

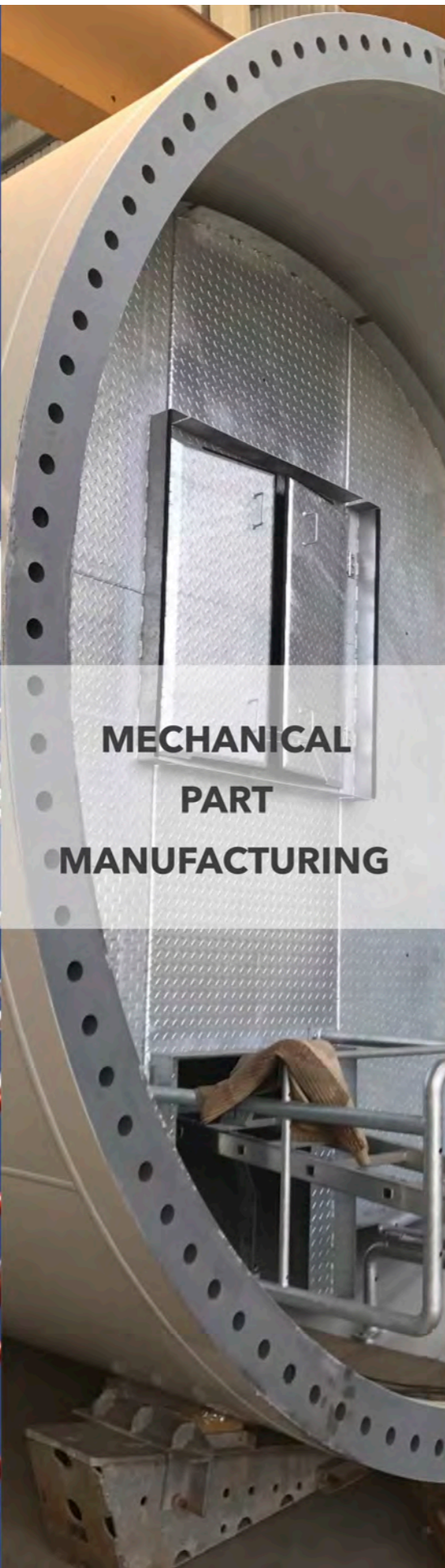
XGEN ENERGY

www.xgen.com.tr





**WIND
MEASUREMENT
CAMPAIGNS**



**MECHANICAL
PART
MANUFACTURING**



**MEASUREMENT
EQUIPMENTS**



**VERTICAL AXIS
WIND TURBINE:
WIND-ER**



**SOLAR POWERED
WATER PUMP:
SOL-RX**

WIND MEASUREMENT CAMPAIGNS

XGEN provides turn-key wind measurement campaign solutions. We our own met masts which fully comply IEC 61400 - 12 as followed heights and types:

- 60m
- 80m
- 105m
- 135m
- XMAST Series Normal Condition Masts
- XMAST-H Series High-Ice Type Met Masts
- XMAST-HP Series High-Ice Plus Type Met Masts

Besides, we also provide different type of met masts for different climate conditions: We are not only supply the met mast itself but also all the required mechanical parts like booms, anchors, hardwares or guy wires.



MECHANICAL PART MANUFACTURING

High-quality-required welded and machining parts are manufactured for the industrial applications mostly the wind, solar and defence industry, more specifically as followed:

