

Compabloc 3000
Geared motor
with helical gears

COMPABLOC 3000



Experience and innovation

Driving loads at precise speeds or at high outputs in total safety requires absolute control of the power transmission. With this in mind, LEROY-SOMER has developed several generations of COMPABLOC over the past thirty years. Its performance and reliability have given COMPABLOC a firm foothold in the difficult market for high-efficiency inline gearboxes. Now LEROY-SOMER is launching the new COMPABLOC range. This benefits from advances in mathematical modelling of components and from our experience acquired in all types of application and working environment.



● Materials handling and Hoisting



● Stirring and Blending



● Food processing industry



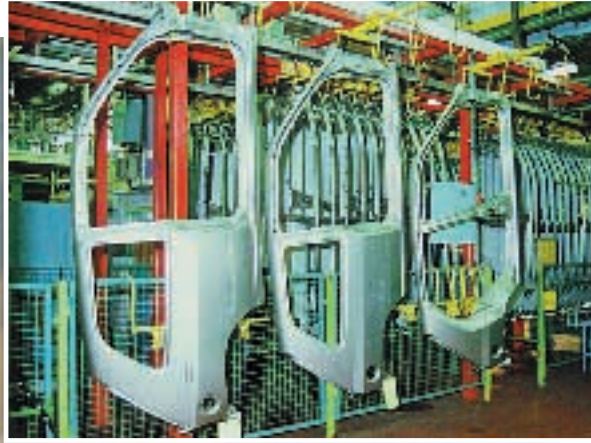
● Storage



● Packaging and Bulk packaging



● Crane slewing and Hoisting

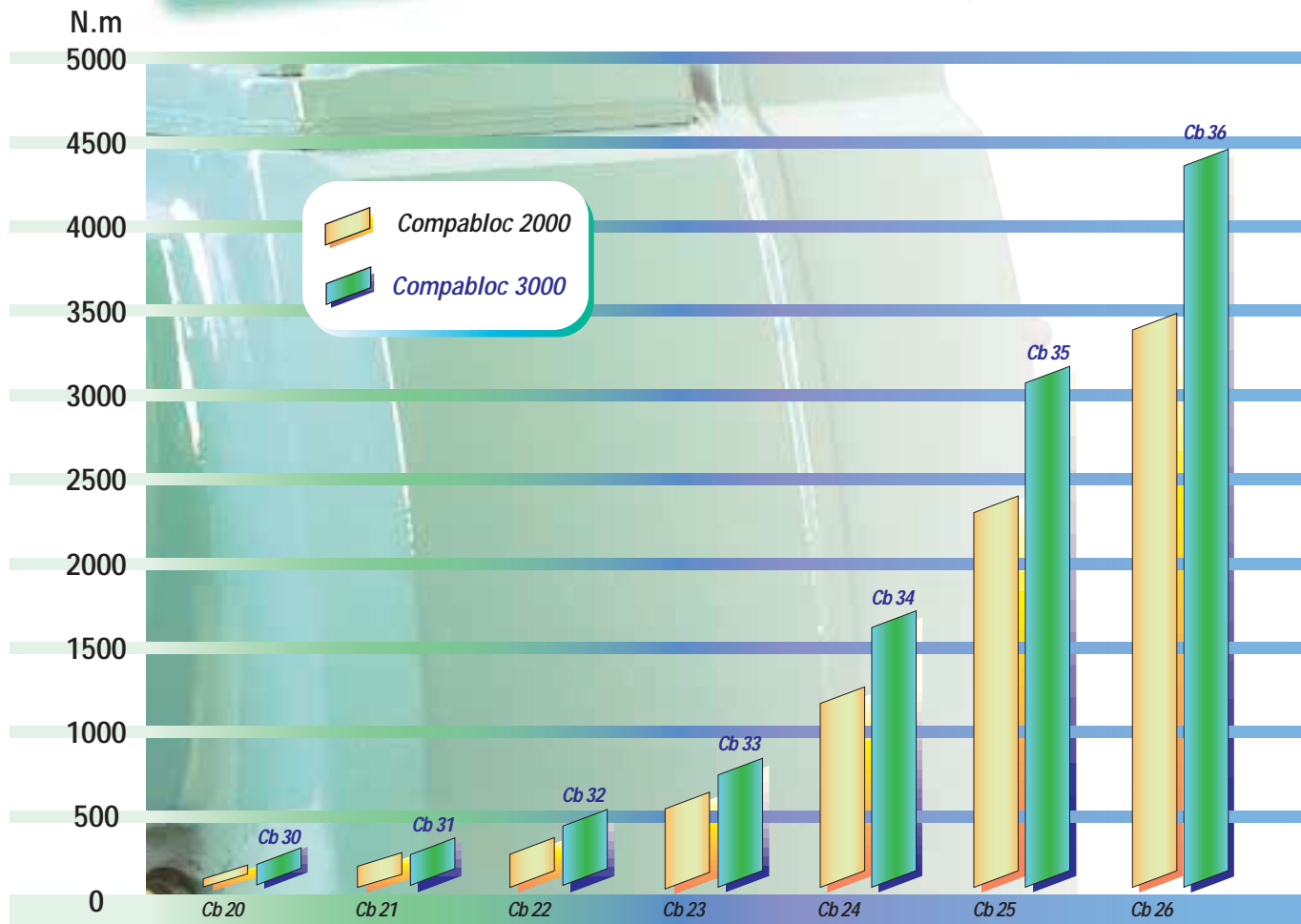


● Car industry

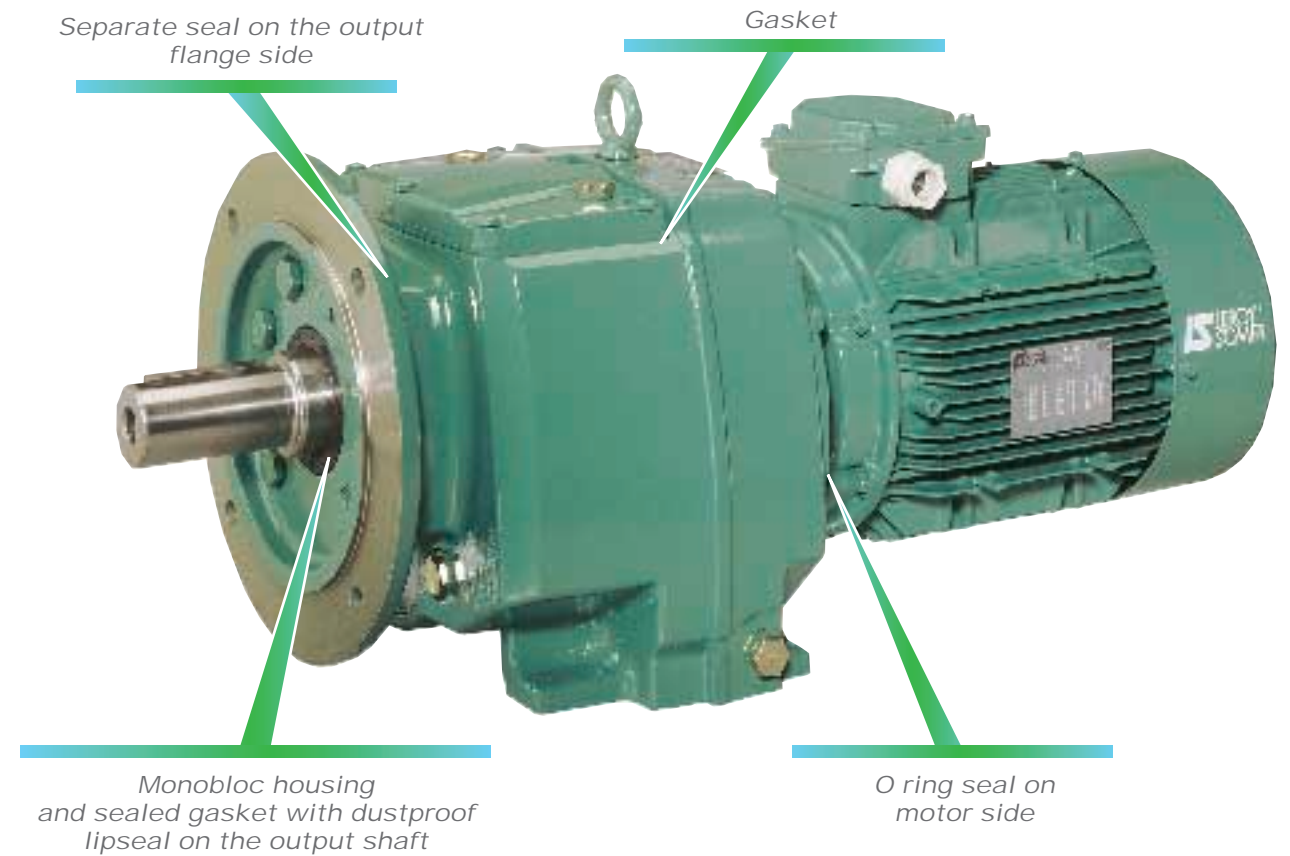
COMPABLOC 3000

The challenge to perform

To be capable of transmitting up to 40% more torque in the same physical size, and to tolerate