

FineLIFT Air Balancer

Twin Rope | Zero Gravity | Customised Grippers | Endless Possibilities



Fast & smooth transfer with high precision

- Safer alternative to hoists
- Requires no electricity
- Completely safe for handling of fragile or critical components
- Shorter cycle times

Salient Features

- Minimal lifting effort (as compared to drum type balancers)
- Components gripped can be directly touched and handled
- No jerky movements during lifting or lowering
- Ergonomic and requirement based controls (example: motorcycle accelerator type control)
- Effective load balancing on the overhead rails with two trolleys
- Two-lifting cables for increased safety
- Lightweight Aluminium design; easy movement on overhead rails
- Minimal maintenance
- Very low air consumption (5NL per stroke) and very low noise generation (less than 70 dB)

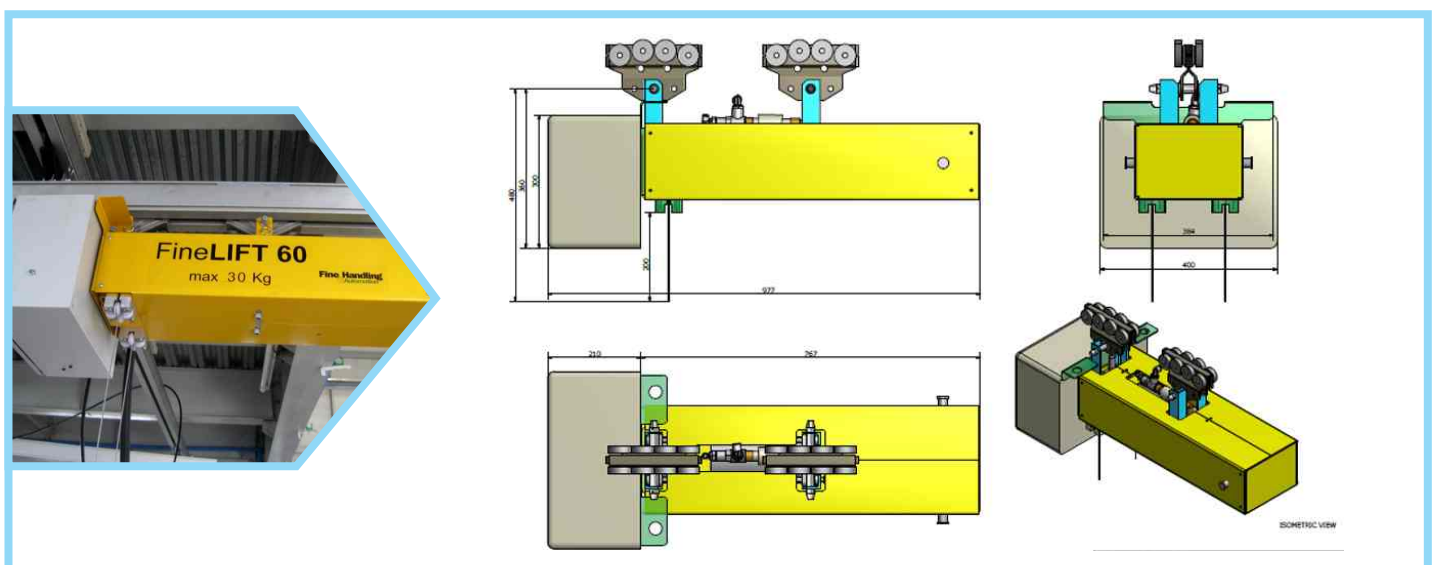
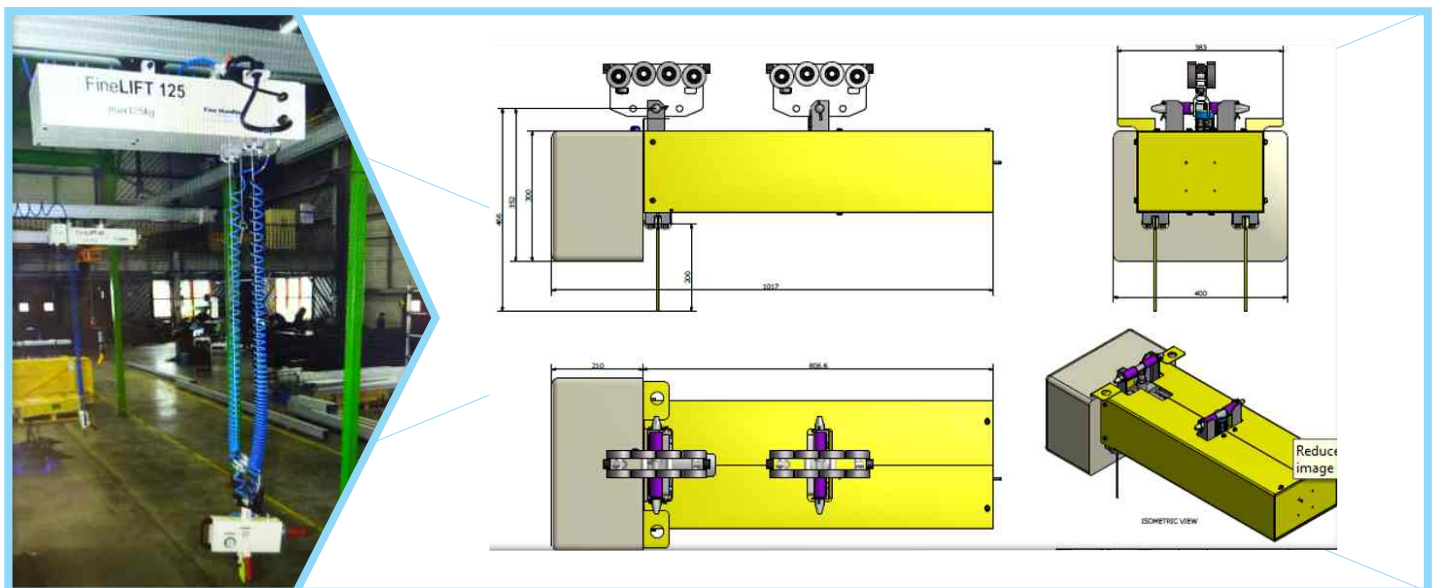
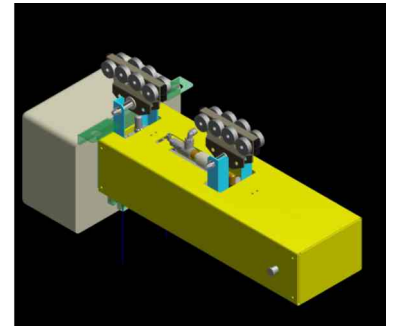
Inbuilt safety circuit

