

**NUTECH**

YOURS WINDFULLY

YOUR MINDFULLY

**NUTECH**

**Business Deck**

**NUTECH  
WIND PARTS  
PRIVATE LIMITED**

# CONTENT

01

## About Us

What We do, Our Company, History, Vision Mission, Values, Team and Innovation.

02

## Our Process

Our key departments and its operations

03

## Product Range

Entire product range from Nutech.

04

## Why Us?

Real answer for choosing us

05

## Customers

Our customers and their testimonials

06

## Contact Us

As floating as wind we are improving and innovating every day.

# NUTECH GROUP



Manufacturing of  
**Wind Parts**



Manufacturing of  
**Vibration Isolators**



**Nutech  
Group**



**Company**



**History**



**Vision  
Mission  
Values**



**Team**





**Nutech  
Group**



**Company**



**History**



**Vision  
Mission  
Values**



**Team**

- Exclusive Wind Parts Manufacturer
- Anything and Everything for Wind Parts
- Manufacturing and Service Capability
- Global Presence
- OEM Quality / International Standard
- ISO 9001, 14001 & ISO 45001 Certified
- TQM Practices
- Celebrated 25 Years in the Windmill Industry in 2020

# HISTORY

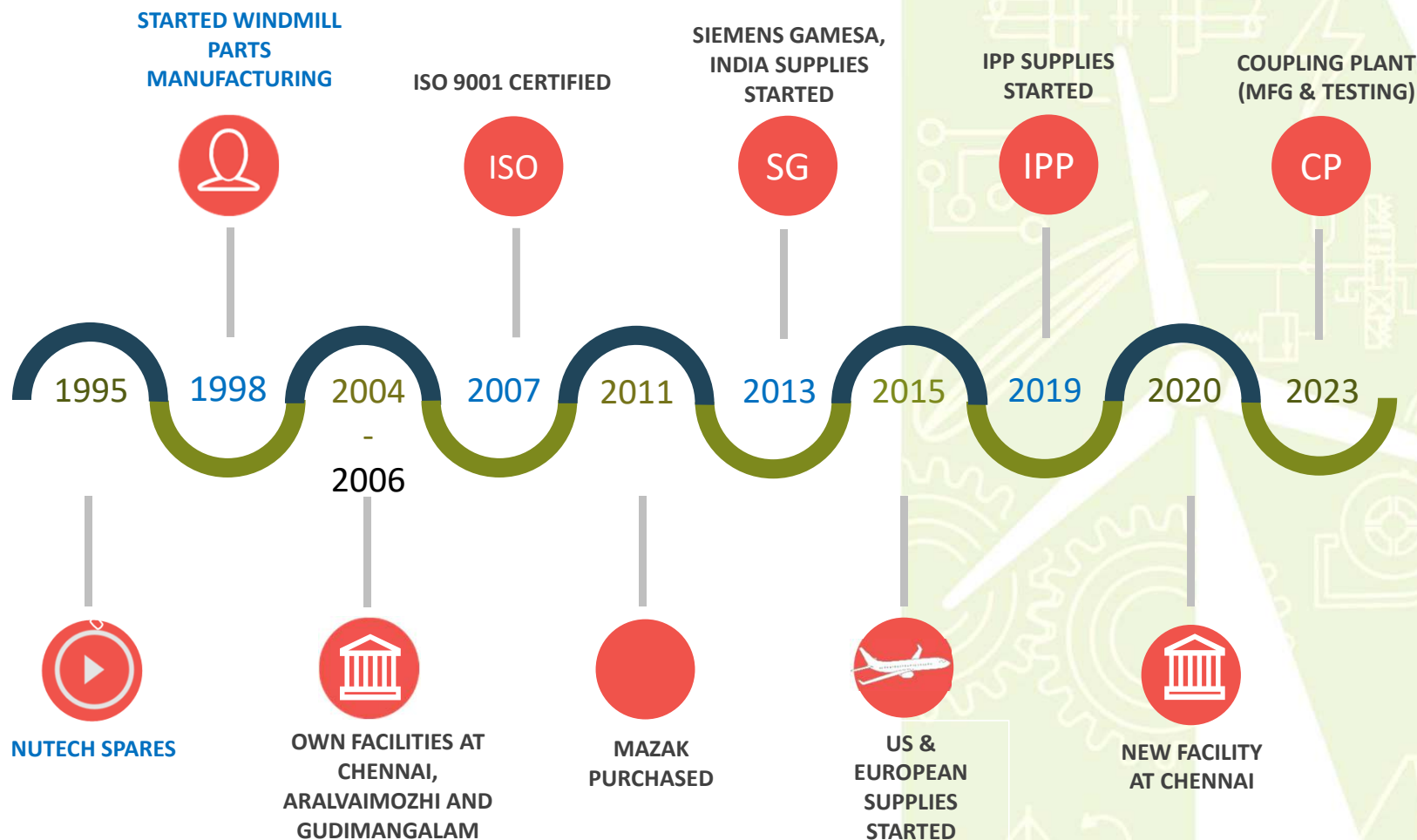
 **Nutech Group**

 **Company**

 **History**

 **Vision  
Mission  
Values**

 **Team**



[FOR DETAILED HISTORY CLICK HERE](#)

# VISION, MISSION & VALUES



Nutech  
Group



Company



History



Vision  
Mission  
Values



Team



**NUTECH**  
YOURS WINDFULLY

To become a Preferred  
Global leader and  
One roof Source for  
“Green Energy” Parts  
to support and  
Energise the Globe in  
environment friendly  
way.

## VISION

## VALUES

Novel Ideas and Solutions  
Ultimate Customer Support  
Technology adaptability  
Environmental Responsibility  
Committed Management  
Holistic Approach in Energy  
Wide Knowledge in Wind Parts  
Integrity among employees  
Nurture Learning  
Definite Quality

## MISSION

“Manufacturing  
