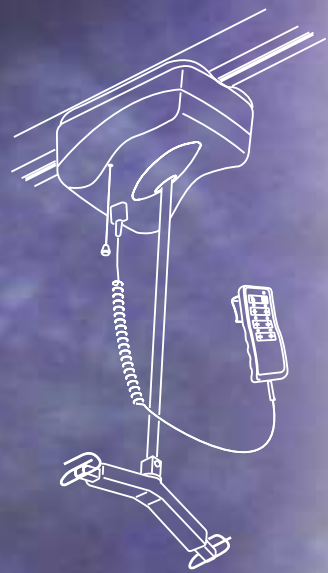


SPECIFY Chiltern Invadex



technical
information



FREQUENTLY ASKED QUESTIONS

FACTORS TO CONSIDER

Consider the following points when selecting appropriate moving and handling equipment;

Function:

1. What do you want the hoist to do? For example, lift from a chair, bed or bath.

Environment

2. Where will the hoist be used? In a room, swimming pool, hospital or mortuary.

Client

3. What is the weight of the client.

1. WHAT IS THE MAXIMUM LOAD OF EACH HOIST IN THE RANGE?

Model	maximum load
Lite Portable model	200kg (31 stones) (440lb)
100 Series hoist	130kg (20 stones) (286lb)
200 Series hoist	200kg (31 stones) (440lb)
300 Series hoist	272kg (42 stones) (598lb)

2. WHAT IS THE AVERAGE NUMBER OF LIFTS PER CHARGE?

Model	70kg patient	maximum load
Lite Portable model	50 Lifts	15-20 Lifts
100 Series hoist	60 Lifts	15-20 Lifts
200 Series hoist	200 Lifts	15-20 Lifts
300 Series hoist	200 Lifts	15-20 Lifts

3. FIXINGS

WHAT IS THE DISTANCE BETWEEN THE FIXINGS?

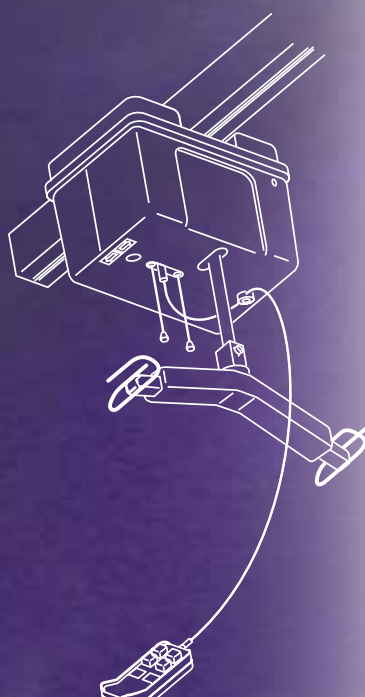
No more than 1500mm.

WHAT TYPE OF FIXINGS CAN BE USED?

Coach screw, chemical, mechanical.

WHAT IS THE DIAMETER OF THE FIXINGS?

10 or 12mm.





4. RADIUS OF BENDS

Curved track is available with 90, 45, 30, 15 and 10 degree bends.
The radius is 760mm.

5. WHAT IS THE DEFLECTION IN THE TRACK OVER DISTANCE?

In accordance with the requirements of BS EN10535 (section 6.3) the maximum deflection of any horizontal track used in the construction of a hoist system shall not be more than 1mm in every 200mm of track length.

6. TRACK LENGTHS

Wispa track is available in 2.5m (8ft) and 5m (16ft) lengths. Piggyback is a 100mm (4") deep, extruded aluminium box section, which the track slides into from either end. Piggy back is available in 5m (16ft) lengths only.

7. WHAT ARE THE SERVICE INTERVALS?

Based upon British and European Standard BS EN 10535 and Health and Safety Executive guidance Chiltern Invadex recommend that hoists are fully serviced, including a load test, at least every 12 months with an interim six monthly inspection to Lifting Operations and Lifting Equipment Regulations (LOLER 1998) requirements.

The frequency of servicing should be increased in areas where the environment (e.g swimming pools) or heavy usage may cause deterioration of the equipment. Further details can be obtained from any Chiltern Invadex Office, shown on the back of this Specifiers Guide.

Chiltern Invadex and its Authorised Dealers are able to carry out all aspects of servicing and maintenance work. Maintenance of this equipment should only be conducted by engineers trained and certified by Chiltern Invadex.

8. CAN THE HOIST BE USED IN WET AREAS SUCH AS SWIMMING POOLS?

Yes, but all fixings must be stainless steel.

9. HOW IS THE INSTALLATION LOAD TESTED?

According to Lifting Operations and Lifting Equipment Regulations (LOLER 1998) a competent person should decide whether a test is necessary. Chiltern Invadex recommend a load test to 110% of the maximum load along the entire track length to ensure that the installation is installed securely.

10. PICK-UP POINTS

The position of a ceiling track in relation to the pick-up point for a standard bed, profiling bed, toilet and bath is shown on page 12.