

# Ability Ireland



therapy through activity



# DELTA ADVANCE



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Length	110cm
Width	73-88cm
Footboard to tray height*	90-(125/145)cm
User height	140-200cm
Product weight	82.5kg
Max user weight	120kg / 140kg

\*Footboard to tray height can be reduced with use of foot raising board or foot raising blocks.

The DELTA Advance can be used by people with a wide range of conditions. Adults with spinal and head injuries, Multiple Sclerosis and Motor Neuron Disease all have the potential to stand using this piece of equipment.

A daily standing programme can help improve circulation, increase bone mineral density (thus making bones stronger) and help in the full evacuation of the urinary tract.

The DELTA Advance lifting mechanism features a motorized belt adjustment system which is capable of lifting up to 120kg (20 stone\*). The mechanism will allow those with moderate trunk control to raise themselves from sitting to standing and those with limited trunk control to be guided into standing with attendant assistance. (\* uprated motor available for max lift 140kg (22 stone))



Base width adjustment



Easy access footboard



PSP remote control unit

Where the DELTA Advance differs from other electric standing frames is in its patented **Patient Seating Positioner (PSP)**.

This has three uses:

**Firstly**, it compensates for different wheelchair types by allowing the knee pads and hand tubes to come to the user. By operating the recline function through the hand control unit, the standing frame will tilt towards the seated user enabling easier access. A byproduct of this is that the stander will return the user back precisely to their original seated position, thus preventing the carer from having to “shuffl e” the user back into his/her seat after use. **Secondly**, this recline feature may be used once the user is stood, to move the user into a slightly supine position (up to 7.5° recommended). For some users, this helps them to achieve better head control. **Note:** This function should only be used as part of a professionally prescribed standing program. **Finally**, the reciprocal movement between the lifting belts and the PSP offers a unprecedented level of comfort during the standing and sitting process and reduces any sensations of compression on the knees.

## Supports

The addition of basic accessories can be used to control complex conditions, stabilising the pelvis and spine to give a good ‘mid-line’ position. The hip bar and pads are the foundation for upper body control as they are used to stabilise and stop rotation in the pelvis. The thoracic support and laterals are added to the hip-bar and pads for greater control of the trunk. If a user has a tendency to lean back or gains better independent head control from having support behind them, the thoracic support can be attached to the hip-bar. If the user has a tendency to lean to one side, the lateral supports will help them maintain a central position.