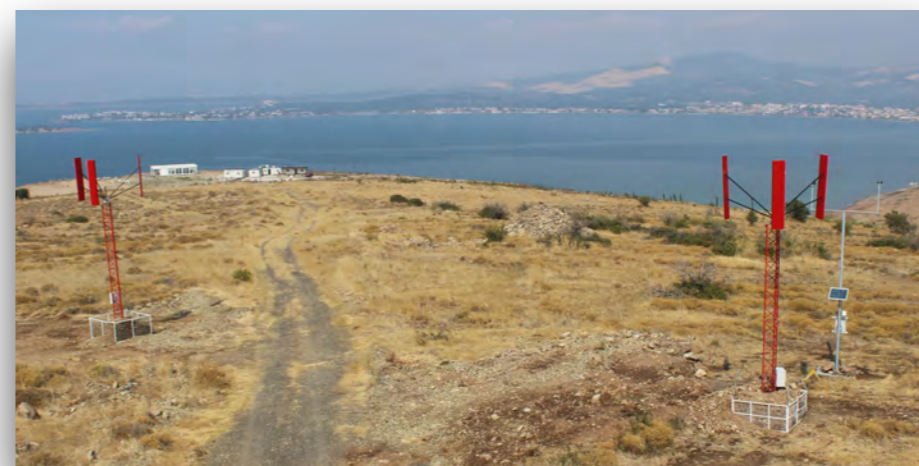
- Wind Turbine Internals
- Solar Mounting Structures
- Mechanical Parts for Nacelle Factories
- Lattice Met Mast Manufacturing
- Wind Turbine Blade Parts
- Other Industries



VERTICAL AXIS WIND TURBINE: WIND-ER

WIND-ER is a scientifically studied vertical axis wind turbine, engineered to maximize useful energy production of wind power. Because of its specific design, WIND-ER provides the maximum energy yield for sites of 5m/s average wind speed.

wind-er is a vertical axis wind turbine which converts kinetic energy of wind to clean electricity. **wind-er** has a power output of 0.5 kW and 1 kW with a swept area of 5,2 m² and it is suitable for the average electricity consumption of a family household. The small size of the **wind-er** helps for maximizing its aerodynamics performance.





Success depends upon previous preparation, and without such preparation there is sure to be failure.

Confucius

İzmir | Rüzgar Endüstrisi | İstihdam



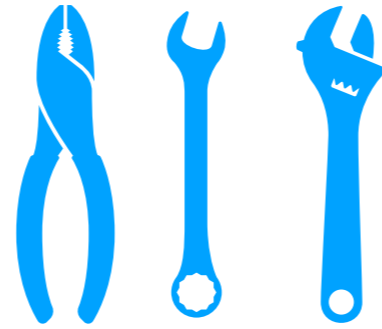
> 5000

istihdam



1 / 300

iş gücüne
katılım



?

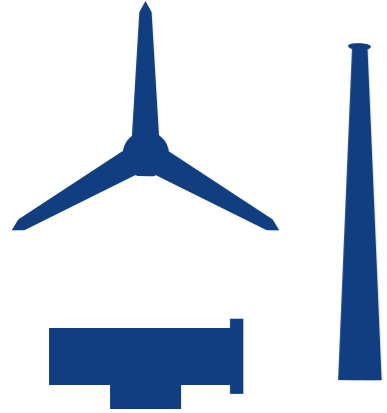
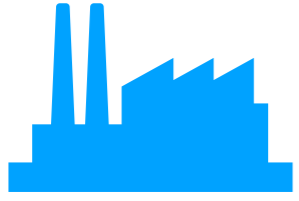
kobi ölçekli
firmaların payı



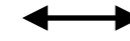
Türkiye'de KOBİ ölçekli işletmeler

Toplam işletmelerin **%99,9**'nu
KOBİ'lerin **üretim değerindeki payı, %56,2**'dir.
KOBİ'lerin **çalışanlar sayısı içerisindeki payı, %75,8**'dir.
İhracatın **%59,2**'sini

Ana Ekipman
Üreticileri

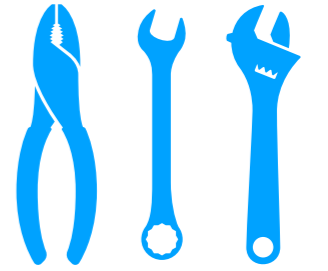


BEKLENTİLER



KAPASİTE

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Yerli İmalat
Ekosistemi

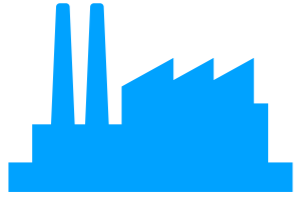


4 Şehir
22 alt yüklenici
>400 istihdam

Ana Ekipman
Üreticileri



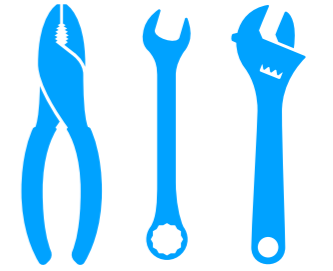
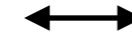
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Yerli İmalat
Ekosistemi



