

The **NEW** TDX Family

**TDX<sup>®</sup> SP**

**TDX<sup>®</sup> SR**

**TDX<sup>®</sup> SC**

**TDX<sup>®</sup> SPREE**



Yes, you can.®





## Tradition. Innovation. Vision.

For the last two and a half decades, Invacare has been the industry leader in powerchair electronics and bases. Every year, our engineers design chairs, electronics, components and features that consistently raise the bar for power wheelchair performance. Invacare's rich powerchair history started with the original Power Rolls IV in 1981, and continued with innovations such as the original MKI electronics in 1989, and the Storm Series® powerchairs in 1995.

Invacare revolutionized the powerchair industry once again in 2003 with the introduction of the TDX® (Total Driving eXperience) powerchair. With innovative features such as True Center-Wheel Drive, SureStep®, Stability Lock, Traction Control Design (TCD™) and the latest MK series electronics, this chair set the standard for high end rehab powerchairs.



# The New Invacare® TDX® Family



**TDX® SR**



**TDX® SP**



**TDX® SC**



**TDX® SPREE**

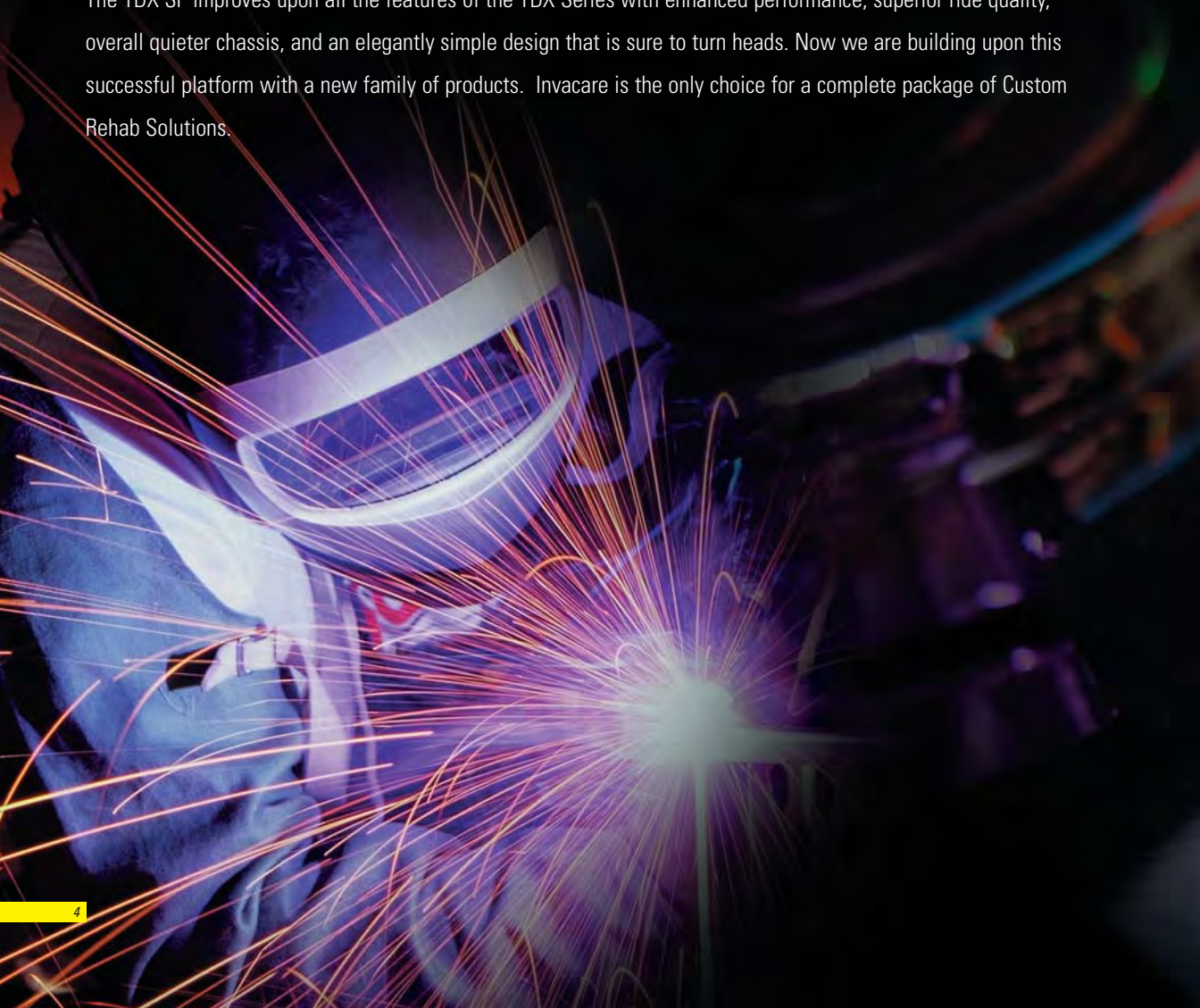
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## Things Just Keep Getting Better . . . The TDX SP led the way.

