

TDX[®] SP2



Superior safety, stability
and a sleek design

LINX[®]





The *Invacare TDX SP2* boasts **durability** and **ultimate performance in a modern, contemporary style**. Great manoeuvrability indoors and out, with a wide choice of seating for **optimum comfort and support** makes this remarkable chair ideal for individuals who need full functionality, but do not want to compromise on style. Sitting alongside the *TDX SP2^{NB}*, it has a higher weight capacity with larger batteries and range ability. Key features include:

- **Enhanced stability**
- **Intuitive driving experience**
- **LiNX Smart Technology**

Enhanced stability

The *TDX SP2* is tried, tested and tough. Offering **maximum stability and safety**, the **Stability Lock** function ensures all six wheels stay firmly on the ground on uneven terrain. The patented **SureStep[®]** suspension technology enables a **smooth ride** while negotiating challenging surfaces. With a higher weight capacity and **greater driving range**, the *TDX SP2* enables you to go further.

Intuitive driving experience

Invacare TDX SP2 users can say “Yes” to mobility and “No” to compromise. With an incredibly **tight turning radius**, thanks to its Centre Wheel Drive, this remarkable wheelbase provides **excellent manoeuvrability** and an **intuitive driving experience**.

LiNX Smart Technology: Redefining Mobility

Invacare **LiNX** is our **insight inspired** control system with **advanced technology** that provides a **superb driving experience** for users and allows professionals to **configure and tailor** powerchairs quickly and more intuitively.

The smart control system enables programming and maintenance updates to be made **wirelessly** and **in real time**, plus it has **straightforward access** to statistical and diagnostic information, giving complete visibility to professionals.



Touchscreen technology

The REM400 remote has an impressive **3.5" colour touchscreen** that requires **minimal force** to operate. Bringing **modern technology** to the powerchair market, this innovative **interactive remote** can be configured to a users' physical and cognitive ability.



Display only version

The REM500 is a **display only** version of the REM400, retaining the 3.5" interactive touch screen, and allows specialist controls to be used to operate the powerchair.



Built in Bluetooth

The REM400 remote allows users to be connected to multiple devices simultaneously and has built in mouse mover and switch control functionality to be able to control PC, Laptop, smart phone etc.

Range of specialist controls

To maximise control and independence, the REM400 and REM500 allow a selection of specialist controls and joysticks to be used on the **TDX SP2** powerchair:



Compact remote with LED display

Ideal for users who have a limited range of motion and reduced strength.



Extremity control joystick

Ideal for chin control with the outer shell being resistant to saliva.



MEC joystick

Ideal for those with muscle weakness or fine motor control.



Compact single switch joystick

Ideal for users with high muscle tone/ uncontrolled movement.



Atom head array

Three proximity sensors mounted in the headrest with in-built Bluetooth.



Proton head array

Adjustable headrest with three proximity sensors and in-built Bluetooth.



Four switch proximity array

Ideal for those with a defined range of motion and no force.



Attendant control unit

Gives carers access to certain chair functions.



IDC dual control

Allows access to the drive function, controlled by a speed handle with emergency stop feature.

Features and options



LiNX G-Trac® technology

G-Trac ensures the directions indicated by the control are followed by the chair.



Single sided fork

Minimises the front width of the base with no protruding screws or fork parts.

USB charger

2 x USB 2.0 ports supply up to 1A each to keep devices charged. Rail mounting feature enables easy access.



DuraWatt motors

Quiet motors with sealed lifetime brushes reduce potential brush tolerance issues.



Black tyres and castors

Black non-marking tyres and castors with the black rim give the chair a stylish modern look.



SureStep® and Stability Lock

Allows easy obstacle climbing and guarantees a smooth downward transition.



True centre wheel drive

Allows excellent manoeuvrability in narrow spaces and ensures an intuitive driving experience.



LED lighting system

Attractive, energy saving LED lights can be integrated in a well-protected position in the rear shroud.