even greater radial force while offering unrivalled quality of protection - these are the challenges taken up by the COMPABLOC 3000. Put it to the test, and you'll be pleasantly surprised.

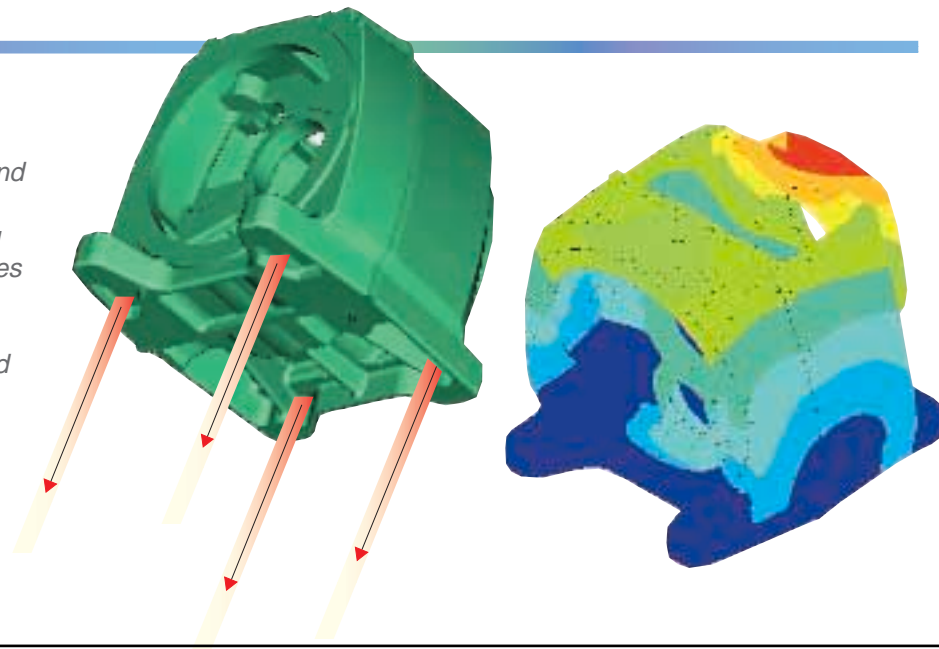


PROTECTION



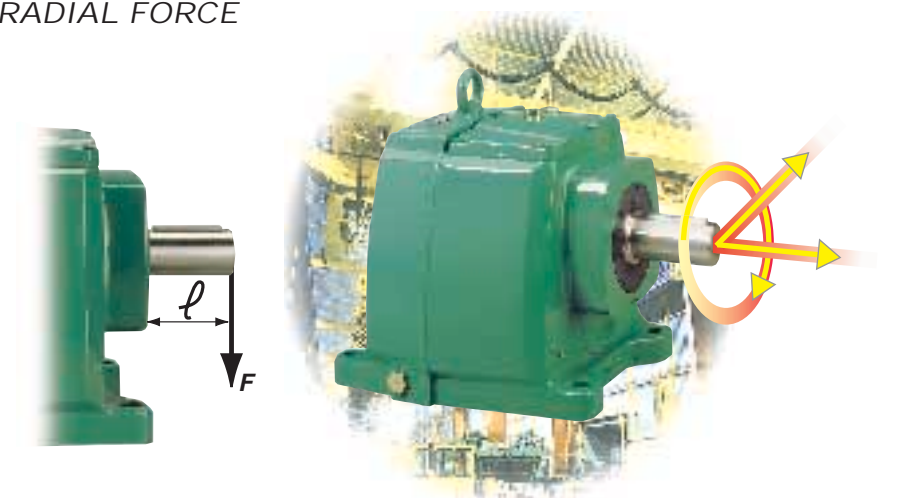
STURDIER HOUSING

Optimised by CAD modelling and finite element calculations, the COMPABLOC 3000 housing can easily withstand the stresses of the most demanding applications. Its solid feet have excellent tensile resistance, and its finned casting avoids distortion.



