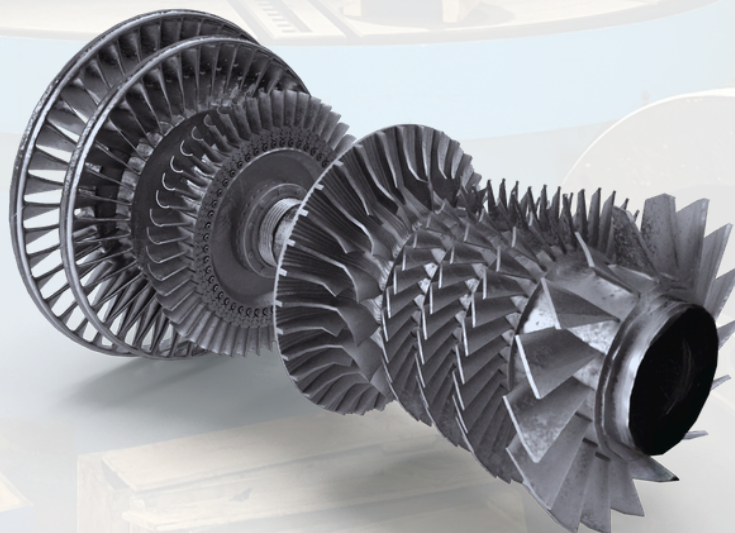
- Vane Segment Stage # 1,2,3,4,5
- Transition Piece
- Combustion Basket
- Blade Stage # 1 and Stage #2 (W 251 Only)

REPAIR CAPABILITY

SIEMENS

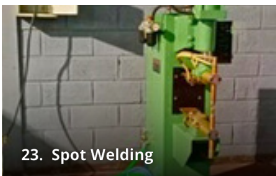
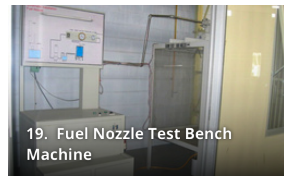
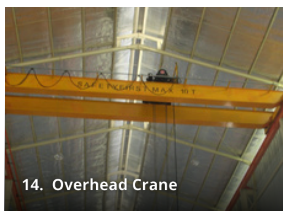
V.94.2 & V.94.3

- Inner Casing
- Mixing Chamber
- Stator Blade
 - Stage 1 - Stage 3
 - Stage 2 - Stage 4
- Rotor Blade
 - Stage 1 - Stage 3
 - Stage 2 - Stage 4



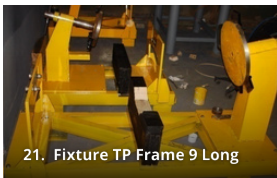
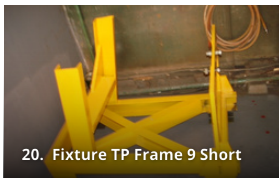
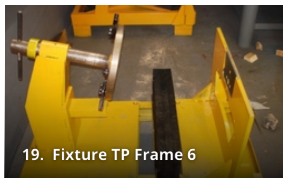
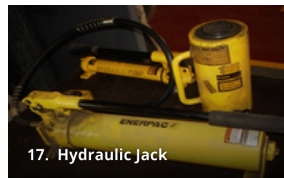
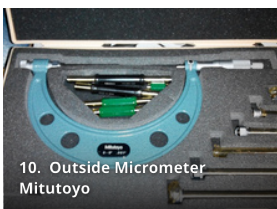
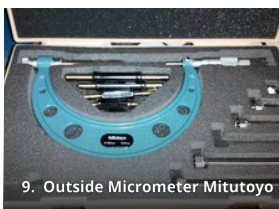
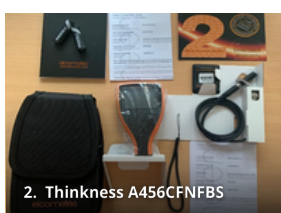
Workshop Machine Facilities

