

D. M. ENGINEERS

MANUFACTURING OF WIND MILL TOWERS,
FOUNDATION STEEL CANS, GENERATOR
STRUCTURAL PARTS, HEAVY FABRICATION
AND MACHINING

ENGINEERS

INTRODUCTION

- D. M. Engineers entered the windmill industry in the year 2008 when we diversified from spending more than 20 years in the ceramic industry. We have adequate experience in Heavy Manufacturing, Machining & Fabrication starting with the Manufacturing of Nacelle Frames, Tower Sections Top Bottom Flanges, Internals, Door Frames & Foundation cans, etc. In continuous determination with windmill Industries, we built a well-equipped plant for manufacturing windmill equipment at Fazalpur (POR) Vadodara with sufficient facilities.
- At D. M. Engineers we are committed to quality production. Our state-of-the-art manufacturing facility, combined with our team of highly skilled engineers and technicians, allows us to deliver reliable, efficient, and cost-effective windmills to customers around the world.
- We offer a wide range of windmills catering to small scale industry, farms and various off-grid options to customers , each customized to our clients specific needs.
- At D. M. Engineers, we pride ourselves on our commitment to quality and customer satisfaction. Our rigorous quality control standards required by customers, the testing procedures that certify our products are of the quality standards , and our customer-centric approach ensures that we always put our clients' needs first.

IN-COUNTRY SALES

SR. NO..	PRODUCTS	CLIENTS
1	Foundation Rings	GWPL
2	Fabrication of tower flanges and machining	GWPL
3	Door frame machining	GWPL
4	Nacelle from fabrication and complete machining	GWPL
5	Manufacturing of foundation cages	INOX
6	Manufacturing of lattice tower transition section	INOX
7	Manufacturing of BOP cart for work over Rig	ONGC

Product Gallery



2.5MW Furlander Doorframe



Metal nacelle cover



2.5 MW Furlander Foundation cage

Nacelle Frame 750KW export to Aeronautica Wind USA



Product Gallery – Foundation Cages



Manufacturing of BOP Cart for work over Rig.



EXPORT SALES

SR. NO..	PRODUCTS	DESTINATION
1	HH 23Mtr Tower Assembly	USA / Canada / Belgium
2	HH 32Mtr Tower Assembly	USA
3	HH 37Mtr Tower Assembly	Belgium
4	Parts for Generator Assembly	Prague

PRODUCT GALLERY – TOWERS



HH 23Mtr Tower



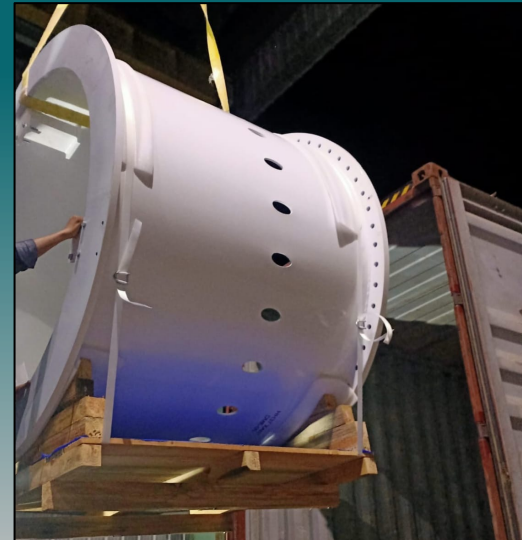
HH 37Mtr Tower



HH 32Mtr Tower



Loading of the Tower



HH37 Foundation Can

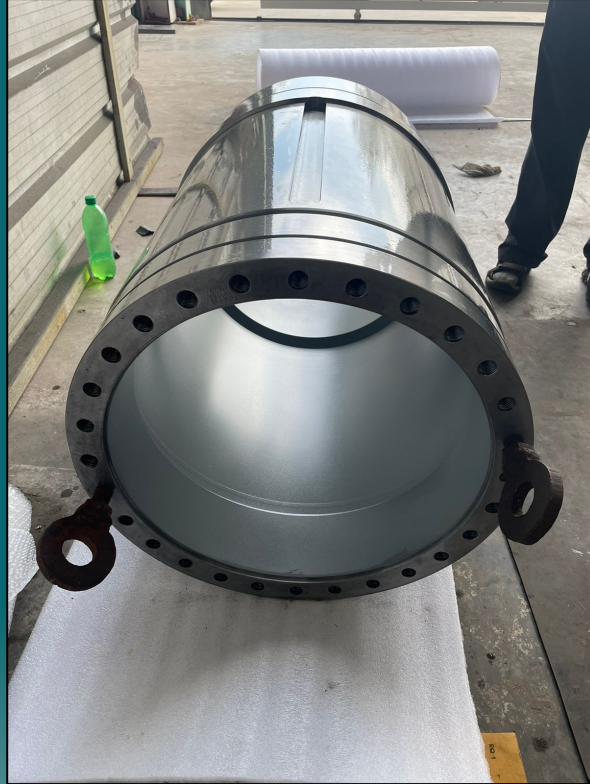
Standalone Towers for our American Clients



