



MARINE SOLUTIONS

Energy production & drive systems



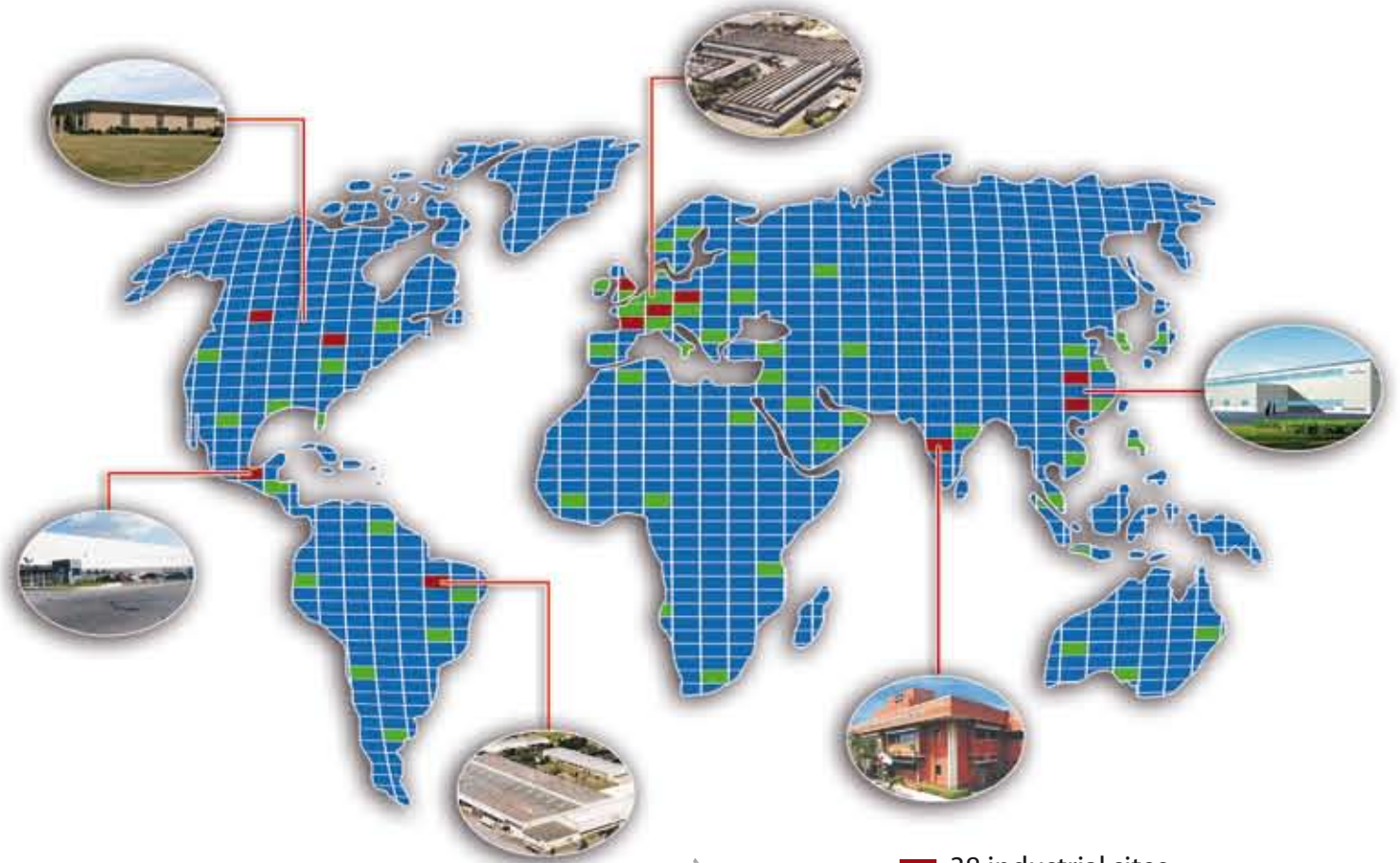
A WORLDWIDE GROUP TO SERVE YOU



With 10,000 dedicated employees throughout the world, Leroy Somer has created an international network of 470 sales and service centers, capable of offering you the sales and technical assistance you need, 24 hours a day, 7 days a week.