Now we've done it again. Invacare built upon a legacy of powerchair knowledge and design to develop the TDX® SP. The TDX SP improves upon all the features of the TDX Series with enhanced performance, superior ride quality, overall quieter chassis, and an elegantly simple design that is sure to turn heads. Now we are building upon this successful platform with a new family of products. Invacare is the only choice for a complete package of Custom Rehab Solutions.



*SureStep  
transition up  
an obstacle.*



*SureStep  
transition  
down an  
obstacle.*



*Traction Control  
Design reverse  
transition.*



## TRACTION CONTROL DESIGN. ENHANCED SURESTEP®.

The new TDX® Family uses an enhanced version of Invacare's patented SureStep® technology that was made famous on the first generation TDX and the Pronto® series of wheelchairs.

With Enhanced SureStep, the TDX SP and TDX SR climb up to a three-inch obstacle going forward; the TDX SC and the TDX Spree climb up to a 2.5-inch obstacle. As a new design feature, the front casters also will drop a full three inches, which makes transitioning down an obstacle very gentle and nearly silent. The integrated Traction Control Design also makes climbing over obstacles up to one-inch high in reverse nearly effortless.



**SPJ™ + BASIC JOYSTICK**



**MPJ™ + REHAB JOYSTICK**

## **ELECTRONICS. DESIGNED WITH BENEFITS FOR ALL.**

MK Series electronics are the benchmark in power wheelchair drive systems. This is the result of years of experience in the design and manufacture of electronics specifically for the needs of wheelchair consumers.

MK6i™ electronics take the MK Series to the next level by offering features that are easier to use than any other MK Series system. Advantages of MK6i include:

- MK5™ programming logic, so operators do not need to learn a new system
- Reduced set-up and programming time with the memory card feature
- Improved simplicity with universal connectors
- Better information for programmers and technicians



## QUIET STABILITY LOCK. THE DIFFERENCE MAKER IN REHAB.

The original TDX introduced quiet Stability Lock, a feature that kept the powerchair stable whenever it felt that the driver's weight was rocking forward. The new TDX® Family takes that same feature to the next level. The Stability Lock feature is designed to operate and keep the powerchair stable while it is in motion. It is not

intended to operate while the powerchair is at rest. This second generation Stability Lock replaces the metal gear set used on the first generation TDX with a gas locking cylinder, making the feature whisper quiet. It also provides a shock-absorbing effect.



*Quiet Stability Lock.*

## TRUE CENTER-WHEEL DRIVE.

The tightest possible turning radius comes from the True Center-Wheel Drive chassis. The new TDX® Family uses this type of wheelbase to provide excellent maneuverability and an intuitive driving experience. This technology combined with Enhanced SureStep®, Traction Control Design and Quiet Stability Lock makes the new TDX a great indoor and outdoor chair.



# TDX<sup>®</sup> SP



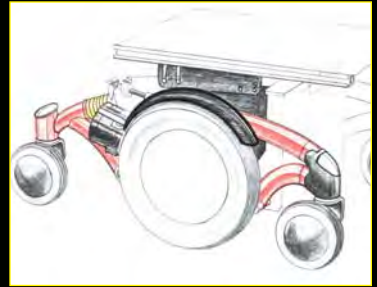
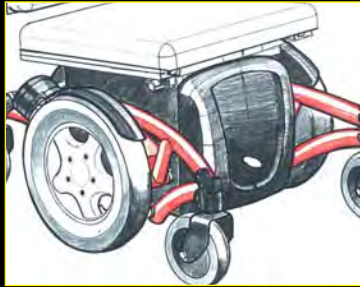
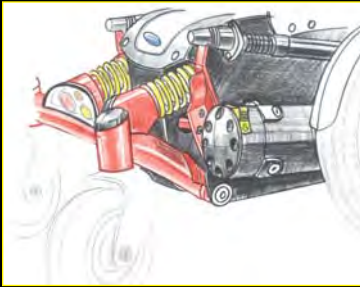
The **Invacare<sup>®</sup> TDX<sup>®</sup> SP** is the first model in the next generation of TDX (Total Driving eXperience) power wheelchairs. The TDX SP takes all the best features of the TDX series and improves upon them with enhanced performance, superior ride quality, quieter chassis, and an elegantly simple design.

TDXSP	(Group 3 Rehab Seat)	K0848
TDXSP	(Group 3 Captain's Seat)	K0849
TDXSP HD	(Group 3 Rehab Seat Heavy-Duty)	K0850
TDXSP HD	(Group 3 Captain's Seat Heavy-Duty)	K0851
TDXSP-CG	(Group 3 Single Power)	K0856
TDXSP-CG HD	(Group 3 Single Power Heavy-Duty)	K0858
TDXSP-MCG	(Group 3 Multiple Power)	K0861
TDXSP-MCG HD	(Group 3 Multiple Power Heavy-Duty)	K0862



## ELEGANT SIMPLICITY. INSPIRING DESIGN.

Our designers started with sketches and drove the design so that aesthetics were never sacrificed for functionality.



The end result is an elegant design with a focus on simplicity and detail.





