

# ADIS

A U T O M A T I C   D O O R S

I N T R O D U C E S

## NCT SERIES

### TELESCOPIC SLIDING DOOR



**STRONGER ▶ QUIETER ▶ COMPACT**



The AUSTRALIAN Automatic Door Company

# The Company

ADIS AUTOMATIC DOORS is a fully Australian owned and operated company.

The name ADIS simply means, Automatic Door Installation Services. The company has over 35 years of experience in the Automatic Doors Industry.

ADIS philosophy is provide a high quality product at a competitive price backed by the highest standard of back up service to achieve total customer satisfaction. The introduction of the Next Generation Series of Automatic Door operators is a major advancement in automatic doors technology in the Australian and global automatic door markets. This series includes the most advanced features available in the world.

ADIS research and design team have developed the NG series of door equipment to ensure maximum performance, durability and reliability, plus compatibility with the new Australian Standard AS 5007-2007 and European Standard DIN 18650-1:2005.

ADIS Automatic Doors have been successful in achieving the AUSTRALIAN DESIGN AWARD for excellence in product design & excellence in product efficiency.



A narrow entrance way



Telescopic door allows max opening



Confined doorway space



Maximum door opening using flush line glazing

**FRAMED & FRAMELESS GLASS ENTRIES**



Frameless Telescopic Closed



Partially Opened



Frameless Glass doors in open position



Framed Telescopic Closed



Partially Opened



Frameless Glass doors in open position

## Quiet Operation

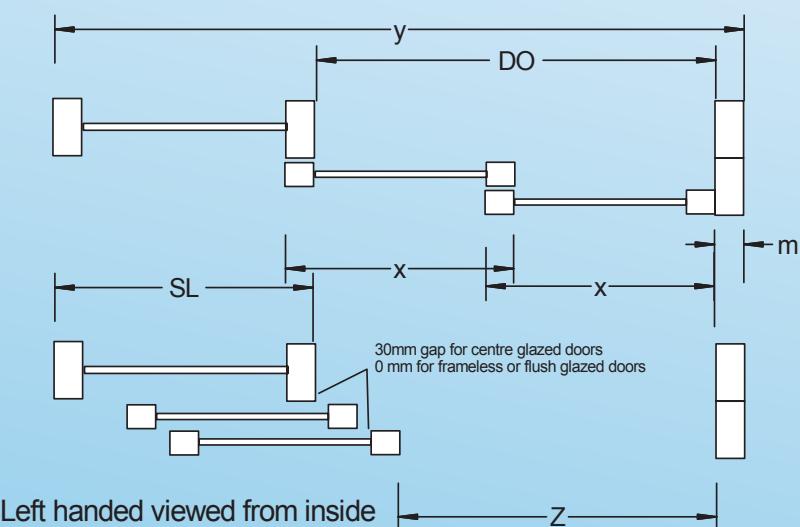
Tracking system is dual linear, which is designed for high security and long life service. The carriage assemblies are fitted with unique track wheels that eliminates the possibility of the doors disengagement from the track.

## Advanced Technology

ADIS utilizes the latest in digital microprocessor technology, giving the control unit multiple programmable modes including: - provision to interface with building security system, monitoring the doors position and locks status, built-in UPS. The microprocessor operating parameters can be adjusted to accommodate various climatic conditions and specific site requirements in relation to speed, braking etc. Safety is a priority: The ADIS microprocessor will automatically reverse operation while the door is closing, should the doors be obstructed. Photo electric or active infrared safety sensors are recommended to focus across the doorway to halt and open the doors immediately upon the sensor detecting an obstruction.

## Features:

- System designed to give max possible door opening
- Australian Made
- Designed for New Standards
- Flushed Glazed doors allows doors to be parallel when open
- High Security Electric Locking
- Available in 2 and 4 doors modules
- Energy Efficient Low Power Consumption



