

PROJECT MANAGEMENT

JOB: Stenmar Group were recommended to Bovis Lend Lease to design and install a hydraulic system to operate 5 tilting shop-front doors at Rouse Hill Town Centre.

The doors are opened & closed by large hydraulic cylinders and need to stay in the open (raised) position for the full trading hours of each shop. Stenmar's system has a hydraulic power unit for each door remotely located in a plant room.

There is an auxiliary unit which can be used as a back-up to ensure that even in an emergency, everything remains operational.

Each shop easily opens & closes their own door with a key control at their discretion.

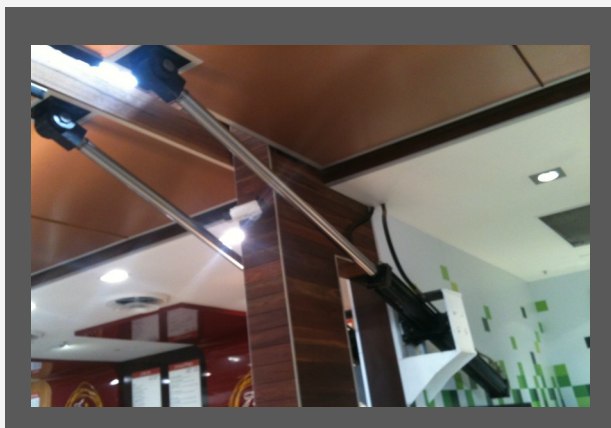
The system also incorporates a number of safety elements to ensure the doors stay open even in the event of a power failure.



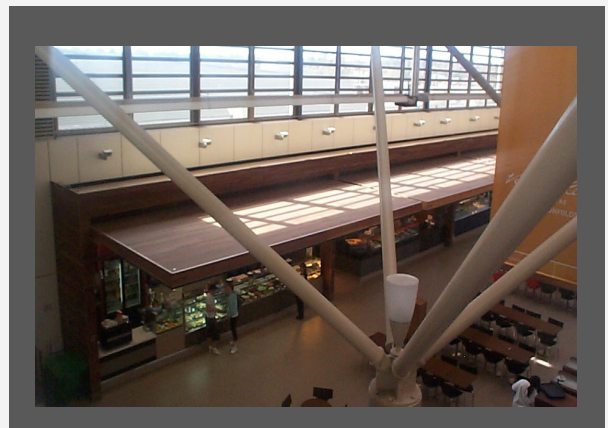
Hydraulic power units



Open shop front doors



Trunnion mounted cylinders lift the doors



View from above—open shop front doors