**Pediatric Seat**



**Adjustable Rehab Seat**



**Van Seat**



**Formula™ CG Tilt**



**Elevating Rehab Seat**

## TDX SP SEATING OPTIONS. VERSATILITY.

The TDX® SP offers a wide variety of seating options that make it an extremely versatile powerchair. The standard TDX SP offers a choice of an adjustable Rehab (ASBA) seat that is growable in width and depth. The ASBA seat starts in widths as low as 12" wide for smaller applications, and can grow as wide as 24" and as deep as 22". Another seating option on the TDX SP is a semi-recline captain's seat. Available

in 16", 18", 20" and 22" widths, the seat offers plush padding, generous contours, and a reclining back providing maximum comfort.

The TDX SP also offers the Formula<sub>CG</sub> Powered Seating System which features up to 7" of weight shift tilt.

The Formula<sub>CG</sub>:

- Starting seat-to-floor height is as low as 17.5"
- Up to 55° of tilt
- Up to 170° of recline
- Up to 7" of elevation
- All powered seating functions can be operated either through or separate from the driver control.



**Formula™ CG Recline**



**Formula™ CG Tilt/Recline**

## FASTER. MORE POWERFUL.

By optimizing the Torque speed curve, our motor/ electronics combination provides a 5.8 mph top speed with ample torque. The chair gets consumers where they need to go quickly, while also providing the power required to handle those tough obstacles.



TDX® SP SPECIFICATIONS.

	Adj. ASBA Rehab Seat	Formula <sub>CG</sub> Tilt, Recline,	Formula <sub>CG</sub> Elevate, Tilt/Elevate	Van Seat
Overall dimensions		Tilt/Recline	Tilt/Recline/Elevate	
Base Length (w/o front riggings)	35.25"	35.25"	35.25"	35.25"
<sup>n1</sup> Base Width	24" / 25.5"	24" / 25.5"	24"	24" / 25.5"
Height	35.5" - 39.5"	36.5" - 40.5"	35.5" - 41.5"	38" w/o headrest 45" w/headrest
Seat Dimensions				
Width	12" - 24"	<sup>n2</sup> 12" - 24"	16 - 22"	16" - 22"
Depth	12" - 22"	<sup>n2</sup> 12" - 22"	16" - 22"	16" - 20"
Back Height	12" - 24"	16" - 26"	<sup>n3</sup> 20" - 26"	18"
with Headrest	-	-	-	25"
Back Angle	85° - 105°	85° - 105°	85° - 105°	85° - 115°
Seat-to-Floor Height				
Low	16.5" @ 0°	17.5" @ 0°	<sup>n4</sup> 18.5" @ 0°	21"
Medium	18.5" @ 0°	18.5" @ 0°	-	-
Tall	20.5" @ 0°	19.5" @ 0°	-	-
Seat-to-Floor Height at 5"	add 0.5" to each	add 1" to each	-	-
Weight				
with batteries	264 lb.	<sup>n5</sup> 315 lb.	<sup>n6</sup> 285 lb.	277 lb.
without batteries	166 lb.	217 lb.	187 lb.	179 lb.
Battery Options	22NF/Group 24	22NF/Group 24/(3)22NF	22NF	22NF/Group 24
Wheel and caster size				
Front/rear casters	6" x 2"	6" x 2"	6" x 2"	6" x 2"
Drive wheels	14" x 3"	14" x 3"	14" x 3"	14" x 3"
Maximum Speed	5.8 mph / 5 mph (heavy duty)	5.8 mph / 5 mph (heavy duty)	5.8 mph	5.8 mph / 5 mph (heavy duty)
Incline Capability	9°	9°	9°	9°
Weight Capacity	300 lb. / 400 lb. (option)	300 lb. / 400 lb. (option)	300 lb.	300 lb. / 400 lb. (option)
Turning radius				
(including Center Mount Footboard)	22"	22"	22"	22"
Ground clearance	3"	3"	3"	3"
Standard MK6i™ Electronics	MK690/SPJ™+	MK690/ACC/SPJ+ or MPJ™+	MK690/ACC/SPJ™+ w/PSS	MK690/SPJ™+
Limited warranties				
Base Frame	60 months	60 months	60 months	60 months
Seat Frame	36 months	36 months	36 months	36 months
Electronics	12 months	12 months	12 months	12 months
Motor/gearbox	12 months	12 months	12 months	12 months

<sup>n1</sup> 24" width with (2) 22 NF batteries. Elevate systems require 22 NF batteries.  
25.5" width with (2) Group 24 batteries or (3) 22 NF batteries.  
<sup>n2</sup> 12" - 16" width available with Tilt only system. Recline and Tilt/Recline sizes range from 16" - 24" wide.

<sup>n3</sup> Elevate 16" - 24" backheight, curved ABS or Adjustable ASBA.  
<sup>n4</sup> Elevate only is 16.8" or Tilt/Recline/Elevate 18.5".  
<sup>n5</sup> 315 lb. for Tilt only system. 325 lb. Recline only and 370 lb. for Tilt/Recline.  
<sup>n6</sup> Elevate Seat only.