Top notch parts  
to the  
Green energy  
Customers as per  
their needs with  
the support of  
Quality vendors  
and passionate,  
innovative and  
highly positive  
Workforce”



# TEAM



**Nutech  
Group**



**Company**



**History**



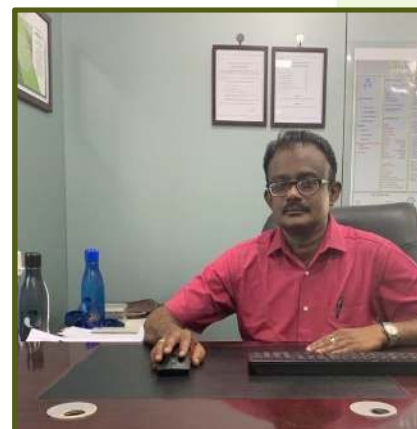
**Vision  
Mission  
Values**



**Team**



**S. MURUGESAN**  
Managing Director



**V. BALAMURUGAN**  
Director - Technical



**S. VISHNU SANKAR**  
Director



BEING POSITIVE IN A NEGATIVE SITUATION IS NOT NAÏVE. ITS LEADERSHIP.

# OUR PROCESS

## DESIGN & DEVELOPMENT



Creativity is nothing but the way to solve new problems..

## MANUFACTURING

Manufacturing is not the application of  
Tools to materials, but logic to work..



## QUALITY

Quality means doing it right when no one  
is looking





# DESIGN & DEVELOPMENT



**iitm  
research  
park**  
Bringing unlike minds together

Newtomech Innovative Solutions (P) Ltd



Fully equipped Design and Development centre.



Dedicated team of engineers



Technical aids like Auto cad , Pro-E, EPDM & Solid works.



Handheld 3D scanner for lightning quick designing fast prototype development.



Tie-up with Newtomech Innovative Solutions (IIT incubated company) for rapid prototyping and reverse engineering.

# MANUFACTURING



Fully equipped facility - 15,000 Sq. Feet.



3 mm pin to transmission shaft of 1 meter diameter.



Entire range of windmill parts.

## Facilities

- Mazak Slant Turn Mill Dia 910, Length 3200mm.
- Vertical Machining Center (VMC) – 2 Nos
- CNC Turning center – 2 Nos.
- 50 – 400 Ton Rubber moulding machine
- 10 Ton EOT Crane.
- Shot Blasting & Metallization.
- Polyurethane moulding line



# QUALITY



The quality assurance of an organization is the final check point before the product is felt and experienced by the customer.



Integrated Management System (IMS) covering ISO 9001, 14001 & ISO 45001.



