August, 2019



**Company Profile** 

### Our motors, your (e)-motion.

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## **Commex Motors Srl**

- Commex Motors is an Italian company specialized in supplying:
  - DC Micromotors
  - o DC Geared motors
  - o DC Linear actuators
- We have been for more than 20 years in the markets around the world in the automotive, building automation, industrial automation, vending and electromedical field.
- We can help and support our customers in the design and development of their new and innovative products, more as a partnership than only a simple commercial supplier.



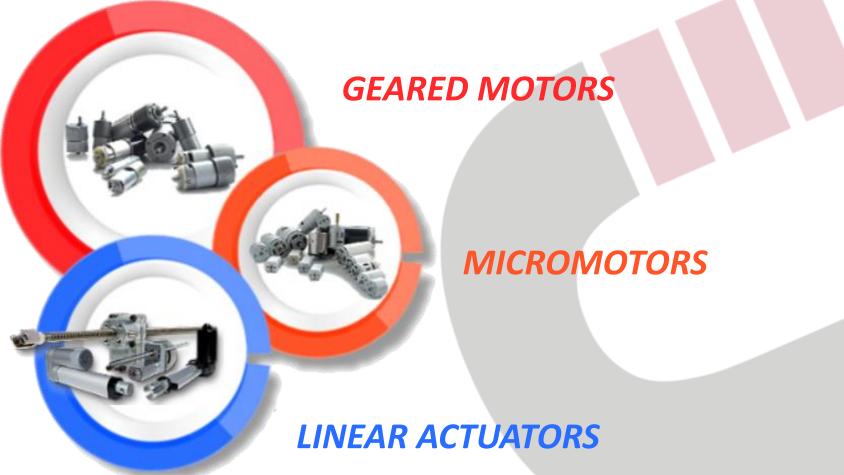
# The company at a glance

- Starting from 1<sup>st</sup> August, Commex has become part of UNUS International SpA and its name was changed to Commex Motors Srl.
- UNUS International is an internationally renowned industrial group that designs and manufactures motors for the OEM and aftermarket segments (for more information → please check the website <u>www.unus-int.it</u>).
- Commex Motors Srl is now able to provide specialised and customised solutions for various applications, ensuring the high product quality standards that have made UNUS International known in the automotive industry. Our company can benefit from the corporate structure and strategic and operational synergies of UNUS International SpA, whose R&D and Engineering department is highly specialised in industrial automation and electromechanics.



## Our products

Small motors...for big motions!





## Micromotors

#### Micromotori Micromotors

Micromotori in corrente continua a magneti permanenti con collettore *Permanent Magnet dc micromotors* 

Diametri: Diameters:

Alimentazione: Voltage:

Coppie Massime: Maximum Torques: da 21 mm al 51 mm from 21 mm up to 51 mm

da 1,5 DCV a 48 DCV from 1,5 DCV up to 48 DCV

da 20 gr/cm a 8.000 gr/cm from 20 gr/cm up to 8.000 gr/cm Motors are produced according to customer electrical specification.



## Geared motors

#### Motoriduttori **Geared motors**

Motoriduttori in corrente continua DC Geared motors

> Diametri: Diameters:

Alimentazione: Voltage:

Rapporti di riduzione: da 1:4,5 a 1:3000 **Reduction ratios:** 

Coppie Massime: Maximum Torques: da 22 mm al 40 mm from 22 mm up to 40 mm

- da 6 DCV a 24 DCV from 6 DCV up to 24 DCV
- from 1:4,5 up to 1:3000

da 1,5 kg/cm a 50 kg/cm from 1,5 kg/cm up to 50 kg/cm

Motorgear can be supplied with magnetic encoder (Hall sensor) at different pulses/rev and RFI suppressor.



## Linear actuator

#### Attuatori lineari <u>Linear actuators</u>

Attuatori lineari in corrente continua DC linear actuators

Alimentazione: Voltage: 12 DCV - 24 DCV 12 DCV - 24 DCV

Rapporti di trasmissione: *Reduction ratios:* 

Velocità: Speed:

Corsa: Stroke:

Forze Massime: Maximum Load:

Vite: Screw: da 1:12 a 1:240 *da 1:12 a 1:240* 

da 0,5 mm/s a 30 mm/s from 0,5 mm/s up to 30 mm/s

da 5 mm a 500 mm from 5 mm up to 500 mm

da 10 kg a 300 kg from 10 kg up to 300 kg

trapezia a trascinamento trapezium

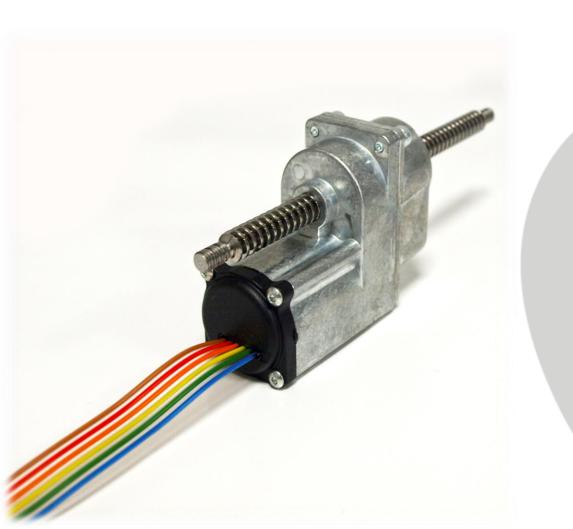


Linear actuator can be supplied with magnetic encoder (Hall sensor) at different pulses/rev and RFI suppressor.



## Linear actuator CX.LAT7

#### Our own production



### CX.LAT7

Linear actuator with trapezium screw:

- Small
- Solid
- Powerful
  - Silent
  - Cheap
  - 12-24 V



# Thank you for your attention

Commex Motors Srl Via di Rivale 49/51 30030 Pianiga (Venice) - Italy Tel. +39 041 5199082 - Fax +39 041 469620 sales@commexmotors.it

### OUR MOTORS, YOUR (E)-MOTION