# TDX<sup>®</sup> SR

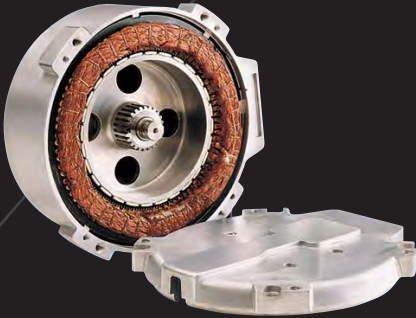
The TDX<sup>®</sup> SR builds off of the proven TDX<sup>®</sup> SP platform and offers the benefits of Gearless Brushless TrueTrack motors. TrueTrack allows the chair to maintain its true forward path keeping the chair tracking straight. TrueTrack motors ultimately result in less fatigue for drivers of alternative driver controls.



The TDX SR offers the same performance features of the TDX SP including:

- Enhanced SureStep
- Quiet Stability Lock
- Contemporary Aesthetics
- Wider Rear Caster Spacing

TDXSR	(Group 4 Rehab Seat)	K0868
TDXSRV	(Group 4 Captain's Seat)	K0869
TDXSR-HD	(Group 4 Rehab Seat Heavy-duty)	K0870
TDXSR-CG	(Group 4 Single Power)	K0877
TDXSR-CG-HD	(Group 4 Single Power Heavy-duty)	K0879
TDXSR-MCG	(Group 4 Multiple Power)	K0884
TDXSR-MCG-HD	(Group 4 Multiple Power Heavy-duty)	K0886



## GEARLESS-BRUSHLESS GB™ MOTOR.

Invacare® GB™ motors are not only a key component of TrueTrack technology, the design is 75% efficient resulting in 17% more battery range than Invacare's 4-pole motors. Battery range is an important feature for active users and users requiring powered seating systems.

## TRUETRACK TECHNOLOGY.

The patented TrueTrack technology features GB motors and motor controller. This feature helps keep the power wheelchair on a true forward path — even on many slopes, thresholds and uneven terrains. TrueTrack minimizes the need for veer correction, diminishing fatigue for joystick and switch drivers.

TrueTrack Technology is beneficial for the client for the following reasons:

- As the power wheelchair holds a truer course, the driver needs to make fewer course corrections. This makes driving more efficient by reducing the necessary amount of movement. Reducing the required movement can increase overall speed (i.e. the client may be able to move down a hallway faster, as less compensatory movements are required), decrease fatigue, and promote safety/independence while driving, because the chair is not pulled off course. This is true for drivers using a proportional control as well as a digital or non-proportional system.
- This feature is critical for clients who fatigue easily, as less compensatory movements are required.
- This feature also is critical for clients who use a non-proportional or digital access method (i.e. a head array with proximity switches or pneumatic sip-n-puff controls). Driving with switches can be very tedious and inefficient. Making frequent course corrections significantly increases the effort, time and energy required. Fewer course corrections translates to a more efficient, safer driver.

## TDX SR SEATING OPTIONS.

The TDX SR is available with the adjustable rehab seat, captain's seating, and the full range of powered seating options. The Formula<sub>CG</sub> Powered Seating system offers up to 7" of weight shift tilt, a low starting seat to floor height of 17.5", numerous back type options, and six combinations of tilt, recline, and elevate including:

- Tilt only
- Recline only
- Elevating seat
- Tilt/Recline combination
- Tilt/Elevate combination
- Tilt/Recline/Elevate combination

The TDX SR offers Smart Actuators standard at no additional upcharge. Smart Actuators allow the client to achieve a pre-set tilt, recline, and power leg extension through use of the Power Center-Mount front rigging. An audible alarm sounds to let the client know that it is time to weight shift.