GENERATOR PARTS



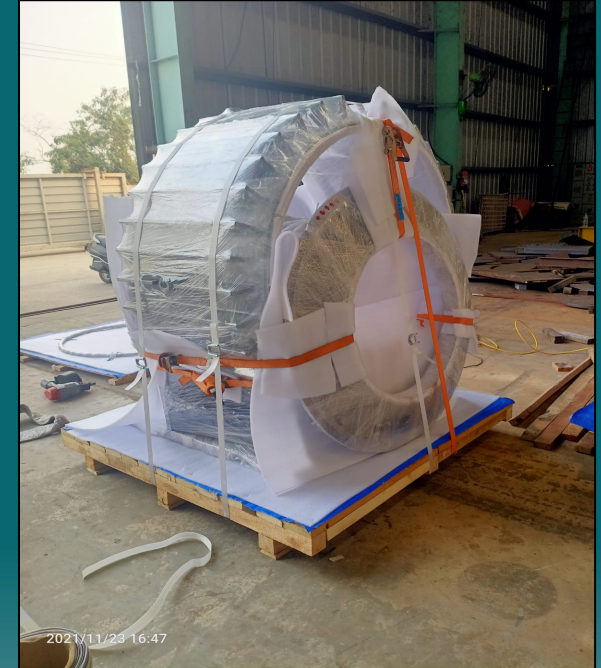
Generator parts



Generator Shaft



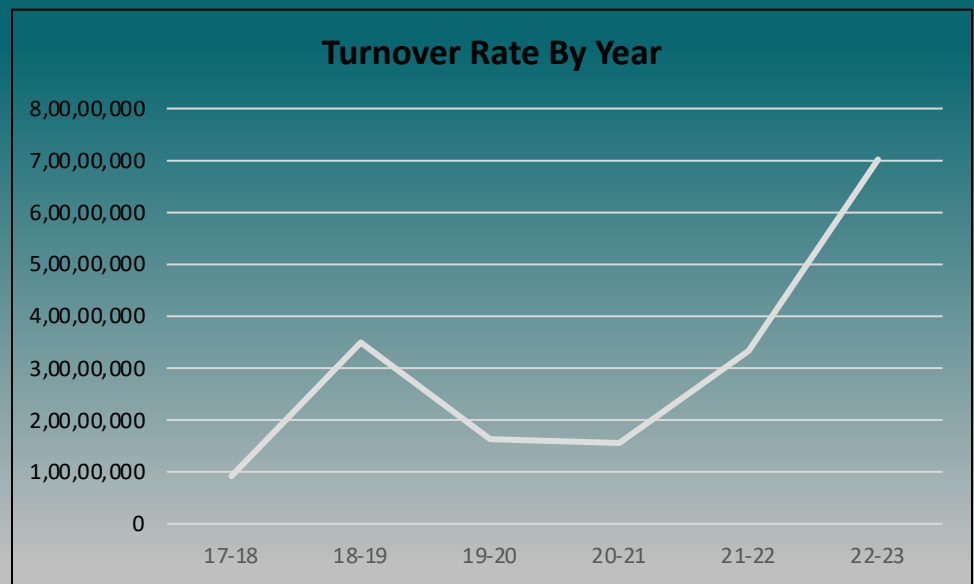
NDE Shield



Generator Assembly

FINANCIALS

Year	Clients	Orders	Turnover	CC Limit
2017-2018	2	6	INR 9,188,863	INR 50,00,000
2018-2019	4	8	INR 3,49,81,527	INR 50,00,000
2019-2020	3	3	INR 1,63,15,000	INR 70,00,000
2020-2021	4	7	INR 1,55,83,992	INR 70,00,000
2021-2022	4	22	INR 3,33,19,178	INR 90,00,000
2022-2023	4	29	INR 7,01,71,911	INR 90,00,000



FUTURE INTENTION

Our past experience in the windmill industry gives us an edge in understanding the needs of the customers and the market demand.

Our future blueprint / intention includes utilizing the existing spare space in our plant to manufacture foundation cages, door frames etc., and a further expansion plan is to produce tower internals.

Tower internals are a critical component of windmills. We can provide customized solutions to customers and improve the efficiency and performance of wind mills.

