



De Pretto Industrie



Steam turbines

Power range: 0,1-50 MW
Temperature range: up to 540 °C
Pressure range: 2,5-130 bara
Condensing/backpressure
Multiple extraction/admission
Modular design
Power gen/mechanical drive
Impulse/reaction turbine
Suitable for saturated steam
Packaged units (gear,LOS, auxiliaries etc.)

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General design data

Power	P	up to 50 MW
Live steam data	$p_L - T_L$	Pressure / Temperature categories: 60 bar – 450 °C 63 bar – 485 °C 130 bar – 530 °C
Exhaust pressure	p_B	Condensing turbines: up to 1 bar Back-pressure turbines: up to 50 bar
Extraction pressure	p_e	2 up to 50 bar
Rotating speed	N	Driving generators: 3000 or 3600 rpm if direct, up to 17000 rpm through reduction gear Driving units like compressors: 3000 up to 17000 rpm (depending on size)

Modular design

The modules for inlet and exhaust casings are chosen to satisfy the specific steam data; The intermediate modules, based on the above selection, can be chosen from an array of possible combinations.

