

# Example: Pitchsystem / 2,5MW



To turbine operating control



All fieldbus possible

- Pitchmotor**
- DC, AC or synchronmotor
  - integrated thermal sensor
  - integrated SSI-multiturn absolute encoder
    - electric-fan / brake
    - customized options



- Additional limit switch(es)**
- encoder as option possible



- Grid-connection**
- 1, 2 or 3-phase, 230V<sub>AC</sub> or 400V<sub>AC</sub>
  - other voltages on request

- Power-supply**
- from 20V to 100V, from 1kW to 18kW
  - more output power on request



- Pitchsystem in most compact design, include PLC**
- pitchinverter
  - DC/DC-converter



Low-voltage dc-link bus  
20V<sub>DC</sub> to 100V<sub>DC</sub>

Low-voltage  
dc-link bus  
20V<sub>DC</sub> to 100V<sub>DC</sub>

**ATECH low-voltage pitchinverter**  
from 1kW to 12kW



**Power capacitors**  
up to 100V / 150F