To support your international growth and guarantee high-performance service, Leroy Somer has established industrial sites in Europe, North and South America, Mexico, India and China.

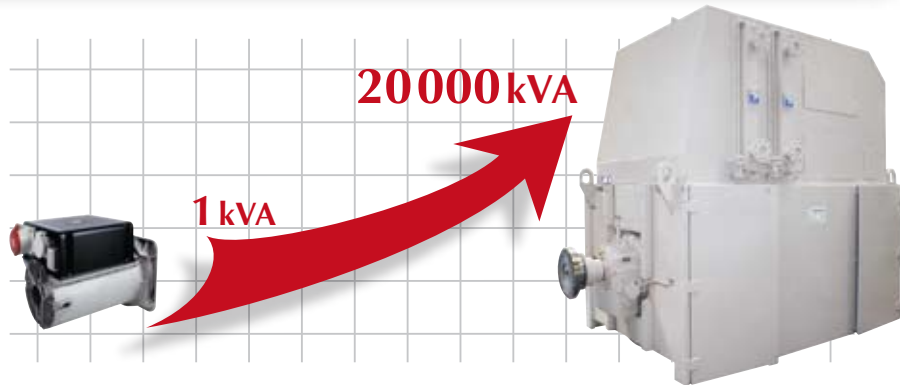
To reinforce our commitment to the Marine industry, Leroy Somer has assembled a highly skilled multidisciplinary team of engineers to undertake global project management. Our R&D departments are directly involved in providing dedicated solutions to Marine standards.



■ 38 industrial sites
■ 470 sales & service centres

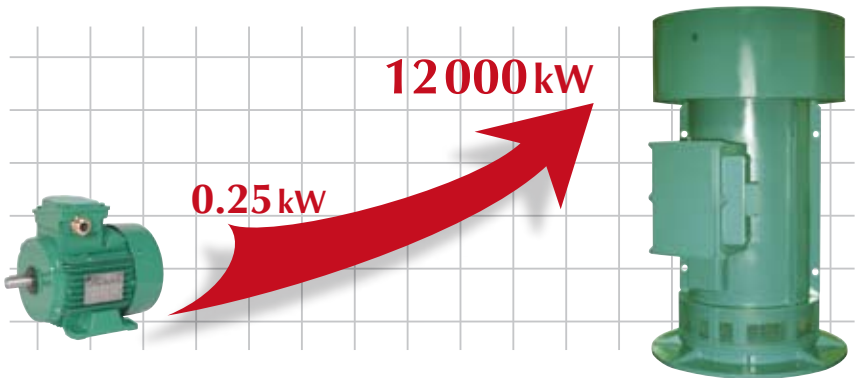
▶ ALTERNATORS

- Low to high voltage
- 4 to 14 pole
- IP 23 to IP 55 enclosure
- Solas compliant



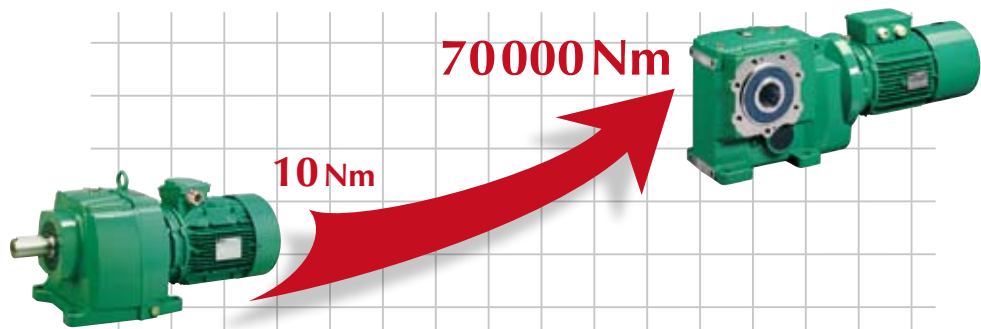
▶ MOTORS

- Asynchronous & synchronous, DC
- High efficiency
- Permanent magnet technologies
- Water cooled
- Safety
 - smoke extraction (200 to 400°C)
 - ATEX explosion proof
- Brake motors



