



LEAN PROPULSION

STADT LEAN DRIVE



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STADT LEAN Drive is a patented solution for start and control of big electrical motor loads. Especially developed for marine propulsion systems where it can be used on any propeller with controllable pitch.

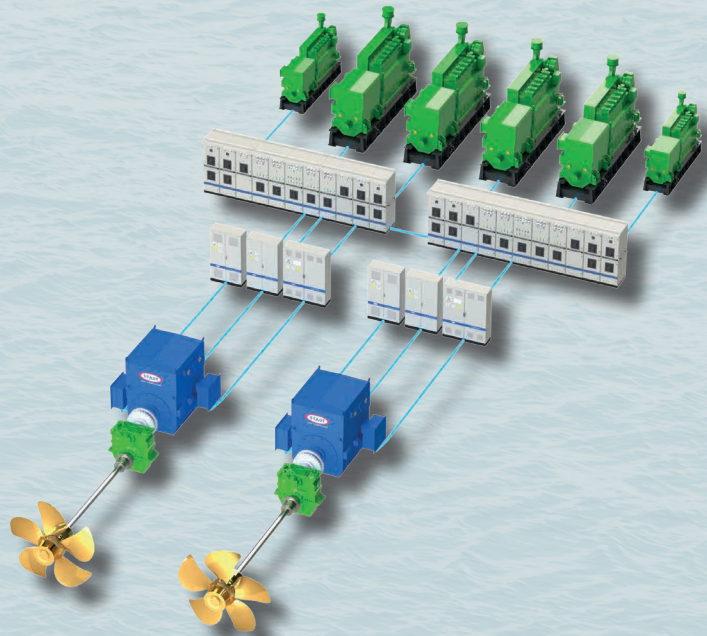
STADT LEAN Drive is extremely reliable and offers a long lifespan of 30 years or more. This durability is achieved by using fewer components in the drive system, as well as different parallel power technologies that are redundant to each other.

RANGE

- Λ 220 V - 15 kV
- Λ 100 kW - 30MW per motor
- Λ Stealth execution for naval

FEATURES

- Λ No LOSS when in bypass
- Λ No THD when in bypass
- Λ No EMI when in bypass
- Λ No PWM when in bypass
- Λ Sinus voltage and current
- Λ Less complexity
- Λ Less weight and space
- Λ Increased lifetime of drive
- Λ Increased redundancy in drive
- Λ Air cooled drive
- Λ Scalable in power
- Λ Scalable in voltage



APPLICATIONS

- Λ Main Propulsion
- Λ Tunnel Thrusters
- Λ Retractable Thrusters
- Λ Compressors
- Λ Pumps

STADT LEAN DRIVE PRODUCT RANGE



KW	HP	230 V	400 V	690 V	1000 V	2300 V	3300 V	4160 V	6600 V	10 kV	11 kV	13 kV	15 kV
100	136	X	X	X	X								
300	408	X	X	X	X								
500	680	X	X	X	X	X	X	X	X	X	X	X	X
1000	1360	X	X	X	X	X	X	X	X	X	X	X	X
1500	2040	X	X	X	X	X	X	X	X	X	X	X	X
2000	2720	X	X	X	X	X	X	X	X	X	X	X	X
2500	3400		X	X	X	X	X	X	X	X	X	X	X
3000	4080		X	X	X	X	X	X	X	X	X	X	X
3500	4760		X	X	X	X	X	X	X	X	X	X	X
4000	5440		X	X	X	X	X	X	X	X	X	X	X
4500	6120		X	X	X	X	X	X	X	X	X	X	X
5000	6800		X	X	X	X	X	X	X	X	X	X	X
5500	7480		X	X	X	X	X	X	X	X	X	X	X
6000	8160		X	X	X	X	X	X	X	X	X	X	X
7000	9520		X	X	X	X	X	X	X	X	X	X	X
8000	10880		X	X	X	X	X	X	X	X	X	X	X
9000	12240		X	X	X	X	X	X	X	X	X	X	X
10000	13600		X	X	X	X	X	X	X	X	X	X	X
11000	14960			X	X	X	X	X	X	X	X	X	X
12000	16320			X	X	X	X	X	X	X	X	X	X
13000	17680			X	X	X	X	X	X	X	X	X	X
14000	19040			X	X	X	X	X	X	X	X	X	X
15000	20400			X	X	X	X	X	X	X	X	X	X
16000	21760			X	X	X	X	X	X	X	X	X	X
17000	23120			X	X	X	X	X	X	X	X	X	X
18000	24480			X	X	X	X	X	X	X	X	X	X
19000	25840			X	X	X	X	X	X	X	X	X	X
20000	27200			X	X	X	X	X	X	X	X	X	X
21000	28560				X	X	X	X	X	X	X	X	X
22000	29920				X	X	X	X	X	X	X	X	X
23000	31280					X	X	X	X	X	X	X	X
24000	32640					X	X	X	X	X	X	X	X
25000	34000					X	X	X	X	X	X	X	X
26000	35360					X	X	X	X	X	X	X	X
27000	36720					X	X	X	X	X	X	X	X
28000	38080					X	X	X	X	X	X	X	X
29000	39440					X	X	X	X	X	X	X	X
30000	40800					X	X	X	X	X	X	X	X
32000	43520					X	X	X	X	X	X	X	X
34000	46240					X	X	X	X	X	X	X	X
36000	48960						X	X	X	X	X	X	X
38000	51680						X	X	X	X	X	X	X
40000	54400							X	X	X	X	X	X
42000	57120							X	X	X	X	X	X
44000	59840								X	X	X	X	X
46000	62560								X	X	X	X	X
48000	65280								X	X	X	X	X
50000	68000								X	X	X	X	X