LIST OF MACHINES

SR. NO.	MACHINES	REMARKS
1	CNC Oxyfuel Cutting	Cutting Thickness 250mm Bed Size – 3.5 mtr X 14 mtr
2	Plate Bending and Rolling machine	Capacity: 50mm X 3000mm width
3	Overhead Crane	Capacity - 20Ton X 10Ton
4	SAW 1200Amp Welding	2 Nos
5	GMAW 400Amp	5 Nos
6	Horizontal Boring Machine	Spindle 160mm X-Axis- 5000mm Y-Axis- 3000 mm
7	CNC Horizontal Boring Table Type	X-Axis – 2000mm Y-Axis – 1500mm
8	Spindle 105mm	
9	Heidan Hein Controls	
10	Om Make VTL Japan	1600 Chuck x 2000 swing ,1500 Job Height

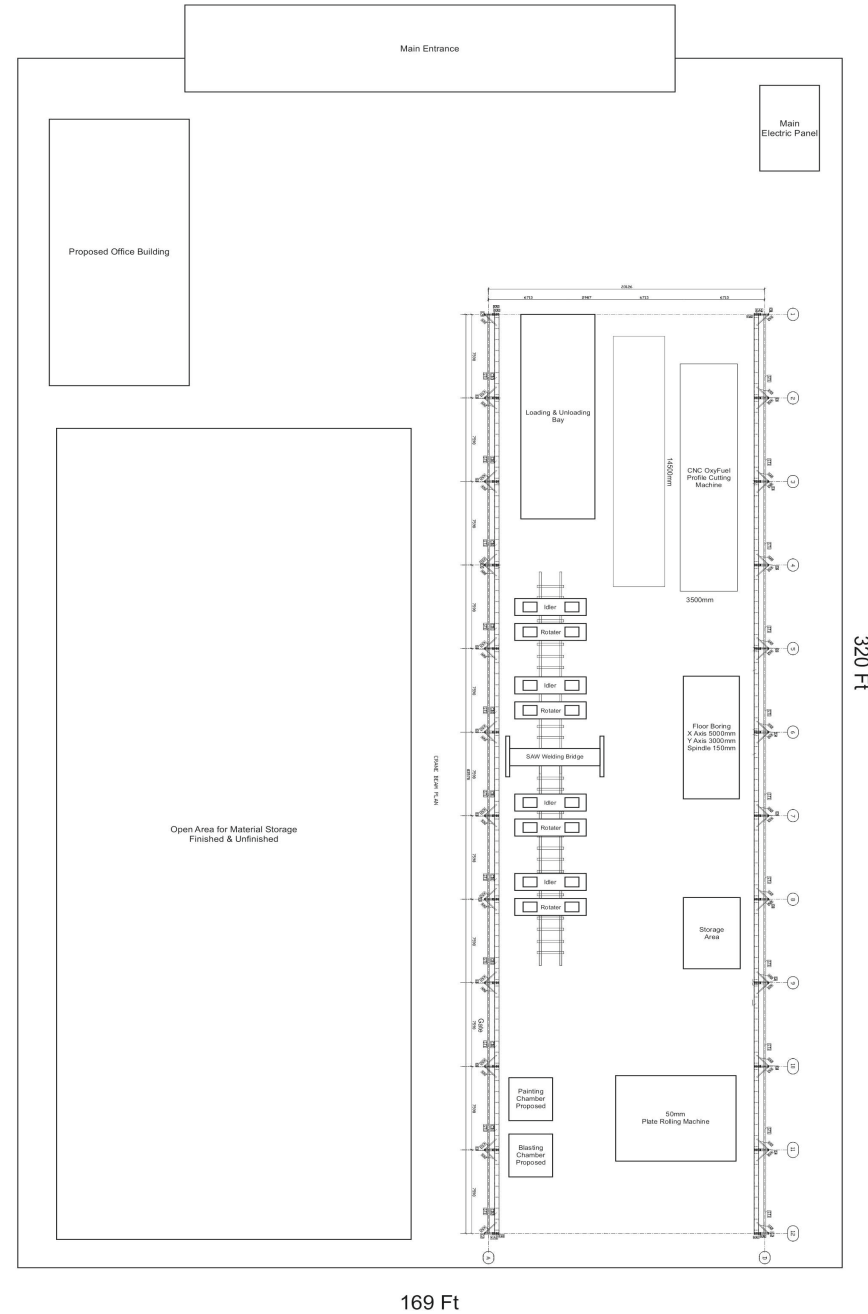
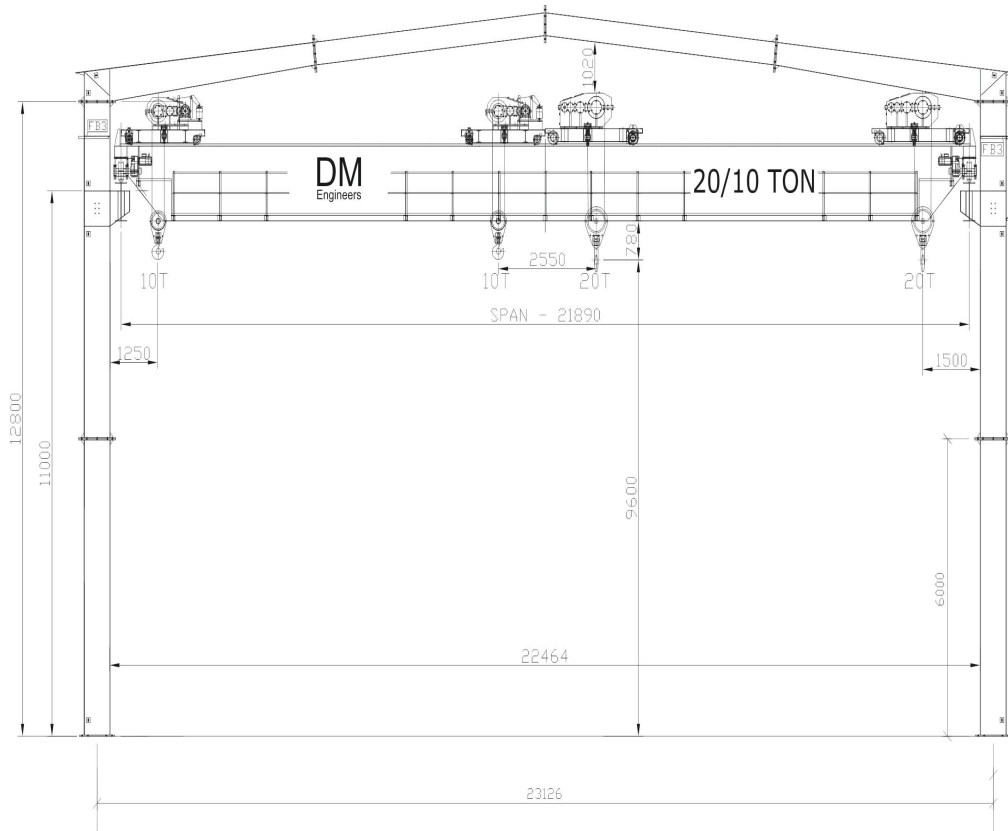
MEASURING INSTRUMENTS AND TEST EQUIPMENTS