Seat lifter

Provides easy access to higher objects and the tilt allows relaxation and pressure re-distribution.



Powered fixed pivot tilt option

Allows the seat angle to be repositioned by up to 20°.



Powered tilt-in-space

A maximum seat angle of 30° ensures comfort and safety.



Side mounted legrest

Choice of manual or powered elevating versions.



LNX powered centre mount legrests

Offers an active seating position and enables legs to be positioned at a 90° angle.



Powered recline

Has a high pivot point for natural movement as well as a quick release mechanism for easy folding and transportation.



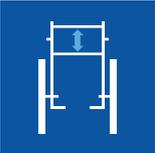
Telescopic inner frame

A dedicated lower profile inner frame, along with 'tilt' and 'lifter and tilt' provide an optimised 'seat to floor' height.

1. Invacare **Modulite™** seat components are cross compatible across the Invacare powerchair range and partly with the Invacare Rea® family.

Technical data

For more comprehensive pre-sales information about this product, including the product's user manual, please see <http://www.invacare-eu-export.com/tdx-sp2>

	Seat width	Seat depth	Backrest height	Total height	Backrest angle	Armrest height	Total weight
Modulite™ 1-piece seat plate	 440 - 480 mm ¹	 410 - 510 mm 510 - 560 mm ³	 480 mm ⁷	 1010 mm ¹¹	 90° - 120°	 275 - 340/ 325 - 390 mm	154 kg ¹¹
Modulite™ telescopic seat	380 - 530 mm ²	410 - 510 mm	480, 540, 560 mm ⁷	1010 - 1170 mm ¹¹	90° - 120°	245 - 310/ 295 - 360 mm	154 kg ¹¹
Max seat	490 - 610 mm ²	560 / 600 / 630 mm	570 - 680 mm ^{7,11}	1100 - 1125 mm ¹¹	90° - 115°	250 - 340 mm 290 - 380 mm	154 kg ¹¹

	Seat height	Length of footrests	Seat angle	Driving unit width	Total length inc. footrests	Total length without footrests	Max. user weight
Modulite™ 1-piece seat plate	 450 mm ⁴	 290 - 460 mm ⁸	 0 - 8°	 650 mm ¹⁰	 1160 mm ⁹	980 mm	180 kg / 160 kg ⁵
Modulite™ telescopic seat	450 / 475 mm ^{4,11} 475 - 775 mm ⁶	290 - 460 mm ⁸	0 - 20° / 0 - 30° ^{5,6}	650 mm ¹⁰	1160 mm ⁹	980 mm	180 kg / 160 kg ⁵
Max seat	470 / 495 mm ⁴	290 - 460 mm ⁸	0 - 20° ⁵	650 mm ¹⁰	1240 mm	970 mm	180 kg / 160 kg ⁵

	Battery capacity	Turning diameter	Max. climbable obstacle height	Max. safe slope	Motor capacity	Speed	Driving range
	 73.5 Ah (C20)	 1120 mm	 75 mm	 9° / 16 %	 2 x 324 W 2 x 340 W ¹⁴	 6, 8, 10 or 12 km/h	 up to 33 km ¹²



Bariatric use



1. Seat cushion 430 mm
2. Additional 100 mm by armrest adjustment
3. Extended profile rail package for larger seat depth
4. Ground to seat plate without cushion
5. With seat lifter or powered tilt
6. With lifter

7. Measured from seat plate
8. Measured from footplate to seat plate
9. Depending on seat position
10. Width of wheelbase
11. Depending on configuration
12. Measurement with 73.5 Ah batteries according to ISO 7176-4 @ 6 km/h, driving range will vary by

- configuration (battery size, speed)
13. *Invacare Modulite™* seat components are cross compatible across the Invacare power wheelchair range and partly with the Invacare Rea® family.
14. 12 km/h DuraWatt motors

Shroud and rim insert colours



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Don't forget, you can customise your **TDX SP2** by using the Invacare UNIQUE service.