

# Wind power: a partner in your farming success



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#### **Informations**

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## "a well-designed wind turbine

With 15 years of experience in small wind turbines and over 300 completed projects, ENERLICE has partnered with the best European specialists to offer our two S15 wind turbine models with a common base.

Designing a wind turbine is complex, even more so when the specifications are: simplicity, productivity, and robustness. Working with experienced partners for each critical component is our guarantee of quality. The overall design was carried out by TUGE, a long-standing Estonian manufacturer and partner, the control system comes from the Italian specialist Elpower, the blades from the Danish company Olsen Wings, and the transmission from Bonfiglioli's Model X. All components have been carefully assembled to enable us to offer the best in wind power.



## Eco-friendly wind energy

Farms are consuming increasing amounts of electricity, while electricity and transportation costs continue to rise across Europe. Local energy production not only reduces dependence on institutional energy providers, but also supports a more virtuous, proximity-based production model.

Small wind turbines are the perfect complement to solar power—not a competitor, but a true partner—offering higher energy output during winter and at night.

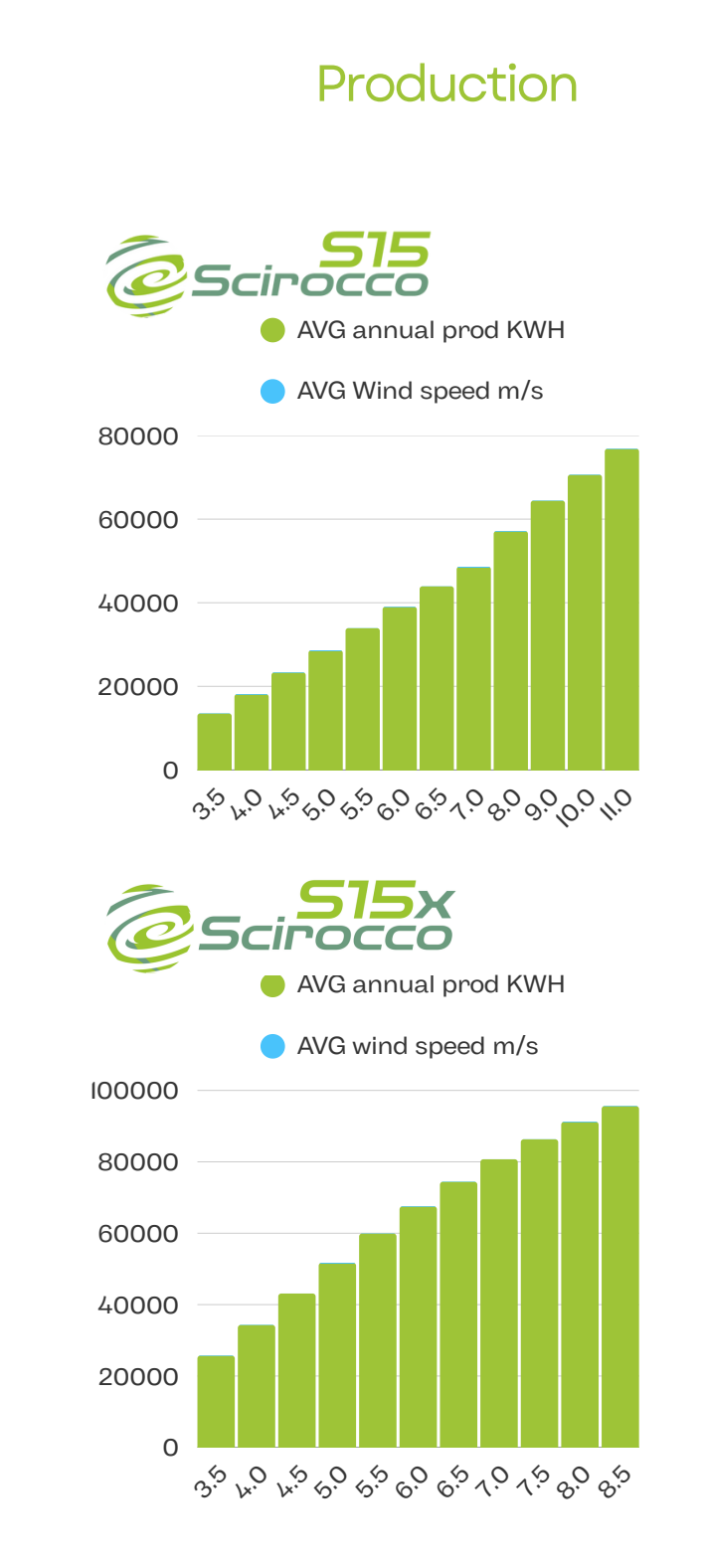
| Specification                   | Scirocco S15                            | Scirocco S 15x     |
|---------------------------------|-----------------------------------------|--------------------|
| Power (KW)                      | <b>15</b> (11 m/s)                      | <b>20</b> (9 m/s)  |
| certification                   | IEC 61400-2 CL II                       | IEC 61400-2 CL III |
| diameter (m)<br>swept area (m²) | 10.6<br>88                              | 15<br>177          |
| RPM                             | 71                                      | 51                 |
| cut in / cut out (m/s)          | 2.5 / 25                                |                    |
| Generator and drive             | Asynchronous and epicycloidal train     |                    |
| blades and brake                | fixed pitch / stall control / tipbrake  |                    |
| Braking                         | Electromagnetic rotor brake             |                    |
| Control                         | Direct grid connection and OrbiSada     |                    |
| Tower and foundation            | 15 m ballasted tower without foundation |                    |

## Technologies

Technical purity, efficiency, sustainability, and modernity

SCIROCCO wind turbines feature two proven technologies tailored to two wind classes, ensuring the best match for local wind resources. They also offer enhanced safety through a triple braking system and 24/7 4G SCADA monitoring



# Making Your Wind Project a Success

## In 5 key steps



# 1



### Feasibility study

A tailored wind resource assessment, with an on-site visit and a detailed analysis of your energy consumption

# 2



### The two-phase quotation

Phase 1 includes the preliminary studies and preparation for building permit formalities  
Phase 2 is only confirmed once the building permit has been approved

# 3



### Deployment on site

The installation is tailored to each site, taking into account the selected location, electrical connection, foundation, and ease of access

# 4



### Commissioning and training

During commissioning, the owner is trained on how to operate the wind turbine and access its data

# 5



### Maintenance and monitoring

The Scirocco requires minimal maintenance: two visits during the first year, followed by one visit every 18 to 24 months. Each maintenance operation is completed within half a day

Contact us to learn more...



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