



Electric motors repair and overhaul

Danieli Automation Company Ltd (DACO), a Danieli Automation's owned subsidiary, offers complete electric motor repair, refurbish, rewind and rebuild services. As part of Danieli Group, one of the world's largest suppliers of equipments and plants for the metal industry, design and engineering of electrical apparatus, DACO is established with real emphasis on quality and close attention to customer service.



DACO Workshop, situated in Eastern Seaboard Industrial Estate (Rayong), covers an area of more than 3,500 square meters equipped with a comprehensive range of lifting facilities enabling it to repair a broad array of machine sizes.

DACO has the expertise and competence to carry out the overhaul, repair, rewinding and testing of Low and Medium Voltage electric motors.

Providing superior diagnostic tests, sound technical service, timely, reliable and cost-effective electric motor repair solutions. Keep your operations running by relying on our proven capabilities and knowledge in the overhaul and rewind of a wide range of both AC and DC motors.

- > AC Overhaul, Repair & Rewind
- > DC Overhaul, Repair & Rewind
- > Traction & Rail Motors
- > Overhaul: comprehensive armature and motor repair
- > Rewind: rewinds all types of AC and DC units
- > On-Site Service: inspects the motors at a customer's premises
- > Spare Parts: availability of spare parts













OVERHAUL, REPAIR, REWINDING & TESTING LV & MV ELECTRIC MOTORS



Overhead travelling crane of 25/5 tons capacity with 2 hanging points to allow an easy and safe extraction of rotor from the motor



> Power quality analyzer > Surge comparison tester > High voltage insulation test up to 25kV > Mega Ohm meter > Micro Ohm meter > Vibration analyzer > Digital stroboscope / Tacho meter > Digital thermo camera



> Study and calculate for detailed coil



> Washing system by steam in system by steam > Pyrolitich kilns for resin & paints removal from electric motor in a set temperature to ensure the motor efficiency is not affected





> Automated coil forming & taping together with semi-automated coil winding machines reduce turnaround time and improve coil quality



Electric curing oven 3,000 mm x 3,000 mm for fast drying and polymerization on controlled temperature



> 2.400 mm x 3,000 mm V.P.I. impregnation system (full impregnation) in autoclave under pressure and vacuum pack using the latest tecnology and top-quality european components > Stator & rotors are carried out to full class "H" specification



> CEMB a balancing machine for rotors diameter up to 1,550 mm & up to 6 tons in



> TIG welders for commutators



> Testing room equipped with cutting edge testing equipments, Drive 1,200 A AC/DC, best LOAD testing capabilities > Housing a 4.2 MW AC generator enabling the LOAD test up to 6.6 kV > A 700kW DC generator for LOAD test of DC motors





















- > AC LV/MV motors
- > DC motors > Traction & rail

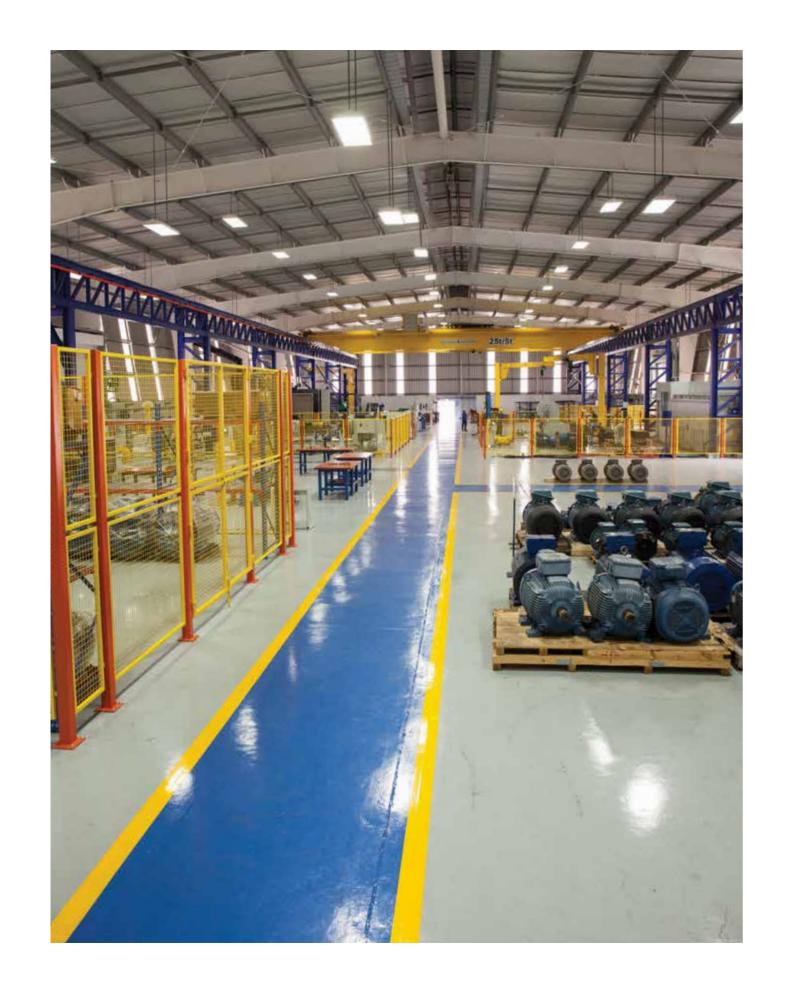
- > Power Companies
 > Rice mills
 > Paper mills
 > Sugar mills
 > Food industry
 > Automotive
 > Hydraulic pumps
 > Compressors
 > Railways
 > Public water utility
 > Mining sector
 > Cement factories
 > Oil & gas industry