No.	Machine	Technical Specification	Qty	Voltage
1	Welding Machine	WIM TG 310 P, 350 A Transformer	12	380/2Phase/50Hz
2	Welding Machine	Miller syncrowave TIG 350/350LX/351CC	2	380/3Phase/50Hz
3	A/O Blasting Cabinet	600 Lb Capacity Sandblast	1	220/1Phase/50Hz
4	Blasting Booth	AEROLITE System 12x8x8m, 12 bar	1	380/3 Phase/50Hz
5	Air Compressor	ML 750A/50 Ingersoll Rand Rotary Screw	1	380/3 Phase/50Hz
6	Plasma Spray Coating	Thermach AT3000 Plasma Spray	1	480/3 Phase/50Hz
7	Milling Machine	2 axis	1	380/3 Phase/50Hz
8	Balancing Machine	Schenck HM40BU, Max Load 3000kg	1	380/3 Phase/50Hz
9	Balancing Machine	Max Load 20000kg	1	
10	Horizontal Lathe Machine	Distance Between Center 3000mm	1	380/3 Phase/50Hz
11	Glass Bead Blast Cabinet	300 Lb Capacity	1	220/1Phase/50Hz
12	Vertical Turret Machine	Model C5225, Max Load 20T	1	380/3 Phase/50Hz
13	ABB Robotic	Plasma Spray Robotic System	1	380/3 Phase/50Hz
14	Overhead Crane	Double Girder, Capacity 10 Tons	1	
15	Overhead Crane	Double Girder, Capacity 2 x 3 Tons	1	
16	Overhead Crane	Capacity 20 Tons	1	
17	CNC Milling Machine	4 Axis, Table 80 x 60 cm	1	380/3 Phase/50Hz
18	HVOF Spray Machine	LPG & Oxygen fuel system	1	
19	Fuel Nozzle Test Bench Machine	Water Test System	1	380/3 Phase/50Hz
20	Horizontal Lathe Machine	Distance Between Center 6000mm	1	380/3 Phase/50Hz
21	Horizontal Boring and Milling Machine	Spindle Diameter 110 mm	1	380/3 Phase/50Hz
22	High Speed Horizontal Lathe Machine	1500mm, 7HP, Bore 80mm	1	380/3 Phase/50Hz
23	Spot Welding	35 kVA, 14kA, 185x190 mm, 210 kg	1	



Workshop Support Facilities

No.	Name	Technical Specification	Qty
Measurement & Inspection Instruments			
1	Micrometer Mitutoyo	8" – 60" / 200 – 1000 mm	1
2	Thinkness A456CFNFBS	Dual FNF separate	1
3	Roughness Test	Surftest SJ-210.0.75MN (IN) 178-561-11E	1
4	Ultrasonik Portabel SIUI	CTS-9005	1
5	Vibrator Meter	VB-8213	1
6	High Gauge Caliper Mitutoyo	0"–15"	1
7	Digital Caliper Mitutoyo	0"–8"	2
8	Outside Micrometer Mitutoyo	500–600mm	1
9	Outside Micrometer Mitutoyo	0–150mm	1
10	Outside Micrometer Mitutoyo	0"–6"	1
11	Digital Outside Micrometer Mitutoyo	3"–4"	1
12	Inside Micrometer Mitutoyo	50–1000mm	1
13	Inside Micrometer Mitutoyo	50–150mm	1
14	Y-7 Magnetik Yoke	AC > 10 lb / 4.5kg DC > 50 lb / 22.7kg	1
15	Dial Indicator + Magnetik Stand Mitutoyo	0.01 mm No 2046A	1
16	Eletrical Runout (ERO)	7.57 V/mm	1
Fixtures & Support Equipment			
17	Hydraulic Jack		1
18	Forklift	Capacity 3 Tons	1
19	Fixture TP Frame 6		1
20	Fixture TP Frame 9 Short		1
21	Fixture TP Frame 9 Long		1



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**ALBANY
COMMITTED
TO EXCELLENCE**



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<https://albany-bandung.com>



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