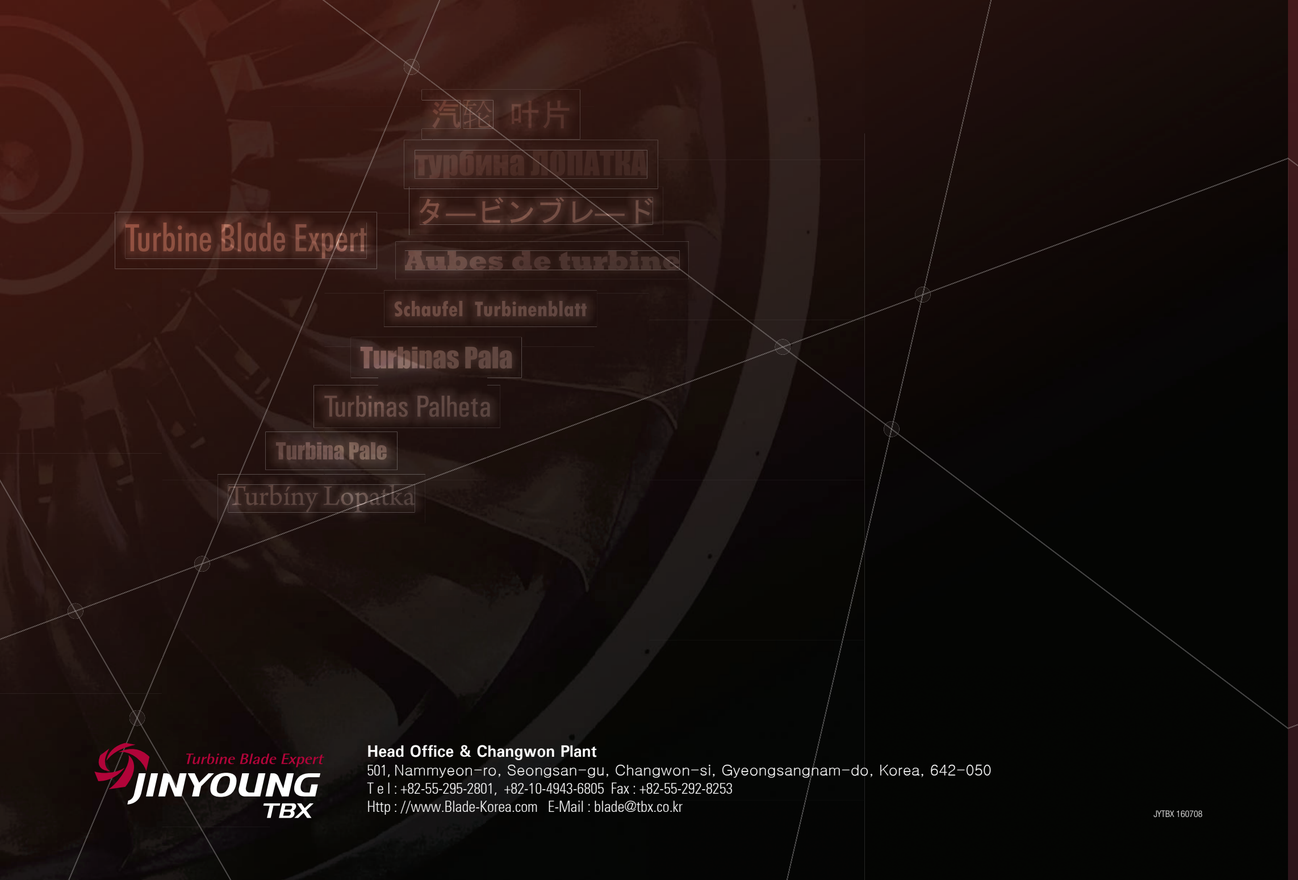


Turbine Blade Expert
JINYOUNG TBX

Head Office & Changwon Plant
501, Nammyeon-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do, Korea, 642-050
T e l : +82-55-295-2801, +82-10-4943-6805 Fax : +82-55-292-8253
Http : //www.Blade-Korea.com E-Mail : blade@tbx.co.kr

JYTBX 160708

Turbine Blade Expert

All of Turbine Blades...

POWER GENERATION

MARINE & PUMP

AEROSPACE

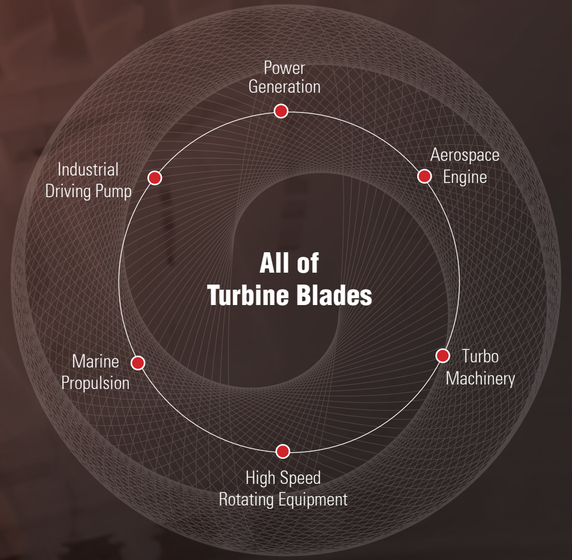
TURBO MACHINERY

Turbine Blade Expert
JINYOUNG TBX

Who is the JINYOUNG TBX?