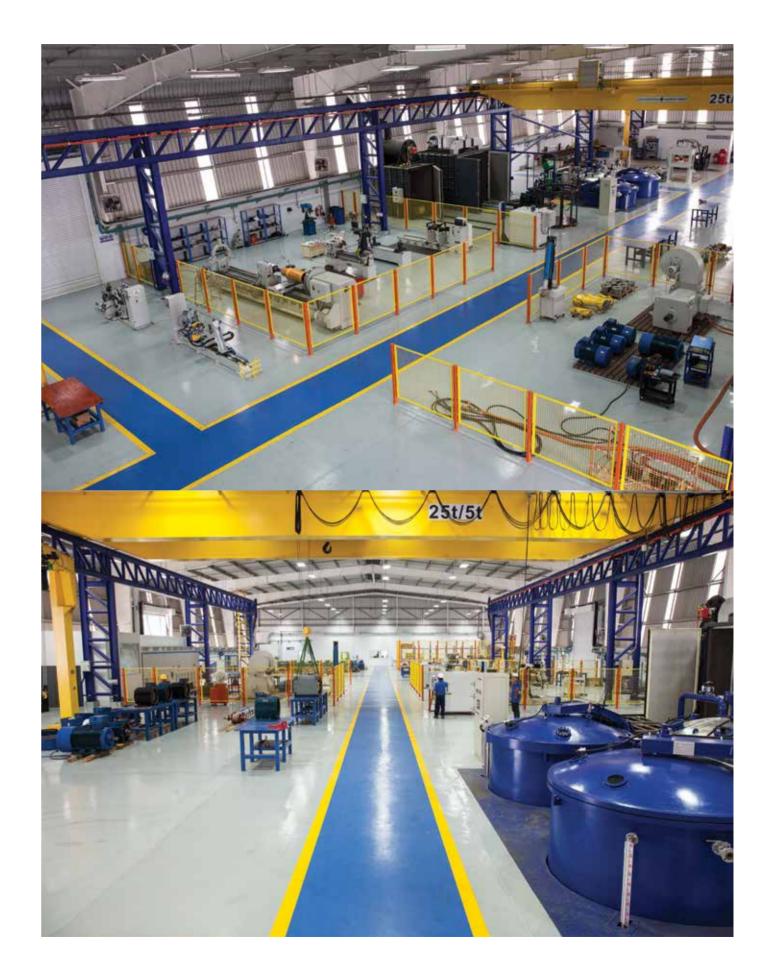
- > Oil & gas industry

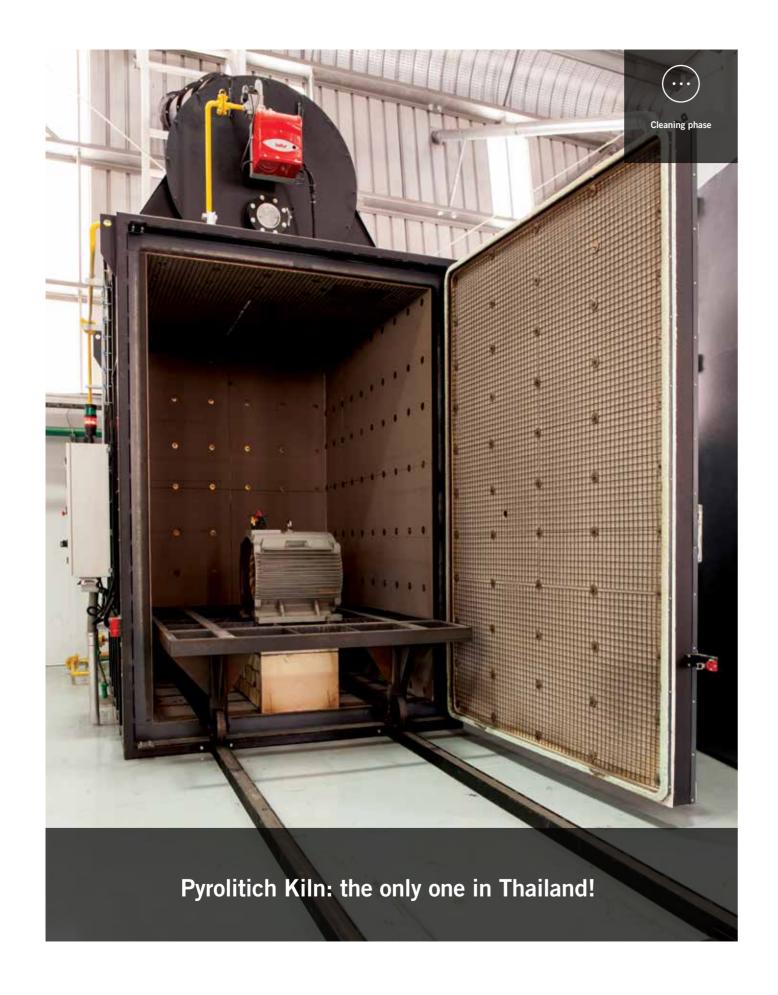
- > Detailed quotations to outline proposed
- to outline proposed work
 > Analysis reports
 enriched with pictures
 and detailed test
 values coupled with
 suggested or
 recommended actions
