

GUNT Wind Line

Windenergy in laboratory experiments



Fundamentals of wind energy technology

	HM 170 Open wind tunnel
	HM 170.05 Drag body square plate
	HM 170.09 Lift body aerofoil NACA 0015
	HM 170.22 Pressure distribution on an aerofoil NACA 0015
	ET 220 Energy conversion in a wind power plant
	ET 220.01 Wind power plant
	ET 220.10 Control unit for wind power plant ET 220.01

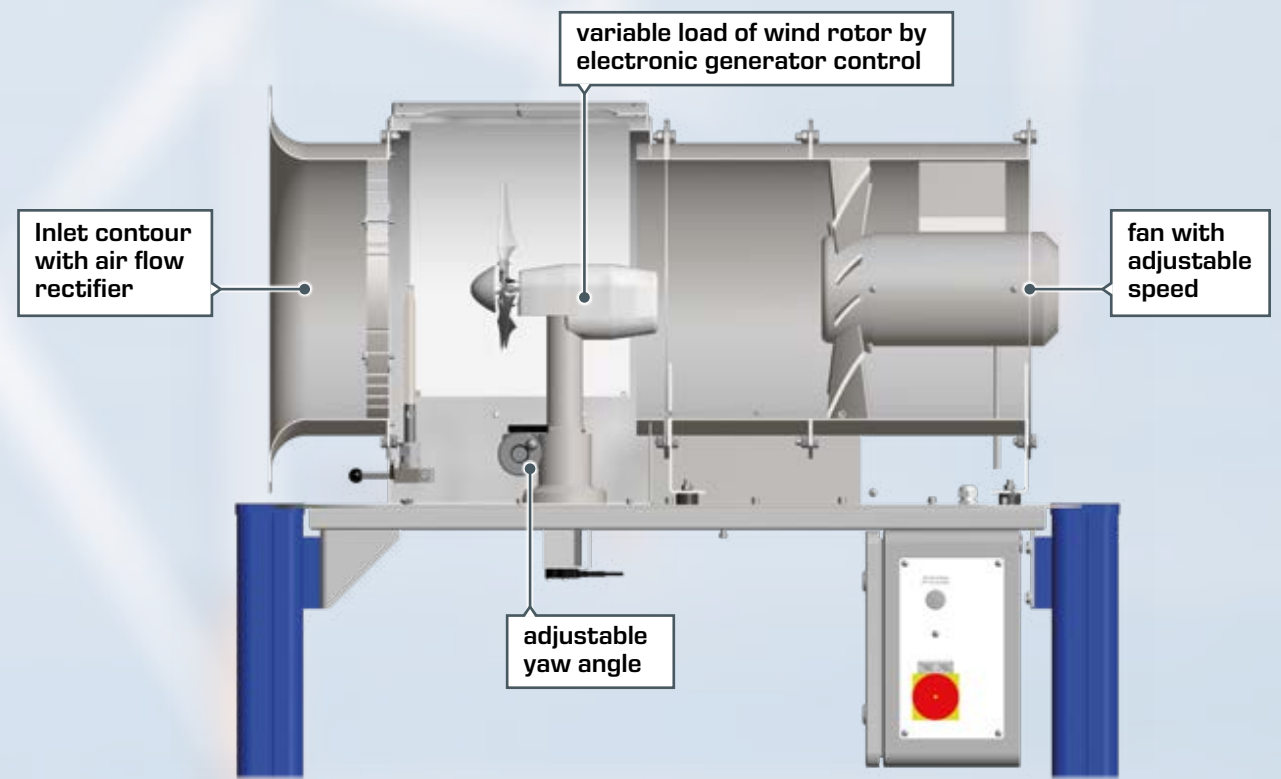
GUNT offers you a qualified demonstration of this wind-turbine. Please get in contact with us!

ET 210 Fundamentals of windturbines

- variable-speed wind power plant
- rotor blade adjustment with servo drive
- adjustable yaw angle



Modern wind energy trainer in a compact design with integrated fan and transparent safety cover

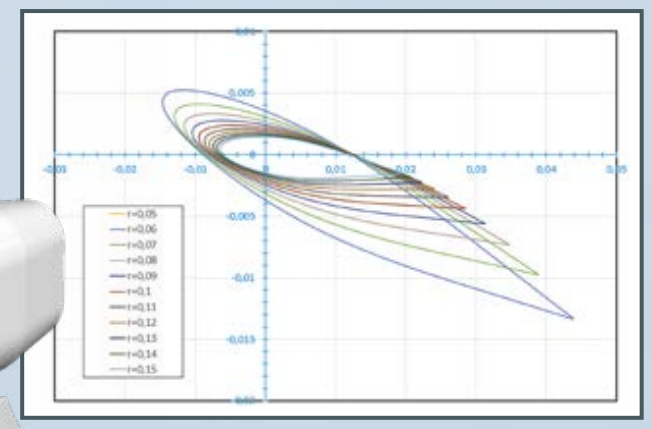


The ET 210 Software

GUNT software for device control and measurement data acquisition via PC

Analysis of measurement data with GUNT software: Power coefficient vs. tip speed ratio at different rotor blade pitch angles

Replaceable rotor blades: Measurement on different blade profiles (production by means of 3D printing)



Application technology for wind power plants

	AT 200 Determination of gear efficiency
	GL 210 Dynamic behaviour of multistage spur gears
	GL 212 Dynamic behaviour of multistage planetary gears
	PT 500 Machinery diagnostic system, base unit
	PT 500.11 Crack detection in rotating shaft kit
	PT 500.12 Roller bearing faults kit
	PT 500.15 Damage to gears kit
	PT 500.19 Electromechanical vibrations kit
	ET 222 Wind power drive train