IMPROVED WITHSTAND TO RADIAL FORCE

Compabloc was already synonymous with unparalleled resistance to radial force. With COMPABLOC 3000, LEROY-SOMER emphasises this advantage with the possibility of using an optional version with reinforced bearings, from frame size 33 upwards.



COMPABLOC 3000

Modularity to suit every need

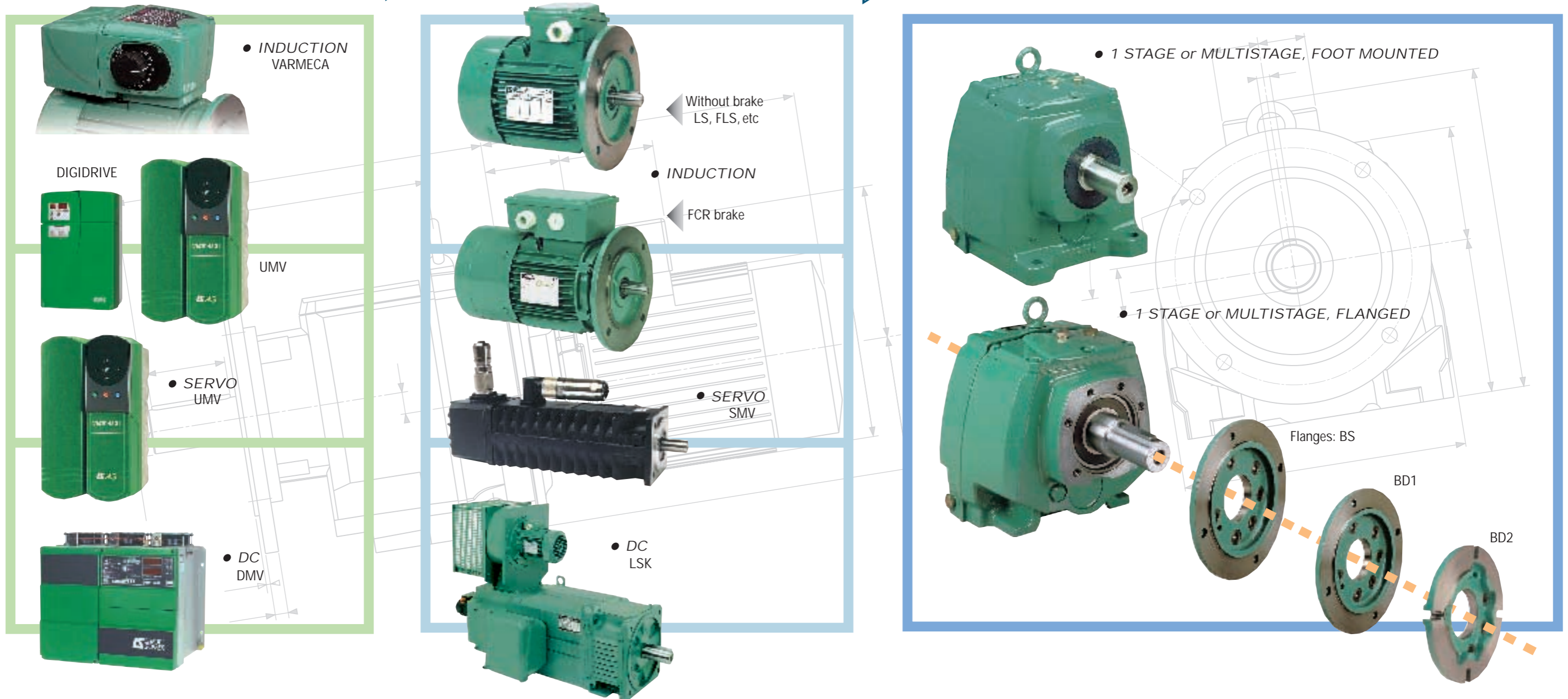
The modularity of the Compabloc 3000 range is evident not only in the choice of foot mounted versions, or versions with different diameter flanges, but also in the variety of motors and drives which can be combined with it. The resulting complete drive systems, with the benefit of all the acquired experience and quality inherent in the LEROY-SOMER name, thus provide a tremendous range of solutions.