TDX SR with Rehab Seating



TDX SR with Formula<sup>TM</sup><sub>CG</sub> Tilt



TDX SR with Formula<sup>TM</sup><sub>CG</sub> Tilt/Recline



TDX SR with Van Seating



TDX SR with Formula<sup>TM</sup><sub>CG</sub> Recline



# TDX® SR SPECIFICATIONS.

	Adj. ASBA Rehab Seat	Formula <sub>CG</sub> Tilt, Recline, Tilt/Recline	Formula <sub>CG</sub> Elevate, Tilt/Elevate Tilt/Recline/Elevate	Van Seat
Overall dimensions				
Base Length (w/o front riggings)	35.25"	35.25"	35.25"	35.25"
<sup>n1</sup> Base Length (w/front riggings)	43"	43"	43"	43"
Base Width	25.5" (w/o joystick)	25.5" (w/o joystick)	25.5" (w/o joystick)	25.5" (w/o joystick)
Height	35.5" - 39.5"	36.5" - 40.5"	35.5" - 41.5"	38" w/o headrest
	-	-	-	45" w/headrest
Motor Package	TrueTrack GB	TrueTrack GB	TrueTrack GB	TrueTrack GB
Seat Dimensions				
Width	12" - 24"	<sup>n2</sup> 12" - 24"	16" - 22"	16", 18", 20", 22"
Depth	12" - 22"	12" - 22"	16" - 22"	<sup>n3</sup>
Back Height	12" - 24"	16" - 26"	<sup>n4</sup> 20" - 26"	18"
with Headrest	-	-	-	25"
Back Angle	85° - 105°	85° - 105°	85° - 105°	85° - 115°
Seat-to-Floor Height				
Low	16.5" @ 0°	17.5" @ 0°	<sup>n5</sup> 18.5"	21"
Medium	18.5" @ 0°	18.5" @ 0°	-	-
Tall	20.5" @ 0°	19.5" @ 0°	-	-
Seat-to-Floor Height at 5°	add 0.5" to each	add 1" to each		-
Weight				
with batteries	350 lb.	425 lb.	425 lb.	340 lb.
without batteries	252 lb.	327 lb.	327 lb.	242 lb.
Battery Options	22NF/Group 24	22NF/Group 24	22NF	22NF/Group 24
Wheel and caster size				
Front/rear casters	6" x 2"	6" x 2"	6" x 2"	6" x 2"
Drive wheels	14" x 3"	14" x 3"	14" x 3"	14" x 3"
Maximum Speed <sup>n6</sup>	7 mph	7 mph	7 mph	7 mph
Incline Capability	9°	9°	9°	9°
Weight Capacity	300/400 lb. (option)	300/400 lb. (option)	300 lb.	300/400 lb. (option)
Turning radius	22"	22"	22"	22"
Ground clearance	3"	3"	3"	3"
Standard MK6™ Electronics	MKTT/MPJ™+	MKTT/MPJ™+	MKTT/MPJ™+	MKTT/MPJ™+
Limited warranties				
Base Frame	60 months	60 months	60 months	60 months
Seat Frame	36 months	36 months	36 months	36 months
Electronics	12 months	12 months	12 months	12 months
Motor/gearbox	60 months	60 months	60 months	60 months

<sup>n1</sup> 90° front rigging.

<sup>n2</sup> 12"-16" width only available with tilt systems. All other powered seating systems start out at 16"

<sup>n3</sup> 16" and 18" wide set to 16", 17", or 18" depth. 20" and 22" wide set to 18", 19", or 20" depth.

<sup>n4</sup> Elevate 16" -24" backheight, curved ABS or Adjustable ASBA.

<sup>n5</sup> Elevate only is 16.8" or Tilt/Recline Elevate is 18.5".

<sup>n6</sup> 6.8 mph top speed with maximum weight capacity of 400 lb., 7.1 mph top speed with typical user weight of 200 lb.

# TDX<sup>®</sup> SC



The TDX<sup>®</sup> SC, also built off of the successful TDX<sup>®</sup> SP platform, features 10" drive tires, U1 batteries, and 2 pole motors. The TDX SC is an extension of the TDX SP family and continues to offer the distinguishing features of Enhanced SureStep<sup>®</sup>, Quiet Stability Lock, contemporary aesthetics, and wider rear caster spacing for easy interfacing with aftermarket docking devices. The TDX SC offers a variety of seating options including an adjustable rehab seat, a van seat, Formula<sub>CG</sub> Powered Tilt and Powered Elevating Seat.

<b>TDXSC</b>	<b>(Group 3 Rehab Seat)</b>	<b>K0848</b>
<b>TDXSCV</b>	<b>(Group 2 Captain's Seat)</b>	<b>K0823</b>
<b>TDXSC2-CG</b>	<b>(Group 2 Single Power)</b>	<b>K0835</b>



TDX SC with Rehab Seating



TDX SC with Formula<sup>™</sup><sub>CG</sub> Tilt



TDX SC with Van Seating

# TDX® SC SPECIFICATIONS.

	Adj. ASBA Rehab Seat	Formula <sub>CG</sub> Tilt	Formula <sub>CG</sub> Elevating Seat	Van Seat
Overall dimensions				
Base Length (w/o front riggings)	34"	34"	34"	34"
Base Length (w/front riggings*)	39"	39"	39"	39"
Base Width (w/o joystick)	24"	24"	24"	24"
Height**	36.5" - 38.5"	37.75" - 39.25"	36.75" - 41.75"	38 " w/o headrest 45 " w/headrest
Motor Package	2-pole	2-pole	2-pole	2-pole
Seat Dimensions				
Width	16" - 20"	16" - 20"	16" - 20"	16" - 22"
Depth	16" - 20"	16" - 20"	16" - 20"	16" - 20"
Back Height	16" - 24"	16" - 24"	16" - 24"	18"
with Headrest	-	-	-	25"
Back Angle	85° - 105°	85° - 105°	85° - 105°	85° - 115°
Seat-to-Floor Height				
Low	16.5" @ 0°	17.75" @ 0°	16.75" @ 0°	21"
Medium	17.5" @ 0°	18.5" @ 0°	-	-
Tall	18.5" @ 0°	19.25" @ 0°	-	-
Seat-to-Floor Height at 5°	18" Med., 19" Tall	19.5" Med., 20.5" Tall	-	-
Weight				
with batteries	225 lb.	275 lb.	230 lb.	230 lb.
without batteries	178 lb.	228 lb.	183 lb.	183 lb.
Battery Options	U1	U1	U1	U1
Wheel and caster size				
Front/rear casters	6" x 2"	6" x 2"	6" x 2"	6" x 2"
Drive wheels	10.5" x 3.5"	10.5" x 3.5"	10.5" x 3.5"	10.5" x 3.5"
Maximum Speed	4.8 mph	4.8 mph	4.8 mph	4.8 mph
Incline Capability	9°	9°	9°	9°
Weight Capacity	250 lb.	250 lb.	250 lb.	250 lb.
Turning radius	19"	19"	19"	19"
Standard MK6i™ Electronics	MK660ACC/SPJ™+	MK660ACC/SPJ™+ w/PSS	MK660ACC/SPJ™+ w/PSS	MK660ACC/SPJ™+
Limited warranties				
Base Frame	60 months	60 months	60 months	60 months
Seat Frame	36 months	36 months	36 months	36 months
Electronics	12 months	12 months	12 months	12 months
Motor/gearbox	12 months	12 months	12 months	12 months

\* Manual center-mount. \*\* With 20" back height and zero degree seat angle.