 if needed
 > Detailed and
 personalized reports
 are issued on request

- > Retain original performance after
- > Electric motor lifetime extension > Reliable and efficient repair > On time delivery

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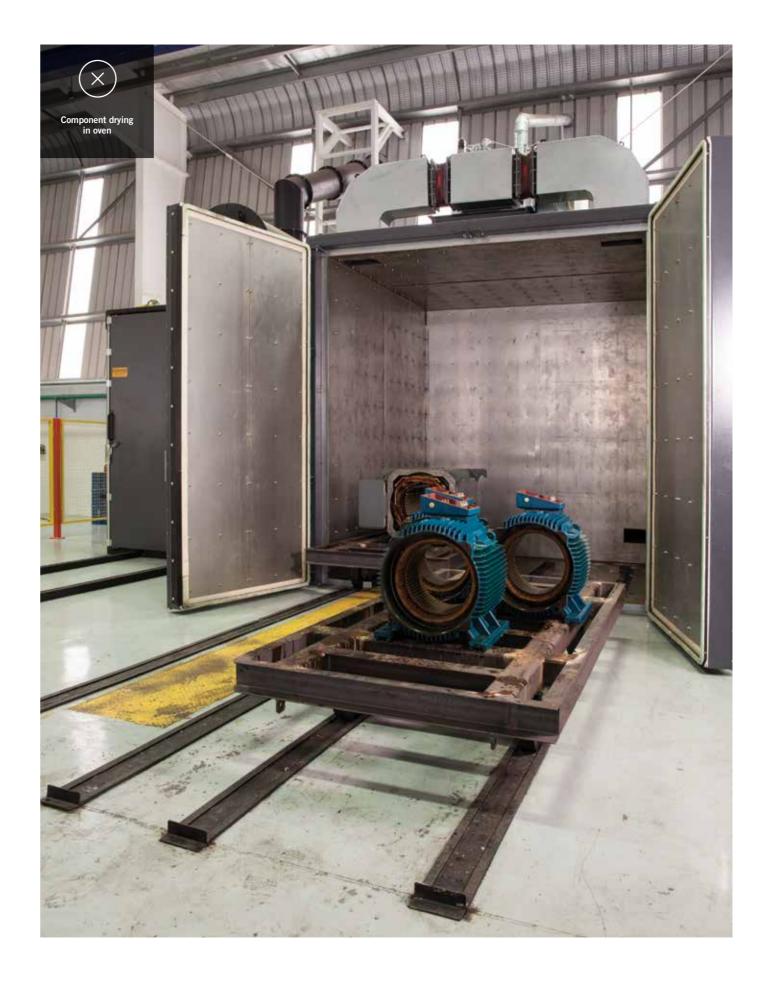