VARIABLE SPEED

MOTORS

GEARBOXES





COMPABLOC 3000

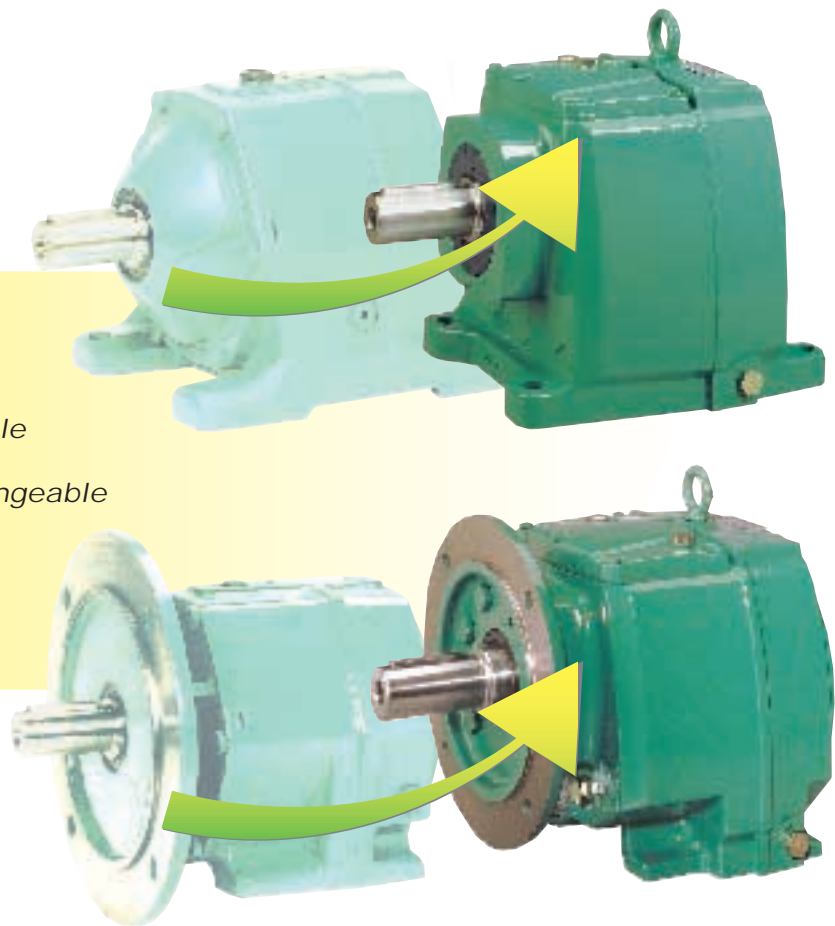
The strength of our service

Everything about the design of COMPABLOC 3000 confirms its champion status in all performance categories. For LEROY-SOMER, service is an area where the market expects outstanding performance. Ease of replacement, simplified installation and maintenance, the unique traceability of our geared motors, have all come together in this third range: putting service at the forefront.

INTERCHANGEABILITY

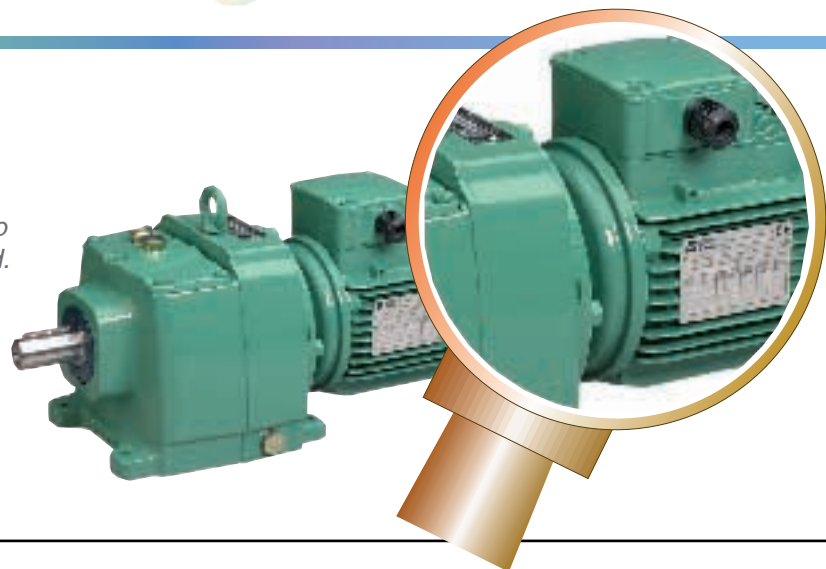


- Mounting feet interchangeable
- Output shaft interchangeable
- Output flange version interchangeable with the previous range.

