



TDX SP (NB)



Powerful, Manoeuvrable, Stable



A Brief History

- A proven successful powerchair. Developed by Invacare® America where centre wheel drive powerchairs are at the forefront. 75% of powered wheelchairs in America are Centre Wheel Drive.
- TDX SP was launched in the UK June 2008.
- The TDX SP (NB) Will be launched in the UK April 2011



Benefits of a centre wheel drive

- Increased ease of manoeuvrability, tighter turning circle allows easier environmental access. (Corridors, vehicles, toilets, office or school environment etc.)
- Improved driving performance, better traction and suspension. (Uneven terrain).
- Excellent stability through the Sure Step Technology (Ramps, Kerb climbing).



Product Positioning

TDX SP (NB) is an innovative configured power chair that offers the customer simple solutions to complex problems, allowing them an improved lifestyle by offering them improved positioning, manoeuvrability, comfort and safety.



TDX SP (NB) Standard Features

- Maximum user weight of 150kg (23.5 st)
- Sure step technology (7.5cm upwards and downwards)
- Manual Recliner Backrest
- Manual Seat Rake Adjustment
- 50Ah gel batteries (inc. charger)
- 6km/h 4 pole SSD motors
- Suspension
- Multi Adjustable Legrests
- Contour Headrest
- Lap Belt
- 4 Point Tie Down
- Shark Controls



Standard Seating

- 5cm seat cushion
- Tension adjustable back
- Angle settable back $-10^{\circ} > 30^{\circ}$
- Back height 48 or 54cm (from seat plate)
- Seat widths 44 > 48cm
- Seat depths 41- 46 – 51cm





Flex Seating

- 7cm seat cushion (Grey Plush or Dartex)
- Padded back in fabric (Grey Plush or Dartex)
- Manual / Electrical reclining back (0° > 35°)
- Back height 55cm (from seat plate)
- Seat widths 39 - 44 - 53cm plus (4cm armrest adj)
- Seat depths 38 – 43 – 48cm





Armrests

Arm rests are height adjustable and removable.

25 > 34cm or 29 > 38cm

Sliding armrest option on Flex seating





Legrests

- Vari F - Multi adj with tools
- Vari A – Multi adj via h/knobs
- Hanger ADM – Manual elevators
- Hanger centrally mounted c/w flip up footplates





Footrests

- Fixed flip up
- Angle adjustable
- Angle and Depth adjustable
(Adapt)
- One piece footboard





Postural Adjustments

Angle settable, Manual or Electrical recline



Manual seat rake adj or Electrical Tilt n Space (0 - 28° with centre of gravity shift)





Power Base

- 2 x 50 amp/h gel batteries.
- 6km/h 4 pole SSD motors.
- Suspension.
- Sure Step Technology (15cm of travel)





SureStep[®]



Automatic climbing

Improved technology enables walking beam to flex 7.5cm upwards and 7.5cm downwards.



Stability

A combination of suspension and the stability mechanism ensure 6 wheels are always in contact with the floor.



Manoeuvrability

56cm (22") turning radius

Front and rear turning radius are identical, so if you don't hit at the front you won't hit at the rear.





Accessories

- Lights & indicators
- Acrylic Tray
- Choice of belts
- Cane Holder
- Mirror

Flex Seating Only

- Lateral supports



Summary

- Suitable for use indoor or outdoors. Combines indoor manoeuvrability with outdoor performance.
- Superb driving performance with powerful High Torque 4 pole SSD motors and Sure Step[®].
- 150kg (23.5 st) max. user weight.
- Powerful 'true' CWD powerchair (spins on own axis, 56cm / 22" turning radius).
- Adjustable and adaptable offering 2 seating options (including 28° COG tilt) to suit users needs.



Certification

- Fully tested to ISO Standards including:-
- Crash tested to ISO 7176 part19
- Upholstery complies to fire regulation ISO 7176 part 16
- Fatigue tested to ISO 7176 part 8