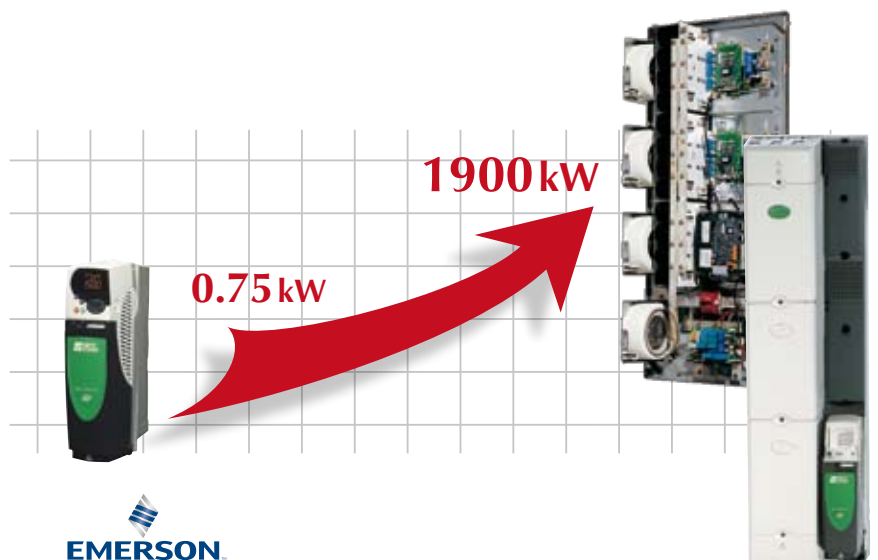
▶ GEARMOTORS

- Helical gears
- Helical bevel
- Planetary gears
- Worm gear
- Shaft mounted



▶ INVERTERS

- AC & DC
- Open loop, closed loop
- Servo
- IP00 modules, wall mounted, free standing, IP55 cabinet
- Liquid cooled
- Soft-starters



BOW THRUSTERS

Motors
Inverters



CENTRIFUGAL PUMPS

Motors
Inverters



PEDESTAL CRANE

Brake motors
Gears
Inverters



REFRIGERATION COMPRESSORS

Motors
Inverters



STARTING AIR, SERVICE AIR BULK AIR COMPRESSORS

Motors
Inverters



MOORING ANCHOR WINCH

Brake motors
Soft-starters



SEWAGE TREATMENT

Motors
Inverters



FANS

Motors
Inverters



ESSENTIAL & STAND BY ALTERNATORS

Alternators



SHAFT ALTERNATORS

Alternators



POD STEERING

Motors



ELECTRIC PROPULSION

Alternators
Motors



OIL SEPARATORS

Motors



SCREW PUMPS

Motors
Gears
Inverters



AUXILIARY ALTERNATORS

Alternators



HEAT EXCHANGERS

Motors
Inverters



SIDE THRUSTERS

Motors
Inverters



MARINE CERTIFICATION

Leroy-Somer Marine solutions for essential and non-essential duties are compliant or approved with major classification societies such as ABS, BV, CCS, DNV, GL, KR, LR, NK, RINA, IRS, ...

Approvals obtained with these companies are the guarantee of Leroy-Somer constant worldwide quality.

