

**NEWS**

# ELECTRIC MASTS

**LIFT-TEK**  
**ELECAR** MASTS  
Lift Technologies 



**LIFT-TEK ELECAR S.p.A.**

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## Why ?

In manufacturing facilities where AGVs (automatic guided vehicles) are employed and where it is fundamental to work in a clean environment, completely unsullied by external agents such as the hydraulic oil used to operate traditional masts, the need arises to build an electrically driven mast.



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## Our proposal

Thanks to our Research & Development staff working in our technical department, Lift-Tek Elecar has designed a new series of electrically driven masts. Currently there are two types available:

- Mono mast as shown in the picture on the right hand side can raise from 0.5 up to 2 metre lift
- Simplex mast with one single stage from 2 up to 3 metre lift.

Motor Reducer



Ball screw

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# Advantages

1. No hydraulic oil used.
2. Increased autonomy of the AGV vehicle thanks to the extra space left by the hydraulic control unit which can be used to host additional batteries.
3. Reduction of the sensors quantity fitted on the mast thanks to an integrated encoder situated in the electric motor.



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