Sr. No.	Instrument Name	Identification No.	Operating Range of Instrument	Least Count
1	Measure Tape	N/0606A	0-15 mtr	1mm
2	Vernier Caliper	11134849	0-300 Mtr	0.02mm
3	Measure Tape	N/0606B	0-5 Mtr	1mm
4	Vernier caliper	07050893	0-1000mm	0.02mm
5	Dial Indicator	TFN-521	0-1mm	0.001mm
6	Digital Coating Thickness Gauge	SI/01	0-1250 Micron	0.1Micron
7	Whirling Hygrometer		-10 to 50 Deg.Cent	0.1 Degcent
8	Bore Gauge With Dial	N/0606C	UPTO 800mm	
9	External Micrometer	N/0606D	2-3'(50.8-76.2mm)	0.001"
10	External Micrometer	3063175	0-150mm	0.01mm
11	Inside Micrometer	MDA-IM-001	50-1000mm	0.01mm
12	External Micrometer	5004970	400-500mm	0.01mm
13	External Micrometer	21016635	500-600mm	0.01mm
14	Vernier caliper	N/0606K	0-1500mm	0.02mm

FACTORY FACILITIES

SR. NO.	FACILITIES
1	Sandblasting
2	Rotators And Idlers 20 Ton Capacity – 5 set
3	Only Idlers – 6 Nos
4	Airless Spray Painting
5	Separate Blasting Area
6	Shopfloor Area - 25000 Sq. Ft.
7	Open Floor Area For Raw Material – 30000 Sq. Ft.

PLANT LAYOUT



TUV NORD CERTIFICATE



CERTIFICATE

Management system as per
ISO 9001 : 2015

The Certification Body TÜV NORD CERT GmbH hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

D. M. ENGINEERS
Survey No.259, Fajalpur (Ankhi),
Por-Kayavaroan Road,
Vadodara - 391 243,
Gujarat,
India



operates a management system in accordance with the requirements of ISO 9001 : 2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope -

**Manufacture of Wind Mill Towers, Foundation Steel Cans,
Generator Structural Parts, Heavy Fabrication & Machining**

Certificate Registration No.44 100 22393770
Audit Report No.2.5-10958/2022

Valid from 05.10.2022
Valid until 19.07.2025
Initial certification 20.07.2019

Certification Body
at TÜV NORD CERT GmbH

Mumbai, 05.10.2022

TÜV NORD CERT GmbH

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www.tuev-nord-cert.com

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THANK-YOU!

ENGINEERS