# TDX<sup>®</sup> SPREE



- Currently pending SADMERC approval

**TDXSPREE** (Group 3 Rehab Seat)  
**TDXSPREE-CG** (Group 3 Single Power)

**K0848**  
**K0856**



**Transport Ready Option**

## TRANSPORT READY OPTION.

The TDX Spree offers standard a transport package standard. Please refer to page 22 for more information on Invacare's Transport Ready Options.

The TDX® Spree is a distinctive and fun power wheelchair for designed for smaller clients.

- Gain access to areas not previously reachable.
- Experience a smooth ride in everyday terrain.
- Feel the intuitive maneuverability of center-wheel drive technology.
- Admire the compact frame

We invite you to fall in love with the TDX Spree!

### Standard features of the TDX Spree:

- Adjustable rehab seat featuring 1" adjustment within a width range of 12"-16" and a depth range of 12"-18"
- 165 pound maximum weight capacity
- Powered height adjustment of 5"
- Starting seat-to-floor height of 14.5", Medium and Tall of 16.5" and 18.5" respectively
- 2 pole motors
- 4.8 mph top speed
- U1 battery tray
- Transport tie-down options
- Enhanced SureStep curb climbing capability of 2.5"
- Quiet Stability Lock

- 3" ground clearance
- Wider rear caster spacing for interfacing with aftermarket docking devices
- MK6i™ Single Drive Joystick
- Swingaway front riggings
- 8 fun color selections

### Optional features for the TDX Spree:

- 45° manual tilt
- 45° Formula™ CG power tilt
- MK6i Multiple Purpose Joystick
- Alternative driver controls
- Center-Mount front rigging
- One-sided fork package

The **TDX® Spree** is designed to meet a wide variety of rehab needs for smaller clients. The powered seat height adjuster allows the client to reach peer level and the low seat-to-floor height allows for easy access to the ground. The optional tilt feature can be operated manually by a caregiver or powered for the client to accomplish their own weight shift positioning. The TDX Spree allows the consumer to get to levels that may not have been reachable before.



**TDX Spree**



**TDX Spree with Power Tilt**



**TDX Spree with Powered  
Seat Height Adjustment  
Manual Tilt**



**TDX Spree with Powered  
Seat Height Adjustment**



**TDX Spree with Powered  
Seat Height Adjustment  
Power Tilt**

# TDX® SPREE SPECIFICATIONS.

	Adj. ASBA Rehab Seat	Adj. ASBA Rehab Seat (Manual Tilt)	Formula <sub>CG</sub> Powered Tilt
Overall dimensions			
Base Length (w/o front riggings)	34"	34"	34"
Base Length (w/ front riggings*)	39"	39"	39"
Base Width (w/o joystick)	24"	24"	24"
Height**	34.5" - 38.5"	34.5" - 38.5"	36.75" - 38.75"
Motor Package	2-pole	2-pole	2-pole
Seat Dimensions			
Width	12" - 16"	12" - 16"	12" - 16"
Depth	12" - 18"	12" - 18"	12" - 18"
Back Angle	85° - 105°	85° - 105°	85° - 105°
Seat-to-Floor Height			
Low	14.5" @ 0°	14.5" @ 0°	16.75" @ 0°
Medium	16.5" @ 0°	16.5" @ 0°	17.75" @ 0°
Tall	18.5" @ 0°	18.5" @ 0°	18.75" @ 0°
Weight			
with batteries	230 lb.	230 lb.	280 lb.
without batteries	183 lb.	183 lb.	233 lb.
Battery Options	U1	U1	U1
Wheel and caster size			
Front/rear casters	6" x 2"	6" x 2"	6" x 2"
Drive wheels	10.5" x 3.5"	10.5" x 3.5"	10.5" x 3.5"
Maximum Speed	4.8 mph	4.8 mph	4.8 mph
Incline Capability	9°	9°	9°
Weight Capacity	165 lb.	165 lb.	165 lb.
Turning radius	19"	19"	19"
Ground clearance	3"	3"	3"
Standard MK6i™ Electronics	MK660ACC/SPJ™+ w/PSS	MK660ACC/SPJ™+ w/PSS	MK660ACC/SPJ™+ w/PSS
Limited warranties			
Base Frame	60 months	60 months	60 months
Seat Frame	36 months	36 months	36 months
Electronics	12 months	12 months	12 months
Motor/gearbox	12 months	12 months	12 months

\* Manual center-mount.    \*\* With 20" back height and zero degree seat angle.

