



DRIVES

**for platforms, hoists and construction site lifts
with rack and pinion transmission**

LEROY-SOMER'S GLOBAL OFFER



FLUX VECTOR CONTROLLERS

3-phase supplies, 48-62 Hz

- **DIGIDRIVE**

Open loop
200-240 V $\pm 10\%$
380-480 $\pm 10\%$
0.75 to 15 kW



- **UNIDRIVE**

Open loop or closed loop
380-480 V $\pm 10\%$
0.75 to 37 kW



BRAKE INDUCTION MOTORS

- **LS, LSMVR, FLS and FCR brake series**

0.75 to 9 kW



- **LS, LSMV, FLS and FCPL brake series**

11 to 37 kW



GEARBOXES

COAXIAL



- **COMPABLOC**

Helical gears
15,000 N.m



- **PLANIBLOC**

Epicyclic gears
60,000 N.m

PARALLEL SHAFT



- **MANUBLOC**

Helical gears
4,500 N.m

RIGHT ANGLE



- **ORTHOBLOC**

Helical bevel gears
12,000 N.m



- **MULTIBLOC**

Worm gears
1,500 N.m



FOR DRIVING PLATFORMS, HOISTS AND CONSTRUCTION SITE LIFTS WITH RACK AND PINION TRANSMISSION

Output pinion¹:

- Shrink-fitted and keyed
- Axial locking via circlips

1. Straight or helical teeth with ;
Modul 1 to 14, Diameter 14 to 582 mm.

Conforming to:

- EN 1495
- EN 12158-1
- EN 12159

Built-in brake power supply

- ISO polyamide cable gland
- Optional plug-in connector

Gear racks :

- Modul 1 to 14
- Length up to 3500 mm

Brake with anticorrosion protection

- Release lever

Gearbox with cast iron housing and end shield

- Outlet flange pinned to the housing
- FLS series motors, on request

Ready to use with ISO VG 220 lubrication (synthetic oil PAO ISO VG 150 available)

- Transparent oil level indicator

Optional centrifugal brake:

- Built-in speed limiter between the gearbox and the brake motor

Fixed speed or variable speed drive possible with the following options:

- Frequency inverter
- Encoder
- Forced ventilation
- Instrumented bearing

SERVICE

- **Technical and Commercial support** available when selecting products.
- **On-site technical support** for EN standard approval tests.
- **"Just in time"** delivery system.
- **LEROY-SOMER Service Centres** specialising in equipment repair and maintenance.

These Service Centres have been approved in compliance with a strict quality plan which focuses primarily on the centre's organisation, list of activities, procedures and equipment as well as the skill of the personnel.

The user can therefore be sure of a reliable service and equipment supplier, who adheres to technical clauses defined in collaboration with LEROY-SOMER.



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.