JIN (進) – Go Straight
YOUNG (泳) – Forever
TBX – Turbine Blade Expert

Business

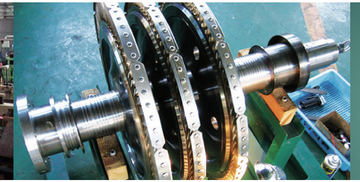


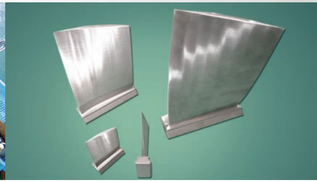
JINYOUNG'S blades are utilized in

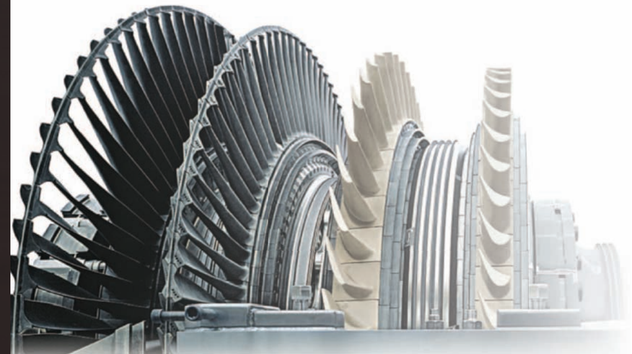










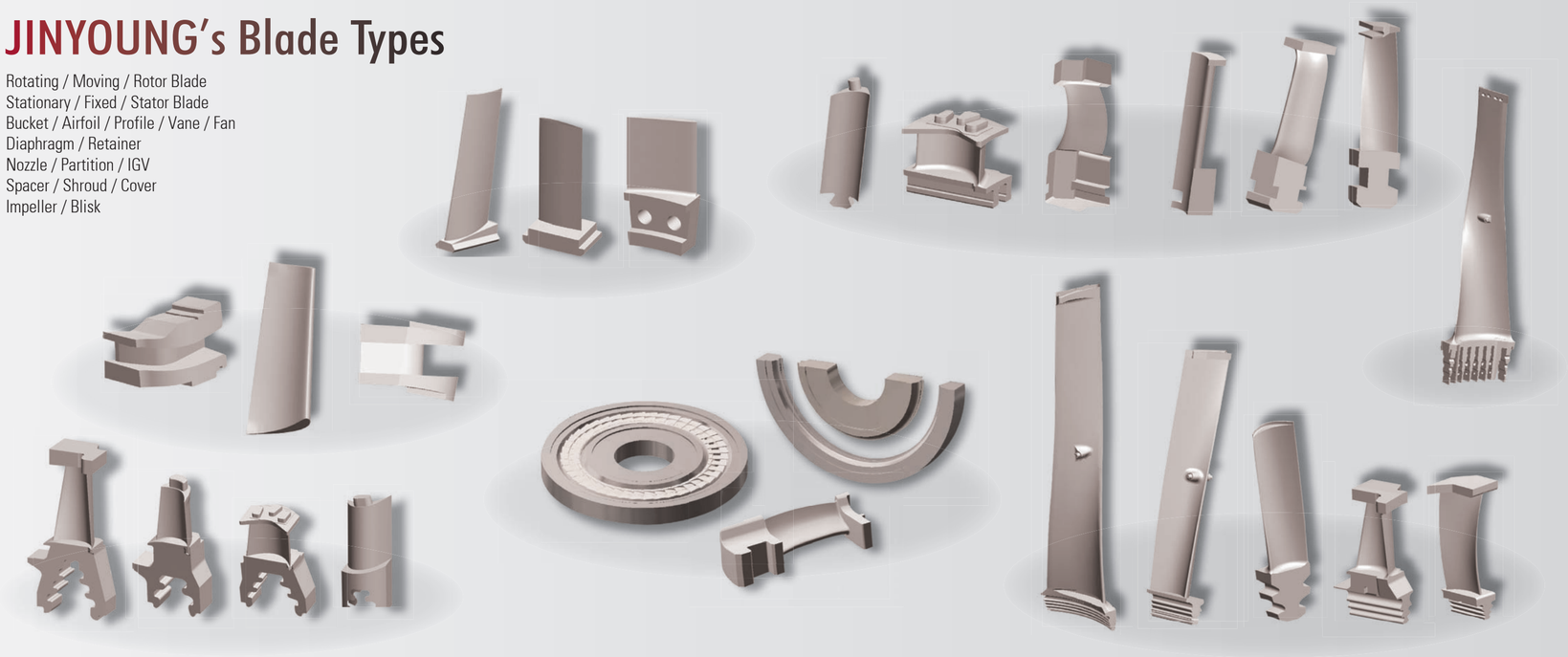


- Gas Turbine
- Steam Turbine
- Nuclear / Thermal / Hydro
- IGCC
- Combined Cycle
- Co-Generation System
- Fossil Fuel System