## TRANSPORT READY OPTIONS.\*

The new TDX® Family offers a transport ready option (TRRO) that includes four tie-down locations, a battery securement system and a wheelchair-anchored pelvic belt. The chairs with TRRO configuration have been crash-tested in accordance with the ANSI/RESNA Vol. 1 Section 19.5.3 Frontal Impact Test (W/C 19).\*\*

Invacare also offers the TRBKTS option. Unlike the TRRO configuration, a chair with TRBKTS option does not have a pelvic belt and it has

not been crash-tested in accordance with W/C 19 or any other standard.

These options reinforce Invacare's market leadership in transport-ready wheelchairs for consumers.

\* As of this date, the U.S. Department of Transportation has not approved any tie-down system for transportation of a user while in a wheelchair in a moving vehicle of any type. Accordingly, Invacare recommends that wheelchair users not be transported in vehicles of any kind while in wheelchairs and should be transferred for transportation into appropriate seating in vehicles and use the restraints made available by the auto industry.

\*\* Please refer to the TDX SP (06-034) sell sheet or page 25 of this literature for the required ANSI/RESNA W/C19 sec. 6.2 Presale Literature Notification.



*Front transport bracket.*



*Rear transport bracket.*



# The **TDX** Family... The Right Rehab Solution From One Source.

## **TDX<sup>®</sup> SP**



Adjustable Rehab Seat

## **TDX<sup>®</sup> SR**



TDX SR with Rehab Seating

## **TDX<sup>®</sup> SC**



TDX SC with Van Seating

## **TDX<sup>®</sup> SPREE**



TDX Spree with Powered  
Seat Height Adjustment  
Power Tilt



Formula<sup>™</sup> CG Tilt



TDX SR with Formula<sup>™</sup> CG  
Tilt/Recline



TDX SC with Formula<sup>™</sup> CG Tilt



TDX Spree with Powered  
Seat Height Adjustment  
Manual Tilt

# IMPOSSIBLE STOPS HERE.<sup>SM</sup>

## ANSI/RESNA W/C 19 sec 6.2 Presale Literature Notification – TDX SP

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- A. Minimum turning radius 23.6" with (2) 22NF batteries.  
Minimum turning radius 24.4" with (2) Group 24 batteries.  
Minimum turn-around width 43.7" with (2) 22NF batteries.  
Minimum turn-around width 44.9" with (2) Group 24 batteries.
- B. The TDX SP wheelchair with (2) 22NF batteries has a maximum length of 35.25" (895 mm) and the TDX SP wheelchair with (2) Group 24 batteries has a maximum length of 35.63" (905 mm), meeting the ADA definition of a common wheelchair and the maximum length requirements of lifts on public vehicles.
- C. Total wheelchair mass for TDX SP with (2) 22NF batteries = 280 lbs (127.3 kg) Adult and 286 lb. (130 kg) Junior including front riggings, wheel locks, TRO brackets, wheelchair-anchored pelvic belt, and seating. Total wheelchair mass for TDX SP with (2) Group 24 batteries = 315 lb. (142.9 kg) Adult and 317 lb. (143.8 kg) Junior including front riggings, wheel locks, TRO brackets, wheelchair-anchored pelvic belt, and seating.
- D. Average lateral dummy displacement for TDX SP with (2) 22NF batteries = approximately .53" (13.4 mm) Adult and .57" (14.4 mm) Junior.  
Average lateral dummy displacement for TDX SP with (2) Group 24 batteries = approximately .54" (13.7 mm) Adult and .51" (12.9 mm) Junior.
- E. Overall Score for TDX SP Adult with (2) 22NF batteries = 18, Overall Rating = A  
Overall Score for TDX SP Junior with (2) 22NF batteries = 14, Overall Rating = B  
Overall Score for TDX SP Adult with (2) Group 24 batteries = 17, Overall Rating = A  
Overall Score for TDX SP Junior with (2) Group 24 batteries = 14, Overall Rating = B
- F.
  - i. The TDX SP tested was sized to accommodate a 168 lb. test dummy (17" x 17" x 18" high and 14" Center-Wheel Drive tires.)
  - ii. The TDX SP was tied down using four tie-down brackets – 2 brackets located on the front of the base frame and 2 brackets located on the rear of the base frame.
  - iii. The TDX SP was tested with a 168 lb. test dummy.
  - iv. The TDX SP tested used a wheelchair-anchored pelvic belt and vehicle-anchored shoulder belt.
  - v. The TDX SP tested complies with the performance requirements of ANSI/RESNA W/C 19 sec. 5.3.
- G. For all types of vehicles, the TDX SP requires four SAE J2249-compliant tie-down strap assemblies for effective securement.
- H. The TDX SP provides a location for anchoring of an Invacare-provided pelvic belt. This belt has been tested in accordance with ANSI/RESNA W/C 19.
- I. The wheelchair-anchored pelvic belt is supplied by Invacare.