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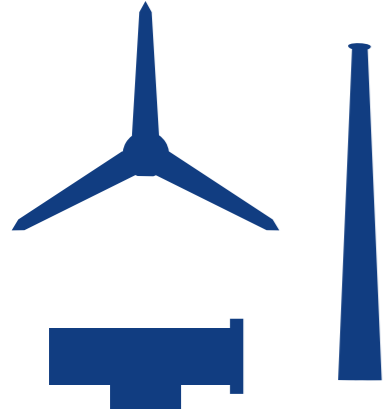


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Ana Ekipman
Üreticileri



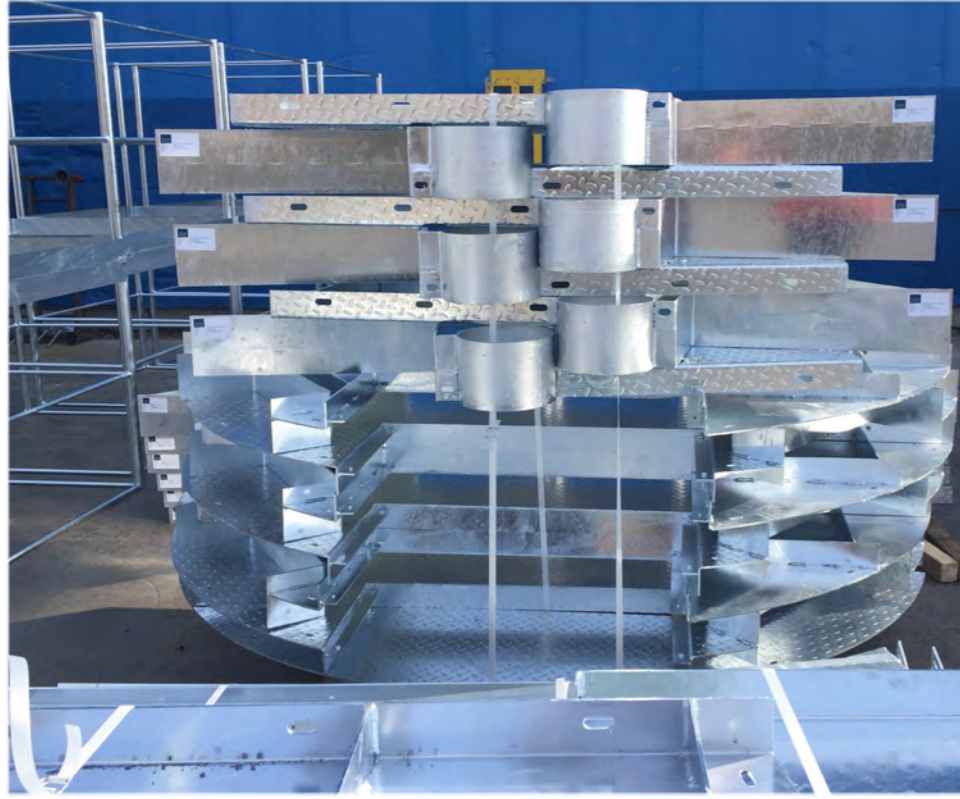
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Ekosistemi