- FWPT / BFPT
- COPT / WBPT
- Marine Propulsion
- Aerospace Engine
- Industrial Driving Pump
- High Speed Rotating Equipment
- Turbo Machinery / Generators

JINYOUNG's Blade Types

Rotating / Moving / Rotor Blade
Stationary / Fixed / Stator Blade
Bucket / Airfoil / Profile / Vane / Fan
Diaphragm / Retainer
Nozzle / Partition / IGV
Spacer / Shroud / Cover
Impeller / Blisk



JINYOUNG's Blade manufacturing capabilities include



AIRFOIL

- Airfoils up to 60 inch
- Tie Wire Holes / Boss
- Straight or Twisted
- Mid Spans
- Coated / Non-coated

SHROUD

- Integral Shroud / Covered
  - Rectangular / Stepped
  - Concave-convex / Rhomboid
  - Tip / Opened / Angled
  - Tenon (Single & Multi)
  - Squeeler

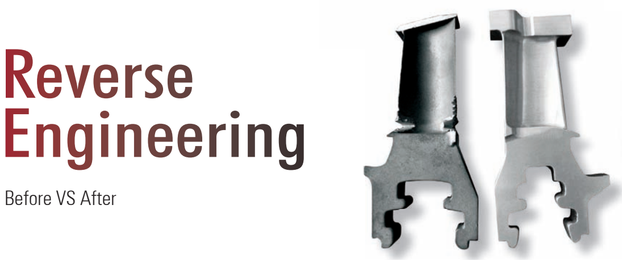
ROOT

- Finger / Pin
  - Ball / Bulb / Shank
  - Internal or External Fir-tree
  - Christmas / Serration
    T & TT
  - Dovetail / Key
  - Round / Diamond
  - Axial Entry
  - Tangential



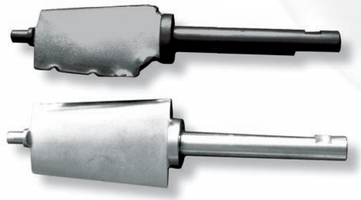
Reverse Engineering

Before VS After





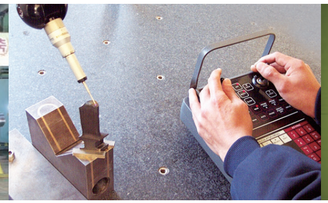








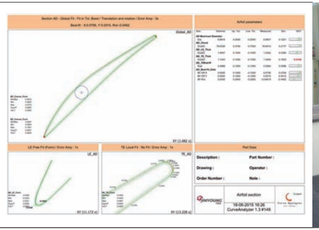






Quality Assurance

AS 9100
ISO 9001













MARINE & PUMP

ITEM

COPT / WBPT

- Cargo Oil Pump Turbine
- Water Ballast Pump Turbine

Capacity

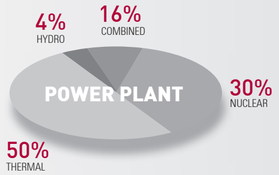
- 300 sets / a year

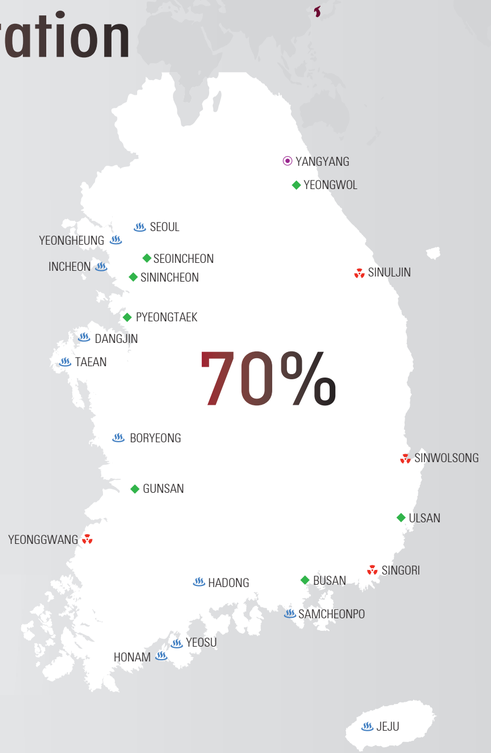


Power Generation In Korea

POWER PLANT

- NUCLEAR
- THERMAL
- COMBINED
- HYDRO





JINYOUNG's Blade Technology

- NUCLEAR POWER PLANT
- THERMAL POWER PLANT
- COMBINED POWER PLANT
- HYDRO POWER PLANT







Global Cooperation



Certificates

