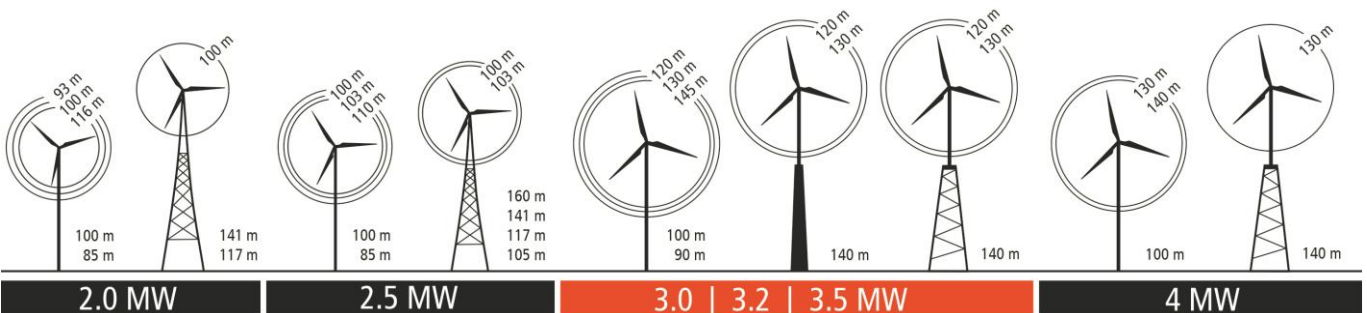


Rated Power: 3.5 MW
 Rotor diameter: 120 m
 Wind class: IEC 2a
 Drive train: LARUS Compact® Mid speed

TAKE A LICENCE. >>>>



TECHNICAL DATA

Rated power	3.5 MW
Rotor	120 m
Wind class	IEC 2a
Cut-in wind speed	3 m/s
Rated wind speed	13 m/s
Cut-out wind speed	25 m/s
Sound power	106.9 db(A)
Hub height tubular tower	90 m 100 m
Hub height hybrid tower and K-Tower	140 m
Drive train concept - LARUS Compact®	Mid speed compact drive train in combination with torque bearing as a Plug&Play-system
Electrical configuration	Medium-speed PMG with full-scale converter technology , IGBT-Converter, 50/60 Hz, 2 independent 3-phase windings
Power control - LARUS Smart®	Triple independent pitch system
Safety system - LARUS Safe®	Matrix safety system

ANNUAL YIELD*

POWER CURVES*

V_{WIND} [m/s]	Power [kW]	V_{WIND} [m/s]	Yield [MWh]
3	64	5.0	6,575
4	210	5.5	8,008
5	445	6.0	9,407
6	798	6.5	10,737
7	1,277	7.0	11,978
8	1,920	7.5	13,122
9	2,496		
10	2,878		
11	2,987		
12	2,999		
13	3,000		
14	3,000		
25	3,000		

* Standard conditions and calculations acc. to IEC 61400-12
 Measured power curve on request
 + IEC standard conditions, 7.5 m/s annual mean wind speed