- Equipment goes into balance only after proper sensing of jobs
- Safety against improper handling (no "out-of-balance" with load and hence no dropping of parts).
- Safety against air supply failure.

Make Handling of load the easiest task on your work desk and shop floor

The inbuilt mechanism has a cable winding unit, which has axial movement with specially developed seals to lower friction. This ensures minimal lifting effort and fine sensitivity of the pneumatic circuit for balancing. The cables come out of the balancer by rolling over a mechanism, preventing any damage to the cables.

The cables used are highly flexible, galvanised with high breaking strength and are rigorously tested for their performance in our works. For additional safety, two balancing cables are provided. The balancer is made of high quality components and is hence very reliable, giving long operational life. Also the balancer is maintenance-friendly, where individual parts can be replaced or repaired, instead of being completely changed. The balancer can be directly attached to overhead rails. Every balancer requires 2 overhead rail-trolleys for better distribution of load onto the overhead rails. The equipment can be made suitable to any overhead rail make, but our trolleys are only compatible with our Rail Systems.



Note:

- FineLIFT Air Balancer is a patent product by Fine Handling & Automation
- We shall provide a warranty of 2 years against any manufacturing defect.
- Fine Handling shall provide spares & service support for a minimum of 10 years from the date of supply.
- The critical wear & tear parts list will be shared so that customer can keep it in stock for emergency purposes.