

Special Purpose Hoists

In addition to general-purpose mobile hoists, there are a number of specialist hoists that may be used to transfer individuals in different environments and situations. These hoists include multipurpose, Overhead/ceiling, Bath, Pool, Wall Mounted, and Vehicle hoists.



MULTIPURPOSE HOISTS

Multipurpose hoists are designed to offer the benefits and functions of both mobile and stand-up hoists.

These may be useful for an individual who fluctuates in functional ability and/or for multiple users.

These tend to be slightly more expensive.

OVERHEAD AND GANTRY HOISTS

Overhead/ceiling hoists consist of a lifting device with a spreader bar for slings to attach to.

The lifting device hangs from an overhead track or a gantry frame. Movement of the person being hoisted is therefore limited to where the ceiling or gantry tracks are positioned.

These hoists are most useful where space is limited or in a situation where the points of transfer to and from are very predictable (e.g. bed to bathroom).

POOL HOISTS

Pool hoists have a boom attached to a seat, sling or stretcher, which is used to lift a person in/out of the pool.

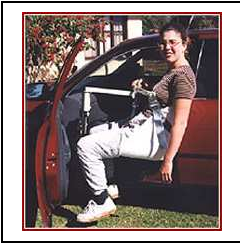
Some models are battery powered whereas others require a range of methods of operation, including manual attendant operation.

Some of these hoists can be fitted to a socket at the edge of the pool and therefore can be quickly removed as required.

BATH, SPA AND WALL MOUNTED HOISTS

With many bath and spa hoists, the person transfers onto a seat, then the hoist does the work of raising/lowering them in/out of a bath or spa. They may operate via a mechanical lift, or an electric drive mechanism.





Floor-mounted bath hoists are compact but may get in the way of the carer assisting the individual to bathe. Wall-mounted hoists may provide greater room. The user is lifted in the hoist then pivoted over the bath and lowered. The boom can then be swung out of the way.

Some bath hoists sit on the base of the bath and use a powered mechanism to lower the user into the bath or to lift them up level with the top of the bath for transfers. Some of these hoists also have a powered reclining backrest.



Overhead track hoists can also be used to transfer in and out of a bath or spa.

VEHICLE HOISTS

Vehicle hoists may be mounted on a roof-rack, bolted to the floor on the car, or be a separate mobile hoist which can be dismantled and transported in the car.

Vehicle Hoists (Occupant Only)

All styles utilise a sling which is attached to a spreader bar. The person is lifted out of their wheelchair, then manoeuvred in through the doorway, and lowered onto the seat.



If considering a roof-rack or floor-mounted vehicle occupant hoist, it is necessary to consult with the supplier regarding the suitability of your particular vehicle for these hoists.

Vehicle Hoist (Chair Only)

An electric winch, powered by the car battery, can be used to lift a wheelchair onto the roof of a car for transport. It may be operated independently by the wheelchair user.



Vehicle Hoist (Occupant & Wheelchair)

A range of litters are available to assist wheelchair users to access vans and buses whilst remaining in their wheelchairs. These lifts can be hydraulic or powered and may allow the wheelchair user to access these vehicles with minimal or no assistance. If travelling in their wheelchair it is essential that they use an Australian Standard and Queensland Transport approved wheelchair tie or lock down system. Please consult your Occupational Therapist. Queensland Transport has more details.

NEED TO KNOW MORE?

Telephone, fax or e-mail your enquiry to obtain further information from one of the therapists about products. Alternatively, you can make an appointment to trial the equipment at our display centres or through our outreach service. Please phone LifeTec Queensland for further details.

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