TQM & Kaizen practicing company



## Instruments

- FARO CMM /
- 3D Scanner inspection
- Multi Dimensional

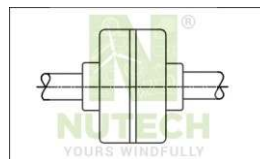


# PRODUCT RANGE

## Our Product Groups

- 10 Product Groups
- 6149 Components
- Covering all Brands & Models.
- For more details visit :

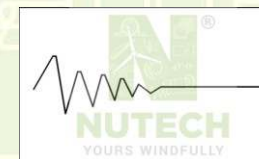
<https://nutechwindparts.com/shop/>



**COUPLINGS**



**MECHANICAL**



**VIBRATION  
ISOLATORS**



**ENGINEERED TEXTILE  
PRODUCTS**



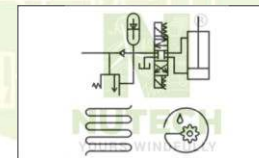
**ELECTRICAL &  
ELECTRONICS**



**ROTATING JOINT /  
SLIP RINGS**



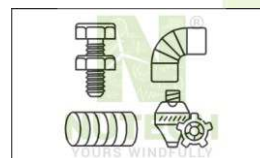
**FRP PRODUCTS  
& ACCESSORIES**



**HYDRAULICS &  
COOLING  
AND LUBRICATIONS**



**MONITORING &  
CONTROLLING  
PRODUCTS**



**OTHER PRODUCTS**



# COUPLINGS



COUPLING FOR 2 MW



OPTIMA SHIM COUPLING



G5X COUPLING



V82 COUPLING



V27 COUPLING



SLIP COUPLING



LOVEJOY & SPIDEX COUPLING



COUPLING ELEMENTS



TORQUE LIMITER



TTG COUPLING



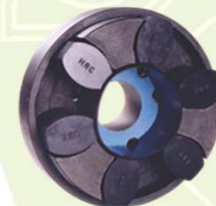
TACKE



NM48 / NM54 COUPLING



NEPC COUPLING



AMTL COUPLING

# VIBRATION ISOLATORS



GEAR BOX MOUNT



GENERATOR MOUNT



GEAR BOX SUSPENSION



SUSPENSION



GENERATOR MOUNT



MOUNT



SPLIT BUSH



AVM



PW INNER & OUTER



AVM



NACELLE



SPRING DISC



AVM



BUFFER



AVM



GEAR STAY

<https://nutechwindparts.com/shop/>



# BRAKES



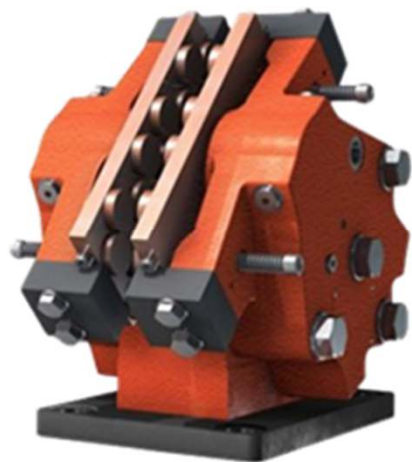
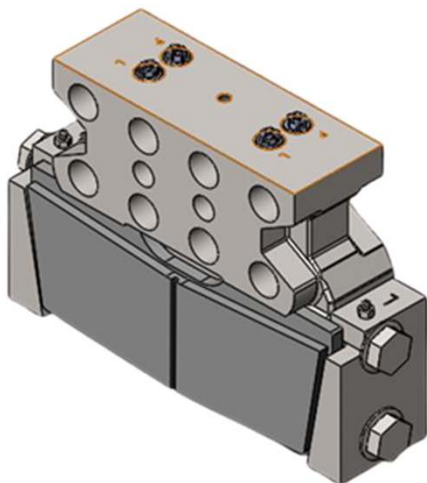
**BRAKE PADS**