Ana Ekipman
Üreticileri



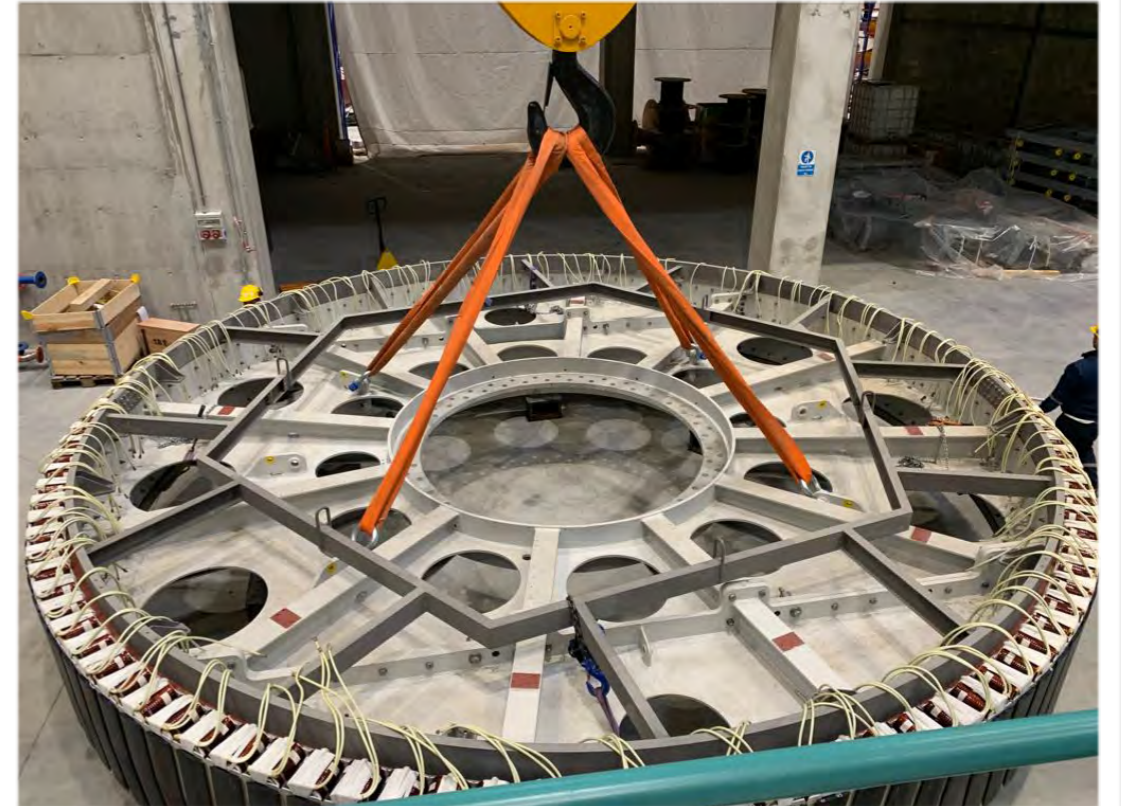
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Ekosistemi



Ana Ekipman
Üreticileri



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Ana Ekipman
Üreticileri



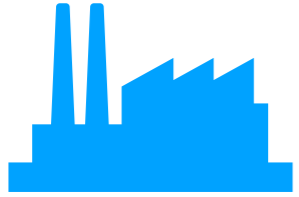
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Ana Ekipman
Üreticileri



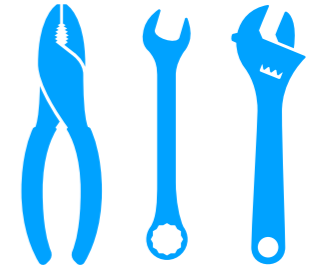
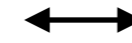
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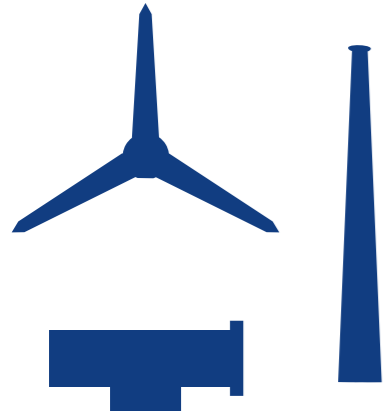
KAPASİTE



4 Şehir

22 alt yüklenici
>400 istihdam

- ithalat önleyici faaliyet
- istihdama katkı
- know-how transferi
- kalite iyileştirmesi
- rekabet gücünde artış



Daha Rekabetçi Yan Sanayi | Daha Rekabetçi İzmir

- Yerli imalat teşviklerinin devamı, geliştirilmesi
- Sürdürülebilir, ön görülebilir iç pazar
- Nitelikli ara eleman arzının sağlanması
- İthalat önleyici faaliyet / ihracat amaçlı finansa erişim desteği