RELIABILITY

To operate in the most severe of conditions, Leroy-Somer product reliability is improved through:

- elimination of internal vibration by the choice of balancing class
- limitation of temperature rise - increasing service life of windings
- specialized Marine tropicalization - extending product life
- dedicated surface treatments - formulated for harsh environments



COMPACT DIMENSIONS

To meet designer and owner expectations, our solutions are electrically and mechanically designed to ease installation in confined spaces. Technologies such as permanent magnet, liquid cooling and customized integrated solutions allow us to provide even more compact alternatives.

OPERATION SAVINGS

Specific assembly methods, concentricity testing and superior design of Leroy-Somer Marine products result in extended bearing life. In addition, high efficiency designs extend the service life of our solutions and reduce the global maintenance cost. Our variable speed drive and soft-starter systems help to reduce starting current, CO₂ emissions and will bring immediate financial savings through reduced fuel consumption.



China Zhong-Hua 3391-3398-405-408-417-418-423-425-427-428-433, Huang Pu Shipyard, Sinomarine, Nantong #NE022-023, NE039-040, Chenxi shipyard CX4221-4229-4240-4241, Jiangsu Rongsheng Heavy Ind. Co., Ltd. H1046-1047, Tizhou Sanfu Ship Engineering Co.,Ltd, SF050201-050202, Yangzhou Dayang Shipbuilding Co., Ltd, DY121, Zhejiang Shipbuilding ZJB07-171 ...

Croatia Brodosplit dizalice 448 to 451, Elke, Marshipping, Stena, Bulk, N°37842/211 SPLIT 49 ...

Denmark Stolt Parcel Tankers, Danyard, Energy Enhancer, Energy Excerter, Transocean Nordic, Noble Byron Welliver, Danyard #706-714, Ahrus Dockyard #214-218, KKF, Nordsøværftet #223-224, Ørskov S/Y #191-192, Sinomarine D/Y, Northsea S/Y #229-230, K Govan#314, Van der Giessen, M/Y Alexander, Ørskov shipyard, Shipyard Bodewes NB670-NB671 ...

Finland Kvaerner Masayard, Myklebust NB 24., Dalian PC11-6 Vaasa, Salekhard 567 Vaasa ...

France Queen Mary II, P31 & Q31 Ships, St Nazaire, Club Med II, B33 MSC Serenata, A33 MSC Fantasia, T32 Magnifica, S32 Poesia, C270 Glenan, Q32/R32 Musica / Opéra, N32 Provalys, I32 Mistral, J32 Tonnerre, 830 Pouquoui pas, C206-Cap St Vincent, C216-Steren, T31-Summit, U31-European Dream, S31-Infinity, R31-Millenium, K31-Seven Seas Mariner, Petrodrill-Amethyst project, Burin Sea, Trinity Sea, Sawari II, Navire M 31, CGC Alizé, C197-Ulysse ...

Germany Howaldtswerke HDW, Peterswerft, Mützelfeldt, Blohm + Voss, HDW Hagenuk, Kiel Ocean Yard Y703, Damen SY 556 051 ...

Indonesia PT PAL M000259, M000260 ...

Italy Cantieri Navali Visentini, Hull no : C197, C200, C209 to C222, Blue Sea, Stolt Parcel Inc 4260 to 4262, Cartiera di Varo, Seabo, Cartiera della Madonnina, Cooperativa Ceramica, M5101 Geco Diamond ...

Japan M/V"Akarita"#651C-#655C, MES Chiba #1466-1470, Kouki Maru, Kawasaki N1587-N1588, NYK N1545, Mitsui Engineering & Shipbuilding CS1681...



