

Monarch Renlita Hydraulic Bi-fold Door

RENLITA DOORS

An outstanding hydraulic bi-fold door for many commercial openings.

Hydraulics provide an elegant way to bear greater weight and open your façade in a two-leaf option.

**Monarch
Renlita**

OVERVIEW

The Monarch Renlita Hydraulic door is a two-leafed commercial bi-fold door, hinged horizontally. This innovative design allows the door to fold and project inside or outside the building, giving you more options in the use of space depending on the structural requirements.

Each Renlita door is tailored to suit your architectural preferences with a wide range of glazing and cladding material to choose from.

A larger counterweighted truss frame, two-leaf bi-fold option also available. Please contact us for more information.

APPLICATIONS

These hydraulic doors are suitable for many applications including:

- Shopping centres
- Bar and counter tops
- Shop fronts
- Doorways
- Sports complexes
- Arcades
- Clubs
- Gyms
- Hangars
- Factories
- Warehouses
- Restaurants

SPECIFICATIONS

Operation: Panel operated by hydraulic cylinders on each side of the door panel. Stroke length and bore to be designed to carry the load and incorporate a safety factor of 2.

Locking: Automatically locked by the hydraulic system.

Frame: Constructed from steel RHS frame. Sized according to door dimensions and structural loads.

Brackets: Mild steel or stainless steel plate. Designed in accordance with the door size and application.

Tracks: Custom pressed steel channels. Designed for door size generally incorporating pivot point in track head.

Bottom Rollers: Generally deep groove ball-bearings running on a Delrin outer tyre to suit track dimensions.

Control: Cylinders to be controlled by 240 volt or 24 volt (depending on size of door) hydraulic power pack controlling multiple doors as specified. Pump capacity to be sized to allow multiple doors to open and close at a suitable rate. Power pack to incorporate an over centre valve to ensure the door panel has to be driven down and not close under gravitational loads. Power pack normally operated via a spring return to off key switch, the key must have constant pressure applied to maintain door operation and must be located within visible site of the operating door. Other control options available.

SIZE	WARRANTY PERIOD
Maximum width: 16 metres Consult us for larger sizes. Maximum height: 5 metres	1 year