Other power ratings and voltages will be available on request.



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LEAN BRINGS YOU

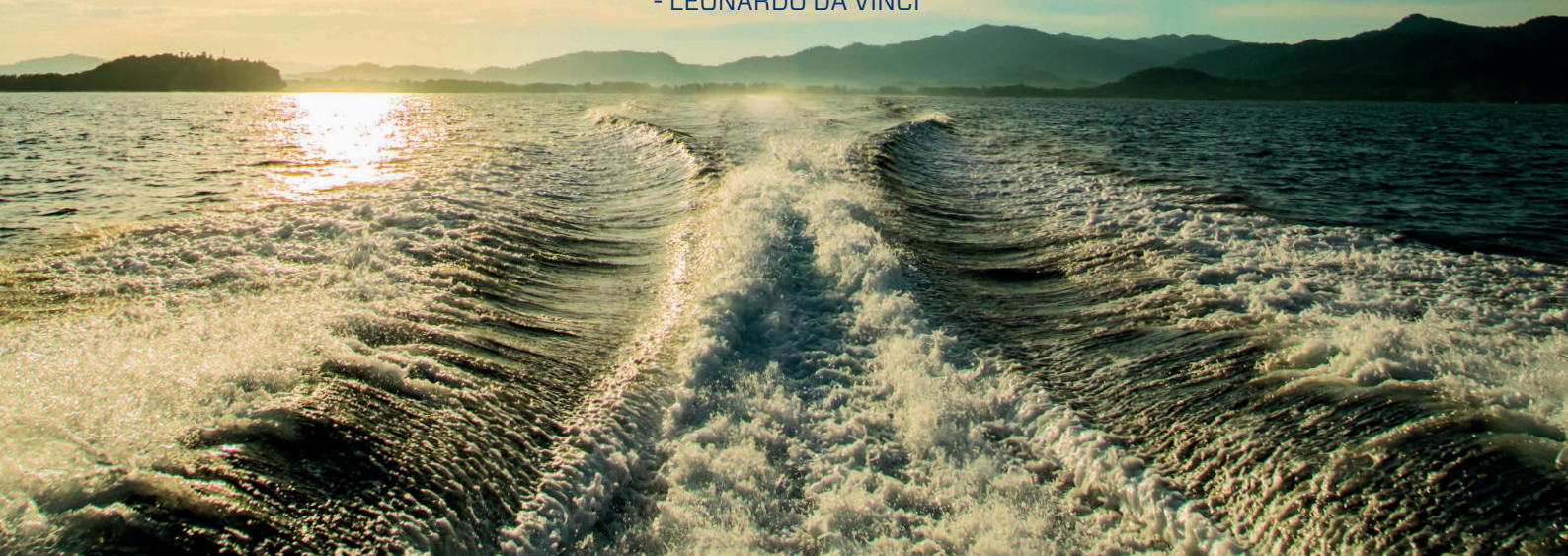
- + SAFETY & RELIABILITY
- + VERY LONG LIFETIME
- + COST EFFICIENCY

- + STEALTH & HSE
- + MORE CARGO CAPACITY
- + LESS EMISSION AND FUEL



SIMPLICITY IS THE ULTIMATE SOPHISTICATION

- LEONARDO DA VINCI



GET IN TOUCH!

WWW.STADT.NO

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