

**MD.10.****Title**

**Industrial prototype of horizontal axle power wind turbine with wind mechanical orientation**

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**Description EN**

Aeolian turbine includes three blades rotor with aerodynamic asymmetric profile. The wind orientation of the turbine is doing through a two-wheeled windroze linked by a reducer with turbine nacelle. The power of 10 kW is produced at wind speed of 11 m/s.

**Class no.**