# TDX<sup>®</sup>2 Ultra featuring ULTRALow MAX





# **Ultimate Control. Ultimate Comfort.**

The *Invacare TDX2 Ultra* is an elite, high performance, centre wheel drive power wheelchair equipped with the advanced **Ultra Low Maxx seating system**. Designed to be the new benchmark in the complex rehab power positioning arena, the *TDX2 Ultra* will revolutionise the way you sit with its **outstanding manoeuvrability**, exceptional functionality and extensive **range of positioning and support options**.

- Class leading, shear reduction with our ESR Mechanism
- Achieve the perfect fit with simple and precise adjustability features
- Maximise comfort and pressure relief with the advanced tilt and recline
- Excellent drive performance with Stability Lock and SureStep® Technology





# Great performance and a stable ride

The **TDX2 Ultra** wheelbase offers two **patented** technologies in **SureStep**<sup>\*</sup> and **Stability Lock**. Both work together to ensure a smooth, comfortable and stable ride. **SureStep** allows the castors to lower and extend or lift and retract when obstacles are encountered. **Stability Lock** locks the front suspension when the person's weight shifts forward - critical for those with limited trunk control. These innovative features ensure easy obstacle climbing, smooth downward transitions and allow a person to drive in confidence, regardless of the terrain.

### Yes to mobility, no to compromise

With an incredibly **tight turning radius**, and its **Centre Wheel Drive** construction, this type of wheelbase provides **excellent manoeuvrability** and an **intuitive driving experience**, making it the ideal companion for both indoor and outdoor locations.

### **Enjoy greater freedom**

The **TDX2 Ultra** wheelbase is the result of a combination of **sophisticated engineering**, robust construction and powerful motors, making it ideal for driving on **challenging surfaces**.

# G-Trac' Technology -Improved Straight Line Tracking



Wheelchairs tend to require frequent input to maintain a straight line when driving on grass, slopes, or other uneven surfaces. This can be difficult for those with marginal hand function, alternative drive controls, or who have limited range of motion or endurance due to fatigue. The *G-Trac*<sup>®</sup> *technology* option solves these issues with its **enhanced** *driving control*, reducing the need for corrective steering regardless of the terrain.







# An individual Fit with a Modular Frame

**TDX2 Ultra** features a unique fit that can be **fine-tuned for each individual** while providing a **wide range of adjustments** should the individuals needs change. Flexible whenever needed, the width can be adjusted from 405 - 505mm or from 480 - 610mm in increments of 25mm. The seat depth can be **easily adjusted** via the **stepless Ultra rail** between 380 - 480mm or from 480 -580mm.

# **Multiple Backrest Options**

A custom fit is essential for each person, the *TDX2 Ultra* offers four different backrest options, each with various levels of trunk support. The mounting hardware has been designed into the backrest system, the result is no loss of seat depth and keeps the same pivot points to ensure the recline mechanism maintains optimum efficiency.

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# **Maximum Comfort and Pressure Relief**

The **Ultra Low Maxx seating system** can combine up to **50° tilt and 170° of recline** for the ultimate in both **comfort and pressure relief**. When combined, these greater degrees of tilt and recline can vastly reduce pressure, providing an extra measure of **protection** for those at higher risk of skin tissue breakdown.

# **Ultimate in Recline Technology**

The recline system on the **Ultra Low Maxx** is integrated with an **Extended Shear Reduction (ESR) mechanism** which is designed around the way a person moves. **Ultra Low Maxx** is available with a number of different backrest options that fit into the system. The **advanced design** of the backrest means that positioning accessories are fitted in the same way whether the person is sitting upright or is fully reclined, regardless of the back in use.





# Invacare\* TDX®2 Ultra featuring UTRALow MaxX



#### True centre wheel drive

Providing excellent manoeuvrability in narrow spaces, the advanced centre wheel drive technology gives an intuitive driving experience.



**FEATURES & OPTIONS** 

**Inspiring design** Choose from seven contemporary shroud colours for stylish customisation



**LED lighting system** Attractive, energy saving, LED lights are integrated into a well-protected position within the rear shroud.