**BRAKE DISC**

<https://nutechwindparts.com/shop/>

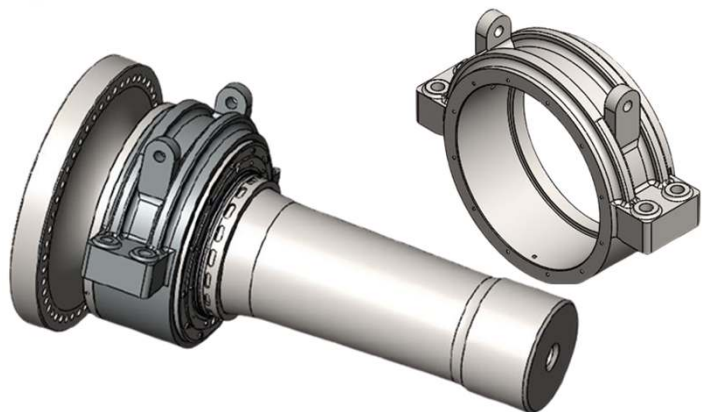
# BRAKES



**CALIPERS**



# HOUSING & CASTINGS



**MAIN BEARING ASSY. FOR V82**



**TRAVERSE**



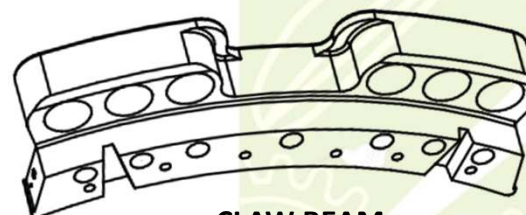
**MAIN BEARING ASSY. FOR V27/V47/G5X/PW250**