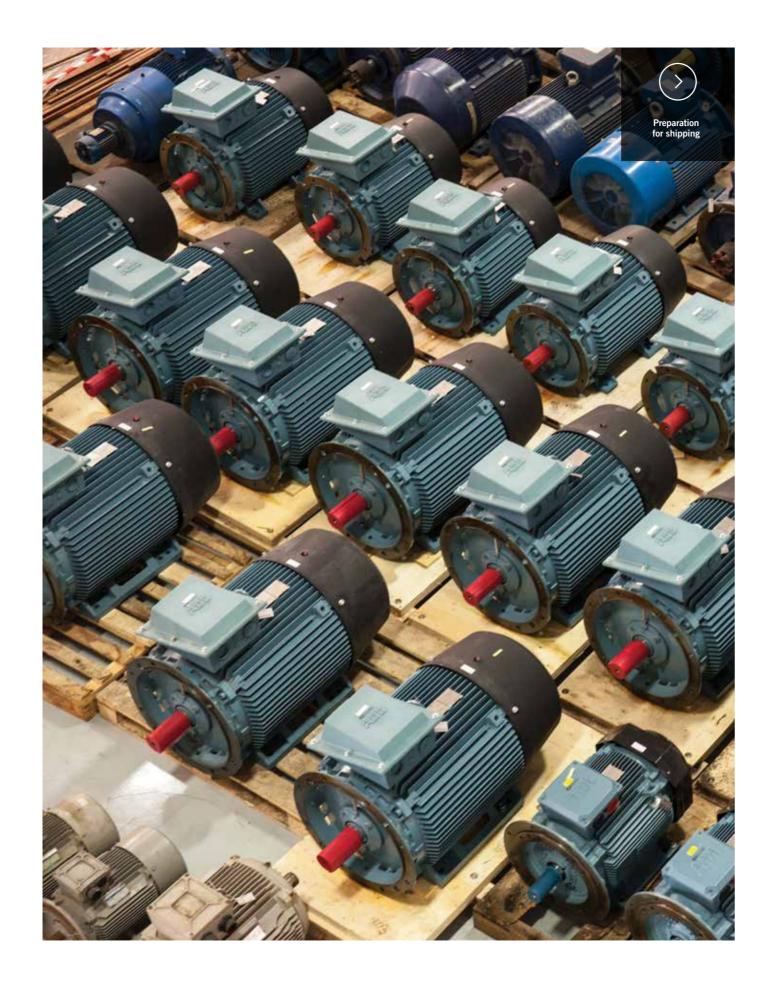














DANIELI GROUP









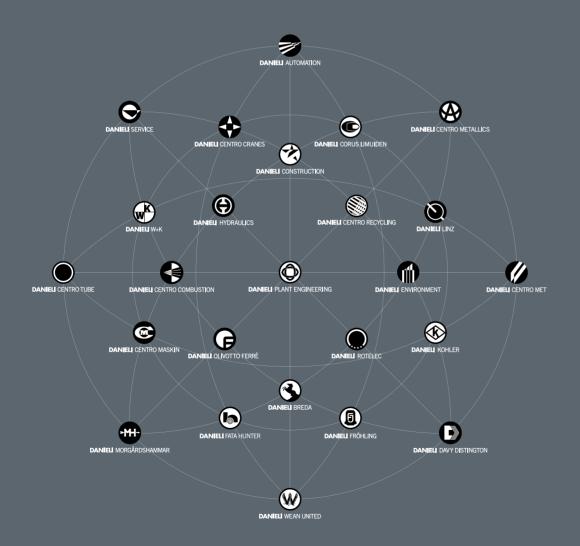








Danieli Team mission is to serve Customers with competitive plant and process technology/automation to produce quality at the lowest depreciation and production cash costs and offer friendly after-sales service involving top specialized engineers. The technology spectrum -from ore to finished product- and relevant process know-how provided by our Product Lines, the well-known tendency towards innovation and high reliability are the best guarantees in reaching this target.



Danieli Group

Danieli designs, manufactures and commissions competitive plants and equipment on a turnkey basis and as individual units for the metals industry, from ore treating to finished flat, long and tube processing. Supported by average yearly investments of 60 M Euro in R&D, Danieli's design concept aims to reduce production and depreciation costs, while improving product quality.

Headquartered in Italy and supported by technology offices and production centers in Germany, Sweden, France, The Netherlands, UK, Austria, USA, Thailand, China, India and Japan, Danieli is one of the three largest equipment suppliers in its field. Advanced technology, experience and process knowhow, together with financial strength, proper project management and manufacturing capabilities, make Danieli the reliable and innovative team in the metals industry. With over 70 plants supplied Danieli is leader in minimills for flat and long products.

Danieli Quality Philosophy

At Danieli we are aware that know-how is not only in technological process and design, but in manufacturing capability as well. The fact that we have overall control of our projects from in-house design and manufacturing to on-site start-up and commissioning creates an ideal virtual loop that consistently feeds Danieli's technological knowledge base, resulting in guaranteed quality and reliability. Danieli doesn't want to compromise the quality and reliability levels of the equipment supplied. That's why the new workshops in China and Thailand are completely owned and managed by Danieli, and operate with Danieli manufacturing know-how, to guarantee the same excellent quality we have at the headquarters workshops in Italy, and allow us to claim "Danieli workshops: same quality worldwide". By manufacturing most of the equipment in our own workshops in Italy, Thailand and China we may not have the lowest costs, but we believe this is the best way to guarantee quality.



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