#### **ULTRA LOW MAXX FEATURES & OPTIONS**



#### **Powered backrest**

The Ultra Low Maxx offers a unique, powered backrest recline with an Extended Shear Reduction (ESR) mechanism, which allows up to 170° of smooth moving recline, keeping the client in the same position in relation to the backrest, headrest and accessories, during the recline cycle.



Anterior assist 5° or 10° options are available for individual needing assistance with transfers or to enhance day to day reach and function.



#### Accessory rail Each seat rail on the Ultra Low Maxx features a slide channel that can be used for a wide variety of positioning accessories such as pelvic belts and hip supports.



Seat lifter The 300mm seat lifter provides easy access to higher obstacles.





The **TDX2 Ultra** is the only complex rehab seating system that offers multiple, distinct backrests on-chair providing varying levels of lateral trunk support.

# Invacare\* TDX®2 Ultra featuring ULTRALow MAX

#### **ULTRA LOW MAXX FEATURES & OPTIONS**



#### Armrests

Available with cantilever style armrests to ensure an open rail for positioning components, or with reclining armrests for a high level of support.



#### Adjustable seat platform to accommodate growth

Adjustable in both width and depth, the seat platform provides scope for growth, from younger, to developing adults. At the heart of the TDX2 Ultra is the Ultra Rail, a modular slotted design rail system which provides infinite 100mm seat depth adjustments.



#### LNX and Pivot Plus legrests

Choose from seven styles of legrests, including the popular LNX Power Centre Mount and the Pivot Plus Power legrests. The LNX Power Centre Mount provides a superior level of support for the legs and calves and, when used with tilt and recline, can position legs above heart level, facilitating a draining position. It is recommended for users with legs in adduction (due to high tonus) offering a more efficient midline support. It's unique design provides a smooth movement with an articulating footplate, **providing** constant support to the lower legs. The Pivot Plus style legrests offer a robust, side mounted legrest with wheels on the outside, ensuring safe navigation through doors and other daily obstacles.



#### **Hip support**

Available in multiple pad sizes, the hip Easy to install, adjust and fine supports are easy to insert, adjust, move and operate.



#### **Lateral Supports**

tune for the perfect fit. Available in multiple pad sizes, the supports easily swing away for transfers into and out of the chair.



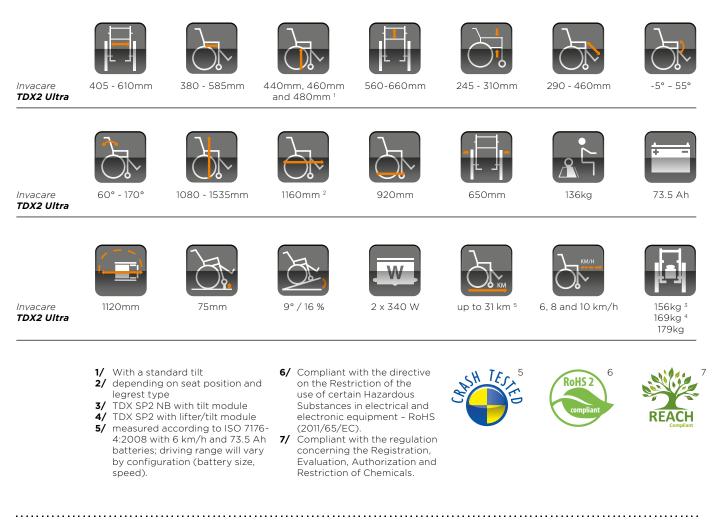




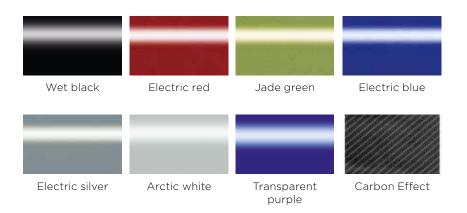
#### **Headrest options**

Available with three different headrest styles, depending on the level of support required.

# **TECHNICAL DATA**



# **FRAME COLOURS**



More detailed information, technical data, references for transport or description of certain options can be found in the wheelchair's user manual.