**CONSOLE**



**PITCH LEVER AND ARM**



**CLAW BEAM**



**OUTPUT SHAFT HOUSING**



**GENERATOR / GEAR BOX HUB**



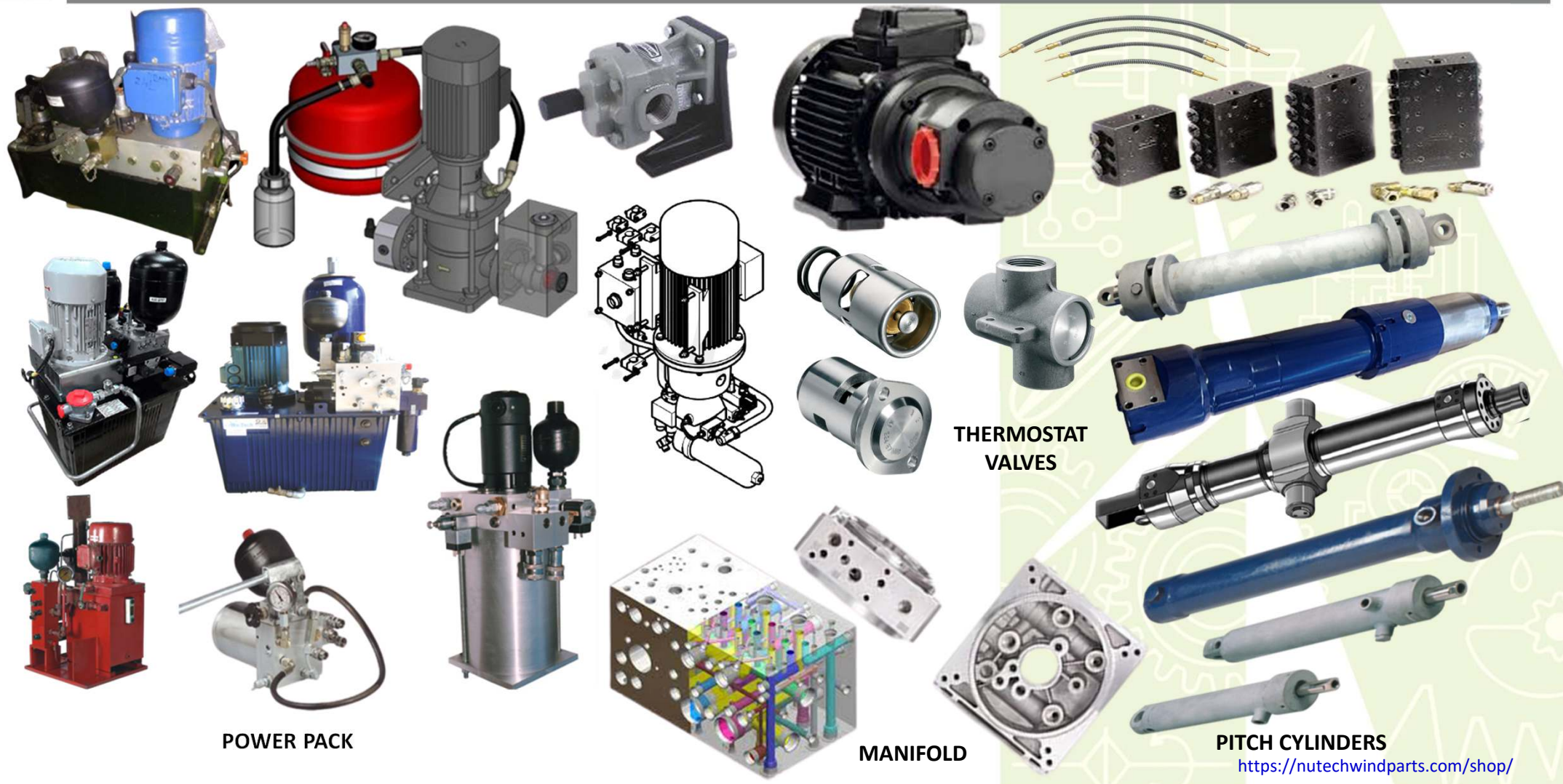
**BELL HOUSING**



**PLUMMER BLOCK**

<https://nutechwindparts.com/shop/>

# HYDRAULIC & COOLING SYSTEM





# HYDRAULICS



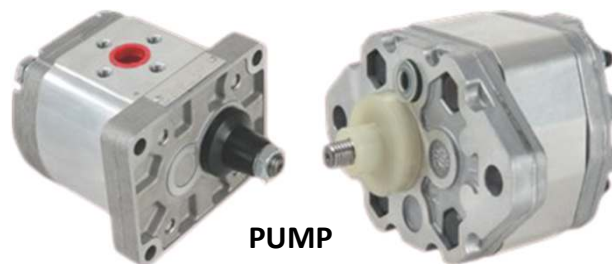
HYDRAULIC FILTERS



QRC



ACCUMULATOR



PUMP



MINIMISE HOSE & COUPLING



SEAL KIT



RUPTURE DISC



VALVES

<https://nutechwindparts.com/shop/>

# GEARS & DRIVES



**YAW GEAR UNIT**



**BLADE BEARING**



**SLEWING BEARING**



**YAW TOP**



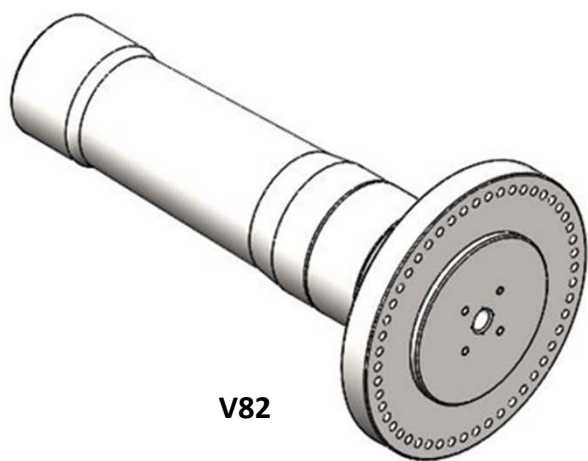
**GEARS**



**GEAR CARRIER**



# SHAFTS



V82



V47



V27



NEPC 225KG /400 KW



PW



NM48

# BELLOWS & COVERS



**Air Exhaust**



**CHAIN BAG**



**AIR EXHAUST**



**AIR COOLER DUCT**

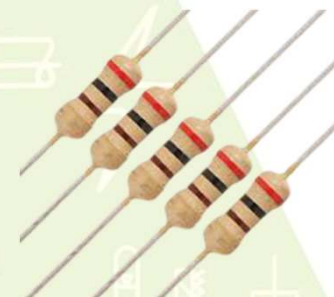
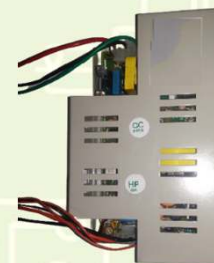
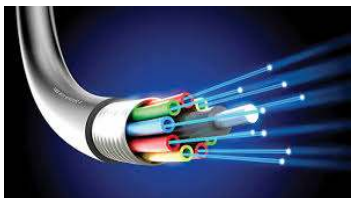


