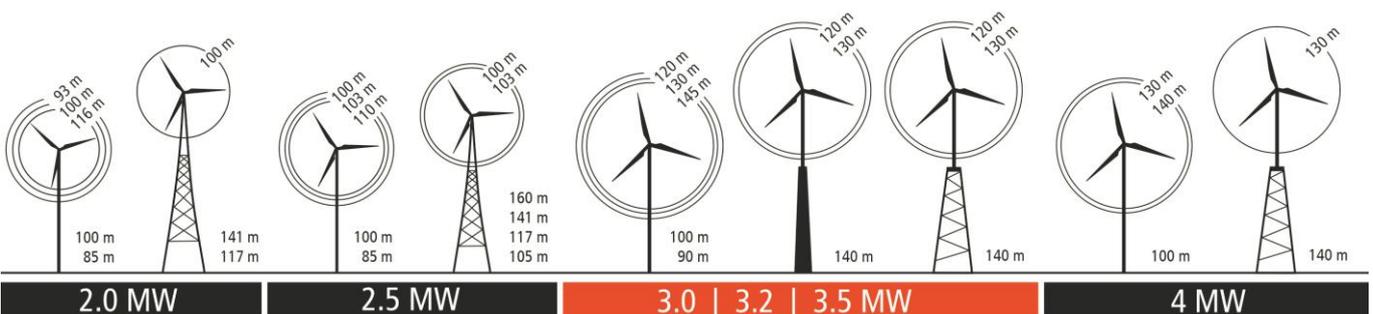


Rated Power: 3.0 MW
 Rotor diameter: 138 m
 Wind class: IEC 3a
 Drive train: LARUS Compact® Mid speed

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TECHNICAL DATA

Rated power	3.0 MW
Rotor	138 m
Wind class	IEC 3a
Cut-in wind speed	3 m/s
Rated wind speed	12 m/s
Cut-out wind speed	20 m/s
Sound power	108.0 db(A)
Hub height tubular tower	100 m
Hub height hybrid towers	140 m (Concrete-Tubular-Hybrid, Lattice-Tubular-Hybrid)
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,
Power control - LARUS Smart®	Triple independent pitch system
Safety system - LARUS Safe®	Matrix safety system

POWER CURVES*

V _{WIND} [m/s]	Power [kW]
3	52
4	219
5	479
6	865
7	1,401
8	2,071
9	2,602
10	2,895
11	2,998
12	3,000
13	3,000
14	3,000
20	3,000

ANNUAL YIELD*

V _{WIND} [m/s]	Yield [MWh]
5.0	6,767
5.5	8,261
6.0	9,700
6.5	11,050
7.0	12,285
7.5	13,389

* Standard conditions and calculations acc. to IEC 61400-12