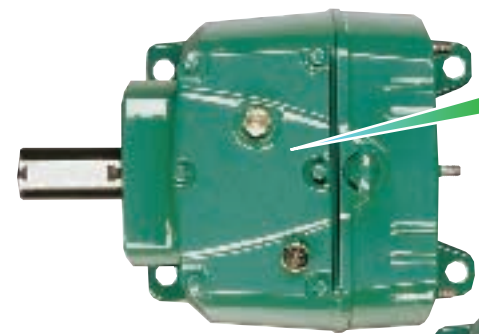


TRACEABILITY

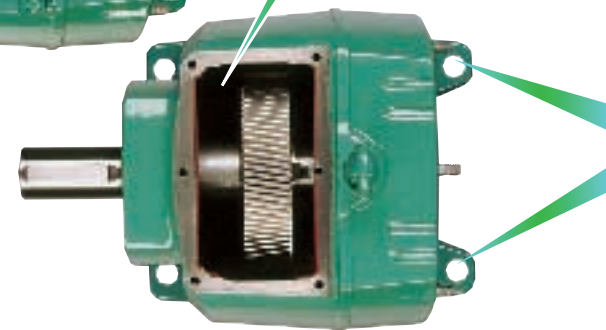
Nameplates on both the gearbox and the motor, ensuring ease of matching up if one or the other is removed.



SIMPLIFIED MAINTENANCE

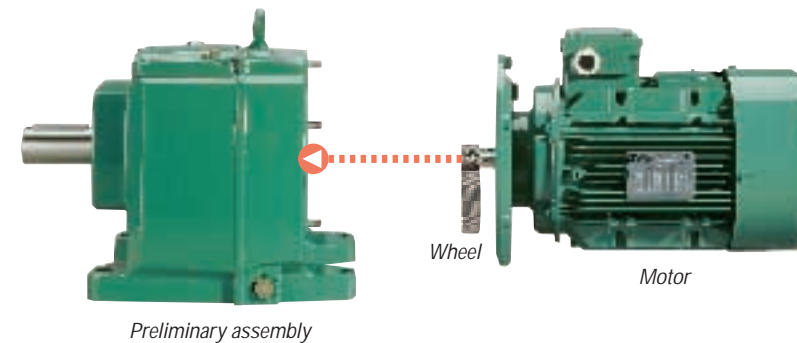


- Access cover on top for:
- Quick, clean filling and emptying
 - Inspection for preventive maintenance



- Installation facilitated by easy access to bolts for mounting the feet.

Fast wheel can be changed without removing the gearbox, once the motor has been disconnected.



INTEGRATED SPARES SERVICE



Our Integrated Spares Service is a comprehensive system which can supply you with design office approved spare part kits, or train your staff in repair techniques.

LEROY-SOMER helps you prepare for the unexpected, offering emergency repair kits so that repairs can be carried out 24 hours a day, 7 days a week.





COMPABLOC 3000

Strength of our service

For LEROY-SOMER, service begins with help in selecting COMPABLOC 3000 geared motors. You can choose between the most advanced computerised selection tools and more conventional methods. Then, the modular nature of our range, allied with our deliberate policy of "à la carte" delivery, allows you to choose your delivery time, from an exceptional variety of solutions.



CHOICE OF SELECTION FORMAT

To assist your selection, LEROY-SOMER offers a variety of selection formats:

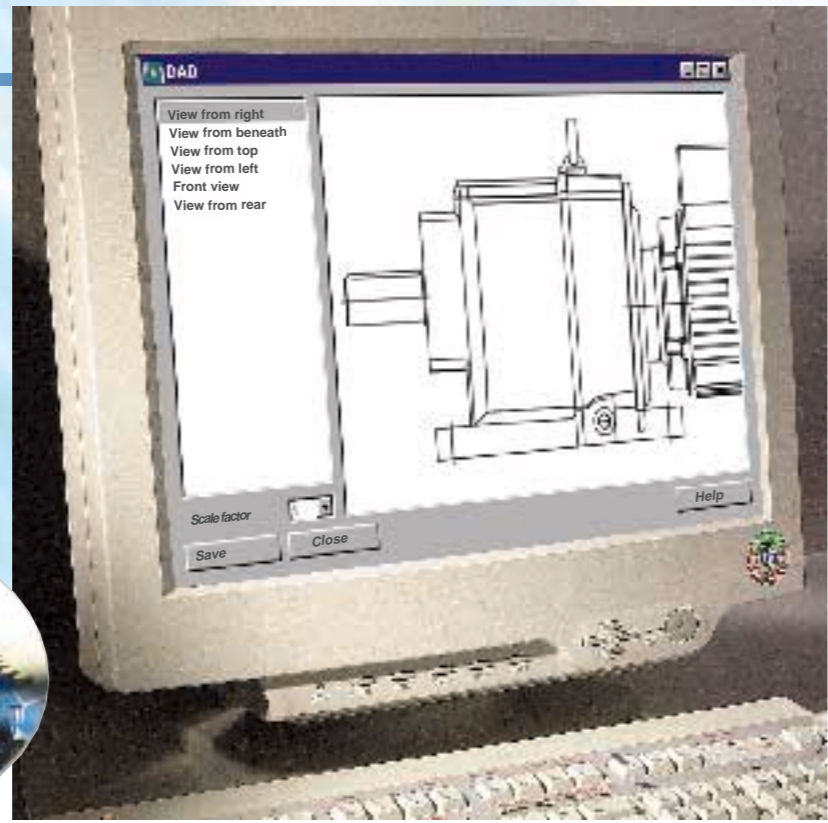
- The traditional **Technical Catalogue**, a reference document containing all the detailed information you need concerning construction, operation and selection of LEROY-SOMER geared motors
- The **Configurator** (see opposite)
- The **Catalogue for Industry**, available on CD-ROM or via the Internet, a real reference book for selecting LEROY-SOMER drive systems on short delivery (from Rapid Assembly Centres)
- Finally, our **Internet Site**, where you can find corporate information about LEROY-SOMER, details of new product launches, and conventional selection material side by side



www.leroy-somer.com

SELECTION VIA CONFIGURATOR

- Printing of a technical specification with dimensional diagram
- Automatic generation of a DXF file of the 6 view diagrams of the selected geared motor
- 6 languages



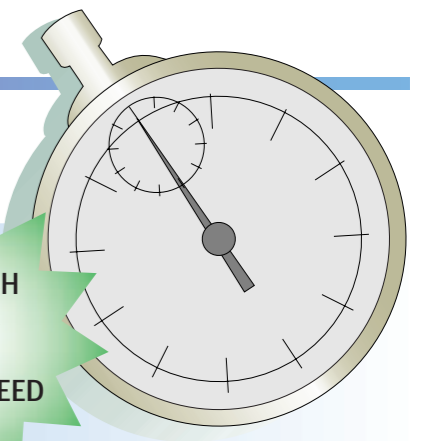
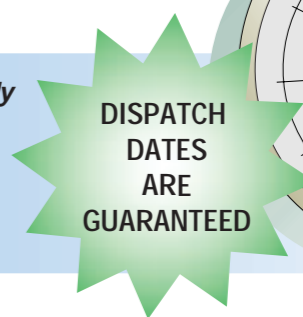
The LEROY-SOMER configurator tool is without equal. From a single CD-ROM, it allows you to select the main LEROY-SOMER motors and geared motors.

Using your application parameters (power, speed, etc) you can configure the optimum LEROY-SOMER solution in under 3 minutes, prior to integrating it directly into your CAD program.

The main standard options, for both motor and gearbox, are directly available for selection, and any combination of motor and gearbox can be manufactured.

CHOICE OF DELIVERY TIMES

- 5 to 10 working days from gearbox assembly centre
- Customer-specific delivery time contract
- Just in time
- Rush, after consultation with the factory



DRIVE SYSTEMS

LEROY-SOMER, the world leader in rotating electrical machines, has years of experience in developing drive systems for a wide variety of demanding applications.

LEROY-SOMER offers a range of gearboxes, motors and drive systems for variable speed.



470 sales and service points
45 assembly centres

MOTEURS LEROY-SOMER 16015 ANGOULÊME CEDEX - FRANCE

RCS ANGOULÊME N° B 671 820 223
Limited company with capital of 131,910,700 F

www.leroy-somer.com

