



Description

The **RY-XT5500** is a **electro-hydraulic scissor lifter, specially design for alignment**. It is equipped with an **auxiliary extendable platform integrated on both platforms**, with a maximum capacity of 5.000 kg.

It has a **mechanical blocker to provide more safety, a height control** with a end-race sensor.



Possibility to be installed on the floor or built-in

Technical Data and Dimensions

Max load	5 T
Power supply	380 V
Engine power	2.6 kW
Max height	2,160 mm
Jack elevation height	450 mm
Min height	290 - 330 mm
Dimensions and weight	5,000 x 608 mm 2,690 kg
Elevation time	65''
Air pressure	6 - 8 bar
Noise level	< 80 dB (A)

Standard Equipment

- ✔ Civil work frame
- ✔ Electronic control panel

Operation

The **elevation of the platform is done by the hydraulic unit that acts on the enslaved cylinder**. The **platforms are elevated simultaneously** due to the crossed supply of the hydraulic cylinders. **The descent, besides being electrically controlled, is performed by the own platforms and the lifted load weight**.

The **descent of the auxiliary platforms** with little load **can be accelerated** through the pneumatic action in the cylinder wall cavity. The **hydraulic system is protected by a maximum pressure valve**, avoiding the pressure to overpass the safety maximum limit determined.

The synchronisation of the platforms is done through the master/enslaved circuit, and its protected by a photo-cell (optional) to avoid the platforms from desynchronise.

The lifting and the descent of the lifter is controlled by buttons located on the control panel. Each time the lifter goes down to its limit, and the descent button is pressed, the lifter will stop approximately at 400 mm from the floor.

In this way, **the operator can verify that there are not any persons neither objects near the safety zone**. If that is the case, the descent button can be pressed again and the lifter will go down completely. A sound will be emitted during this last movement.