## ANSI/RESNA W/C 19 sec 6.2 Presale Literature Notification – TDX SR

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- A. Minimum turning radius 22.5" with (2) Group 24 batteries.  
Minimum turn-around width 29" with (2) Group 24 batteries.
- B. The TDX SR wheelchair with (2) Group 24 batteries has a maximum length of 44" (1118 mm) and the maximum length requirements of lifts on public vehicles.
- C. Total wheelchair mass for TDX SR with (2) Group 24 batteries = 347 lb. (158 kg) Adult.
- D. Average lateral dummy displacement for TDX SR with (2) Group 24 batteries = approximately .53" (13.4 mm) Adult.
- E. Overall Score for TDX SR Adult with (2) Group 24 batteries = 18, Overall Rating = A
- F.
  - i. The TDX SR tested was sized to accommodate a 168 lb. test dummy (17" x 17" x 22" high and 14" Center-Wheel Drive tires.)
  - ii. The TDX SR was tied down using four tie-down brackets – 2 brackets located on the front of the base frame and 2 brackets located on the rear of the base frame.
  - iii. The TDX SR was tested with a 168 lb. test dummy.
  - iv. The TDX SR tested used a wheelchair-anchored pelvic belt and vehicle-anchored shoulder belt.
  - v. The TDX SR tested complies with the performance requirements of ANSI/RESNA W/C 19 sec. 5.3.
- G. For all types of vehicles, the TDX SR requires four SAE J2249-compliant tie-down strap assemblies for effective securement.
- H. The TDX SR provides a location for anchoring of an Invacare-provided pelvic belt. This belt has been tested in accordance with ANSI/RESNA W/C 19.
- I. The wheelchair-anchored pelvic belt is supplied by Invacare.

**ANSI/RESNA W/C 19 sec 6.2 Presale Literature  
Notification – TDX SC**

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- A. Minimum turning radius 20.1" with (2) U1 batteries.  
Minimum turn-around width 31" with (2) U1 batteries.
- B. The TDX SC wheelchair with (2) 22NF batteries has a maximum length of 35.25" (895 mm) and the TDX SP wheelchair with (2) Group 24 batteries has a maximum length of 35.63" (905 mm), meeting the ADA definition of a common wheelchair and the maximum length requirements of lifts on public vehicles.
- C. Total wheelchair mass for TDX SC with (2) U1 batteries = 235 lb. (106.8.3 kg) Adult.
- D. Average lateral dummy displacement for TDX SC with (2) U1 batteries = approximately .47" (11.9 mm) Adult.
- E. Overall Score for TDX SC Adult with (2) U1 batteries = 18, Overall Rating = A
- F.
  - i. The TDX SC tested was sized to accommodate a 168 lb. test dummy (17" x 17" x 22" high and 10" Center-Wheel Drive tires.)
  - ii. The TDX SC was tied down using four tie-down brackets – 2 brackets located on the front of the base frame and 2 brackets located on the rear of the base frame.
  - iii. The TDX SC was tested with a 168 lb. test dummy.
  - iv. The TDX SC tested used a wheelchair-anchored pelvic belt and vehicle-anchored shoulder belt.
  - v. The TDX SC tested complies with the performance requirements of ANSI/RESNA W/C 19 sec. 5.3.
- G. For all types of vehicles, the TDX SC requires four SAE J2249-compliant tie-down strap assemblies for effective securement.
- H. The TDX SC provides a location for anchoring of an Invacare-provided pelvic belt. This belt has been tested in accordance with ANSI/RESNA W/C 19.
- I. The wheelchair-anchored pelvic belt is supplied by Invacare.

**ANSI/RESNA W/C 19 sec 6.2 Presale Literature  
Notification – TDX SPREE**

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- A. Minimum turning radius 18.9" with (2) U1 batteries.  
Minimum turn-around width 29" with (2) U1 batteries.
- B. The TDX SPREE wheelchair with (2) U1 batteries has a maximum length of 39" (991 mm) and the maximum length requirements of lifts on public vehicles.
- C. Total wheelchair mass for TDX SPREE with (2) U1 batteries = 237 lb. (108 kg).
- D. Average lateral dummy displacement for TDX SPREE with (2) U1 batteries = approximately .53" (13.4 mm).
- E. Overall Score for TDX SPREE with (2) U1 batteries = 19, Overall Rating = A Overall
- F.
  - i. The TDX SPREE tested was sized to accommodate a 130 lb. test dummy (16" x 16" x 22" high and 10" Center-Wheel Drive tires.)
  - ii. The TDX SPREE was tied down using four tie-down brackets – 2 brackets located on the front of the base frame and 2 brackets located on the rear of the base frame.
  - iii. The TDX SPREE was tested with a 130 lb. test dummy.
  - iv. The TDX SPREE tested used a wheelchair-anchored pelvic belt and vehicle-anchored shoulder belt.
  - v. The TDX SPREE tested complies with the performance requirements of ANSI/RESNA W/C 19 sec. 5.3.
- G. For all types of vehicles, the TDX SPREE requires four SAE J2249-compliant tie-down strap assemblies for effective securement.
- H. The TDX SPREE provides a location for anchoring of an Invacare-provided pelvic belt. This belt has been tested in accordance with ANSI/RESNA W/C 19.
- I. The wheelchair-anchored pelvic belt is supplied by Invacare.



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