

Oleo International state of the art elevator buffers installed in the iconic CTF Finance Centre.



BUFFERS USED IN CTF FINANCE CENTRE



PROJECT APPLICATION

The Guangzhou Chow Tai Fook Finance Centre in China houses one of the world's fastest elevators, which can reach speeds up to 20m/s (45 mph).

Oleo international were commissioned to design and develop an energy dissipation buffer to a rated speed of 11.55m/s which allows the customer to achieve new levels of elevator speed.

This project not only required a brand new buffer design but Oleo also had to develop a complete test facility as none existed to test a buffer of such a size.

WHAT WE SUPPLIED

Oleo supplied 4 HSL115 Elevator Buffers. Boasting a 4 stage telescopic plunge system this allows the HSL115 to compress to a minimal height of 5.5meters from a massive 15meters fully extended.

The HSL115 buffer was fully designed and developed at Oleo Internationals UK facility. It has obtained certification to EN81 and GB7588. Testing was completed in our purpose-built Oleo elevator test tower, the largest in Europe dedicated to testing buffers.

BENEFITS DELIVERED

- A buffer that can achieve new levels in speed.
- All manufacturing and testing carried out by Oleo International.
- Self contained, maintenance free (except stator inspections) buffers.
- High quality product to achieve minimum life-cycle costs.

APPLICATIONS

- PASSENGER
- EXPRESS
- COMMERCIAL
- MODERNISATION
- FREIGHT
- VEHICLE
- SPECIAL APPLICATIONS