

EMG

ELECTRO MACHINES COMPANY

Your partner !

All our know-how at your disposal.

EMG - EMCO

5 workshops in France,
120 technicians for your service.

Web site : <http://www.emg-emco.com>

Sales department :

Les Mauberts

33220 LES LEVES

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Headquarter and Technical
department :

60, allée de Bellevue

94170 LE PERREUX SUR MARNE

Tél. : 33 (0)1.43.24.84.31

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D-C Motors from 1 kW to 3000 kW



Frame size from 80 to 900 mm - ISO 9001 - 21 center heights available

Fully laminated

- Insulation : H – Temperature rise F
- Low noise
- High performances.
- Flawless operation in the most severe heavy-duty service.
- Long life brushes.
- Low operating cost.
- Compensating winding.
- Electrically and mechanically adaptable in accordance to your wishes (call our sales department)

AC/DC CONVERTERS for D-C motors



Converters for D-C motors

2 and 4 quadrants
from 30 to 3000 A
ISO 9001

Full digital control
User friendly

Selftuning

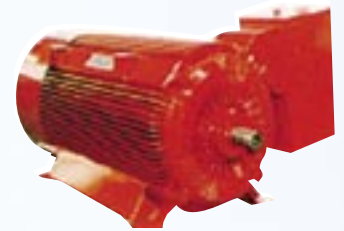
Complete installation in a
cabinet is available

Asynchronous Motors & frequency converters

Low and medium voltage motors from 0.37 KW to 10 MW



range: moto ventilated IC 06 with encoder
for running through frequency converters



Frequency converters for asynchronous motors (Constant speed-frequency ratio / or vectorial)



Power from 1.5 KW to 3735 KW
IGBT Technology :

- Full digital control, modes constant S/F ratio or vectorial available
- Easy fitting up
- Available in medium voltage range up to 10.8 KV and 10 MW

Repair and services



Repair, reconstruction of DC and AC motors.

ENCO motors Specialist

Motor maintenance on site and services

- Electrical controls (insulation level, polarization ratio ...)
- Vibration and thermal controls
- Running improvements
- Routine controls on DC machines (improvements of the brush or commutator life, improvement of the commutation ...) ,and on synchron /Asynchronous machines
- Maintenance staff teaching
- Consulting and assistance



Reconstruction of electrical machines with performance improvements. (motor, alternator , ...)

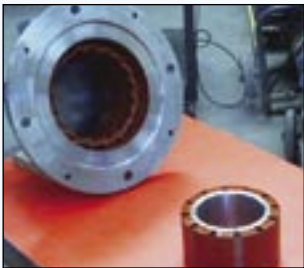
Manufacturing of exciters & permanent magnets generators



- Synchronous and asynchronous exciters equipped with their rectifier bridge.
- Permanent magnet generator PMG.
- Brush/ring system.

These products are developed in accordance with their specific use :

- Hydraulic.
- Diesels.
- High-speed machines.



Special electrical machines

- Frequency converter set (50 - 60Hz / 200 - 400 - 900 Hz etc...)
- Variable frequency converter set.
- Frequency converter set for transformer tests 150 and 200 HZ.
- Special alternator : 400 HZ or other.
- Induction Regulator.
- Manufacturing of magnetical laminations for electrical machines with adaptable tools in accordance with your drawings .
(Low quantity possible)



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Our customers

Alstom T&D France - Alstom T&D Turquie - Alstom Belfort - Alstom ACEC Charleroi - Alstom moteurs Nancy - Armée de l'Air - ARAA - ASI Robicon
 BIB - CEGELEC Vénissieux, Le Havre, Marseille, Vitrolles - C.F.F. Bruxelles Milan, Toulouse, Paris - Compagnie Générale des Eaux - Elin
 VATECH Autriche - FAEP - Framatome - France Transfos - Houvenaghel 2 Henergy - Hutchinson - Hydro Québec - Interep - Jeumont Industrie
 Lafarge - Leroy somer - Messier Bugatti - Meije - MELEC - Papeterie Job - Papeteries Saint-Girons industrie - Papeterie Matussière et Forest
 Pirelli - Pichon - RDT 13 (régie des transports) - Rhodia - Sagem - Sarelem - Schneider - Seirel - Société des téléphériques de Tignes - Société des
 téléphériques des Arcs - Société des téléphériques de Val d'Isère - Sucrierie du GOL - THALES - Thomson systèmes défense - Techinter