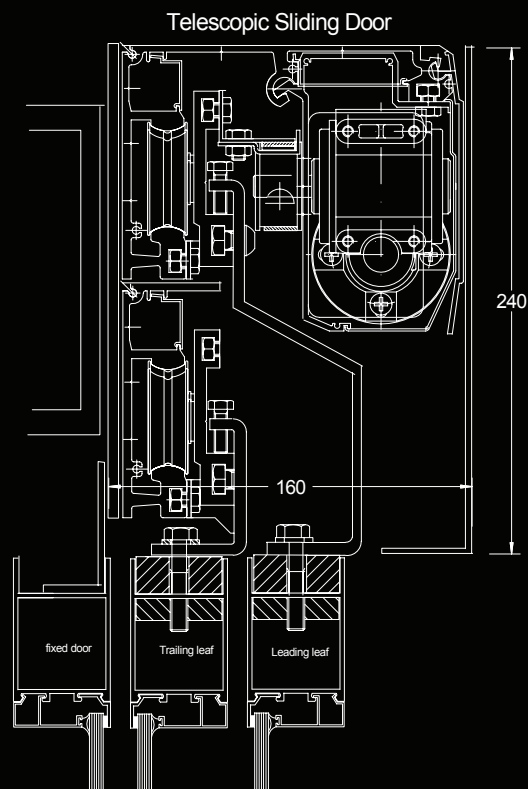
## NGT single slide Telescopic layout sheet for centrally glazed doors

### Formular

Where  $y > 2260$  : -  $Z = y - 250\text{mm} / 1.5$   
 Where  $y < 2260$  : -  $Z = y - 920\text{mm}$   
 Minimum length unit 1920mm  
 to give  $Z = 1\text{m}$

# COMPARE ADIS ADVANTAGES

- ADIS is Australian owned and Australian manufactured.
- Overall track height of 240cm.
- Compact modular design of motor drive system.
- Latest digital microprocessor controller to gain more exact control of the door operator, Provision to interface with building security systems.
- Over engineered to take total door weights of up to 160 Kg (max door weight of 80 Kg).
- The main transom housing is hard coated anodized to give smooth operation of the exclusive dual track system.
- No exposed wiring due to concealed wiring system.
- Built in UPS (Uninterrupted Power Supply) can allow doors to continue to operate under a power failure when doors are locked. This is a standard feature in ADIS NG series operator not an extra.
- Improved multiple safety features to ensure maximum user safety.
- High security electric motor locking.
- Zone activation sensor system that uses latest presence detection technology to improve overall safety.
- Unique interlocking cover pelmet which prevents any chances of pelmet cover dislodging from the main track system. An added safety feature.



## BACK UP SERVICE

- Fully qualified technicians to meet our high standard of company service.
- A complete 24 hour, 7 days a week, ongoing preventive maintenance service.
- Extensive nationwide service network via our 1800 number.

## TECHNICAL SPECIFICATIONS

|  |                 |                                       |            |
|--|-----------------|---------------------------------------|------------|
| Opening width maximum                        | 2500 mm         | Exit only function                    | Yes        |
| Operator length up to                        | 4000 mm         | Battery Backup                        | Yes        |
| Total combined weight for 4 doors system     | 240 Kg          | UPS when locked                       | Yes        |
| Total combined weight for 2 doors system     | 160 Kg          | UPS in all conditions                 | Optional   |
| Opening speed per leading edge leaf variable | 100-1000 mm/sec | Open closed positional signal         | Optional   |
| Closing speed per leading edge leaf variable | 25-1000 mm/sec  | High security electric locking        | Optional   |
| Door open dwell time, variable               | 0-60 sec        | Locked / unlocked signal              | Yes        |
| Manual opening/ closing force                | <130 N          | Open closed positional signal         | Yes        |
| Operator size height/depth                   | 240 mm / 160 mm | Memory setting retained without power | Yes        |
| Fail safe/ fail secure                       | Yes / Yes       | Operating Power                       | 24 Volts   |
| Airlock function                             | Yes             | Appliance Rating                      | 40 Watts   |
| Press closed function                        | Yes             | Memory setting retained without power | Yes        |
| Climate control (reduced opening) function   | Yes             | Power supply                          | 240V/10Amp |
| Noise attenuation                            | 32 db           | Solar power operation                 | Optional   |
| Keypad control                               | Optional        |                                       |            |
| Safety stop                                  | Yes             |                                       |            |
| Safety return                                | Yes             |                                       |            |
| Safety beam shut off when closed             | Yes             |                                       |            |
| Fire alarm activation                        | Yes             |                                       |            |
| Chime outlet                                 | Yes             |                                       |            |



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