Korea Anadyr, Pride Europe, Sealand 4039-4040-4042, Dalia FPSO, HHI: H1165-1179-1586-1630-1631-1655-1671 1672-1699-1700-1701-1721-1722-1723-1724-1725-1756-1727-1733-1749-1750-H1818-1820-1897-1898-1999, DSME H2238-2239-2240, H2243 to 2253, H2260-2261, H2264 to H2266, SHI: H1469-1573, 1584 to 1587, H1594, Hanjin Heavy & Industries & Construction S047, N186 to 188, SC07018, Hyundai Samho Heavy Industries S333-334, Hyundai Mipo Dockyard S2014, Sung Dong Shipbuilding S1032-S1037, SLS Shipbuilding S473-482, Daehan Shipbuilding HN1001-1002, Nokbong Shipbuilding Korea NBS415, Kangnam Shipyard SNA-05-008, IL Heung shipyard IH06-137 #1, Sam Kwang SB04-07, SB04-08 ...

Netherland Vulcano-486, Shipyard Bodewes NB770-692-686-690-720, Shipyard Stozniag Gdynia NB2105-2106, VT Shipbuilding N4327, Santierul Naval Galati 551004/LSV 65513, Lingshan Shipyard Hull LS 122-123, Halmatics Shipyard 04328-04329 ...

Norway Flekkefjord Yard, Eldfisk, Ocean Challenger, Kleven Bygg 313,Søviknes V. B 147, M/S Geco Tau, Flekkefjord 183, FOSEN Bygg 74-75, SIMEK Bygg 104-109, Pay & Brinck / West B.25, K 2000 -Subsea, K 3000 - Subsea 7, Pay & BrinckM 2496-2502, Brattvaag bygg 99, M/T Jo Clipper, Aker / Fosen B. 73 AG 1, Aker / Fosen B. 73 AG 2, Aker / Fosen B. 73-MEG 1, Aker / Fosen B. 73-MEG 2, Aukra B.nr. 108, M9192 Britoil-41, Kvitebjørn 1- 2, Esso-Ringhorne, "Berge Hus", Damm, Garden Silk, Confident Lills, Geco Beta, STC, Riler, Bygg 98 ...

Qatar Halul Offshore Services WLL ...

Singapore Labroy, SeaDrill 8, JSL, Glory River, Bulk Cement Carrier, B288, Global Santa Fe, Bourbon Sirius, Britoil 41, Britoil 61, Britoil 62, Britoil 63, Bronage J, Cec Hunter, EnSCO 8500, Fpso Marlim Sul, Fpso Xikomba, Glory Rive, Jascon 5, Jaya 858, Jaya 859, Jaya Supplier 1, Jaya Valiant 2, Mv Ena-jade, Pacifics 18 And 38, Quito Samarinda, RSS Endeavour, Rss Endurance, Rss Persistence, Rss Resolution, Seacore Endurance, Seacore Enterprise, Seacore Vung Tau, Seadrill 8, Seadrill 9, Uniwise Rayong, Zamil 14 ...

Spain Astilleros Zamakona Sasemar C618-619, Astilleros Zamakona Viking Line C667-668-669-670, Astilleros Puerto Real Navantia Acciona C510-511-512, Factorias Vulcano Sismicos 532-533-534-535, Astilleros Balenciaga C390, C435, Astilleros Huelva C845-846, HJ Barreras C1655-1661-1162, Balearia Ferry, C1650-1653 Armas Ferry, Astilleros Murueta B-279 Drague Armada de Ecuador, Astilleros Armon Vigo V052 Tuna, Navantia Cartagena BAC Armada Española, Barreras, Bermeo, Stolt Parcel Inc 360, 309 to 311 ...

Sweden Stena Tay ...

Turkey Bodrum C, Arkadas Shipyard, Nb02, NgoI Zaire, Çeksan Shipy, Nb24, Gelibolu Shipyard, Nb31, Genka3, Usmed Ereğli shipyard, AzraS, İstanbul shipyard, Nb15 ...

UK T45, Destroyer, UK Navy, HMS Roebuck, HMS Ocean,Skandi Neptune, Trieste, Karheef, Bender, Noar Fairweather, Alaska Marine & Highways ...

USA Noble Paul Wolff, Amethyst Lafayette, US Navy ...



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