**HUB COVER**



**SLIM NACELLE COVER**

# ELECTRICAL CONSUMABLES





# ELECTRICAL CONSUMABLES



<https://nutechwindparts.com/shop/>

# ELECTRICAL CONSUMABLES



<https://nutechwindparts.com/shop/>



# ROTATING UNION / SLIP RING



**ELECTRIC ROTATING JOINT / SLIP RING /  
CARBON BRUSH**



**HYDRAULIC ROTATING JOINT / UNION**

<https://nutechwindparts.com/shop/>



# FRP PRODUCTS & ACCESSORIES



**DOOR LOCK**



**BLADE TIP**



**RIGGING SCREW  
(TURN BUCKLE)**



**TIP GUIDE BUSH**



**NOSE CONE**



**FLANGE / BLADE CUFF  
GREASE TRAY**



**BLADE SEAL**



**BLADE TIP (FISH)**



**CAM SHAFT**



**WIRE ROPE**



**LOCATING BUSH**



**GUIDE PIN**



**TORQUE (CRANK) ARM**

# WHY US?

## SUCCESS STORIES

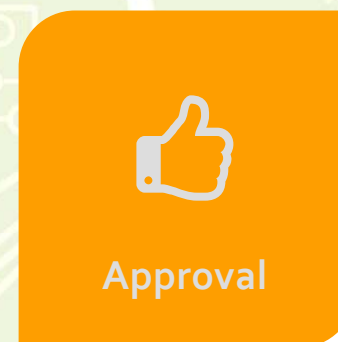


25 years of supplying parts to the windmill industry, including OEM, IPP's, ISP's and Export Customers.

TQM Practices award from Siemens Gamesa Renewables Pvt .Ltd..



Nutech has achieved year on year growth for the last several years. From a single product to a 3000 parts organization satisfying customers requiring parts for every brand /model of WTG.



Nutech got AMSC – Austria design approval vide AMSC – ID No – 26120424 for 2.0 MW Arm Coupling. The total maximum torque achieved is 35000 NM without any damage.

Light weight and fail safe coupling and also served with torque limiter and shrink disc.

# WHY US?

## STRENGTHS

Ultimate customer support, Inch wide mile deep Spread across the Globe



YOY growth, 3000 parts, Integrated Quality System, TQM



Quality vendors, passionate, innovative and highly positive Team



Dedicated facility for windmill parts mfg. Expansion under progress



Wide knowledge in Wind Parts. 25 years as dedicated windmill parts supplier



Innovative, Novel Ideas & solutions to your problems Adaption of new technology

Our Business process is so perfect to attain the goal of our customer's need

# CUSTOMERS

OEM

OVERSEAS

DOMESTIC  
IPP'S & ISP'S

# OEM CUSTOMERS

**SIEMENS Gamesa**  
RENEWABLE ENERGY

**SUZLON**  
POWERING A GREENER TOMORROW

**REN**  
ELECTRON

**CWEL**

**Vestas**

**INOXWIND**



**NORDEX** **acciona**  
Windpower

**SENVION**  
wind energy solutions

**ReGen**  
POWERTECH

**LEITWIND**

**Pioneer Wincon**

# DOMESTIC IPP & ISP's

**SIEMENS Gamesa**  
RENEWABLE ENERGY

**Vestas**

**Sanjay Ghodawat Group**

**RENOM**  
Renewing Our Future

**SUZLON**  
POWERING A GREENER TOMORROW

**sembcorp**

**Greenko**

**MYTRAH**

**ReGen**  
POWERTECH

**TerraForm**  
POWER

**CLP INDIA**  
The power of new standards

**CGP**  
ORIENT GREEN POWER COMPANY LIMITED

**POWERCON**  
Harnessing Winds Profitably



# OVERSEAS CUSTOMERS

**SIEMENS** Gamesa  
RENEWABLE ENERGY

**Vestas**

**CONNECTED**  
WIND SERVICES

**tpi** COMPOSITES

**G<sub>2</sub> WIND**

**WANZEK**  
a MasTec company

 free breeze inc

**ABS**  
i2 Engineering & RYASA Groups



**EXIM ENGINEERING INC.**



**INDUSTRIAL  
CLUTCH PARTS**

**WEB**

# CONTACT US



**CONTACT PERSON : S. MURUGESAN – MANAGING DIRECTOR**



**OFFICE LOCATED AT : CHENNAI**



**BUSINESS SECTOR : RENEWABLE INDUSTRY ( WIND )**



**OPERATION : GLOBAL BASIS**



**MOBILE NUMBER : +91 98401 68832**



**EMAIL : [sales@nutechwindparts.com](mailto:sales@nutechwindparts.com)**



**WEBSITE : [www.nutechwindparts.com](http://www.nutechwindparts.com)**



Thank you

Get In touch with us.