

Invacare® Solara® Wheelchair

Solara®



Yes, you can.®



*Anything else is a compromise.™*

The first generation Invacare® Solara®, the foundation of our revolutionary Solara tilt-in-space wheelchairs, sets the standard for quality, durability and design.

## 55 Degrees of Tilt

With 45 degrees of posterior tilt, the Solara allows the caregiver to change the consumer's positioning throughout the day for comfort/pain relief, muscle tone management, pressure relief, feeding/swallowing and postural support. 10 degrees of anterior tilt facilitates additional positioning or transfers. A simple angle indicator provides caregivers with a point of reference when positioning the consumer for different activities.

## Stable Base

With a wheelbase shorter than fixed pivot point tilts, the Solara balances the consumer within the footprint of the wheelchair. This provides maximum stability even when seating is mounted in front of the back canes. There is no guesswork or adjustment to balance the consumer within the base frame.

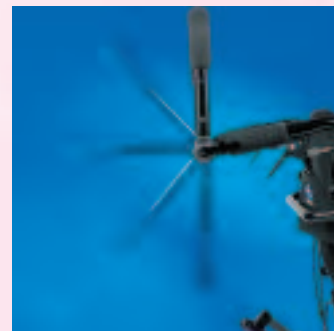
A flared front end adds stability to the chair and reduces interference between casters and legrests for consumers with tight hamstrings. Additionally, a flared front end provides clearance for erratic foot propellers, such as consumers with traumatic brain injury or developmental challenges.



Integrated, welded head tubes provide maximum durability. 6" x 2" semi-pneumatic casters are a good choice for clearing thresholds.



Optional Dorsi / Plantar adjustable angle footplates allow you to adjust angle with foot on footplate.



Adjustable angle rigidizing handle bar provides the greatest range of adjustment for caregivers short or tall.

## Weight Shift Tilt-in-Space

The patented weight shift design of the Solara eliminates tilting the consumer around a fixed pivot point, keeping the client's center-of-gravity almost perfectly stationary throughout the entire 55° tilt range. The Solara maintains optimal stability but decreases the overall wheelchair footprint.

You can have confidence knowing that Invacare-designed wheelchairs go through some of the industry's most rigorous performance testing before introduction and are backed by a limited lifetime warranty on frames and crossbraces.



## Durability

Today's mobility bases are expected to last much longer than in the past. The Solara leads its class with years of field-tested experience and proven durability.

The Solara uses a steel gear rack and multiple cable-activated teeth for a secure hold in a tilted position. The welded steel side frames of the Solara provide a solid base proven to withstand the demands of some of the toughest tilt-in-space wheelchair consumers.

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## Designed to Meet Positioning Challenges

The Solara can be configured and adjusted to meet a variety of seating and positioning needs.



**Yes, you can.®**

**Highlights**

- Center-of-gravity remains consistent throughout 55° tilt range
- Dramatically shorter wheelbase
- Positive locking tilt mechanisms
- Easy to read tilt angle indicator
- Flared front end provides more space for consumer's feet
- 350 lb. weight capacity with heavy-duty option
- Adjustable depth, adjustable angle back
- Telescoping rigging receivers to provide fine tune adjustment and caster clearance
- Attendant foot-operated wheel lock with 12" wheel option
- Seat-to-floor heights as low as 14" and as high as 19.25" to accommodate different transfer options
- One axle plate accommodates all wheel sizes
- Reclining back option available

**Specifications** (All weight/measurements are approximate)

Dimensions	
Overall	Flared frame, 12", 20" or 22"
Wheels	
Width*	8.25" plus seat width
Length**	29.5" short seat frame
	32.5" medium seat frame
	34.5" long seat frame
Front and rear seat-to-floor heights***	
Caster & wheel	
6" & 12"	16"-18.25"
6" & 20"	17"-18.25"
6" & 22"	n/a
8" & 12"	18"-19.25"
8" & 20"	18"-19.25"
8" & 22"	19.25"

Knee-to-heel <sup>1</sup>	min.	max.
90° Swingaway	2.5"	9.25"
70° Tapered	12.75"	16.25"
70° Swingaway	13.5"	16.5"
70° Swingaway MFX	5.75"	11.75"
60° Swingaway	13.5"	17.5"
60° Swingaway MFX	9"	12.5"
Elevating Legrest <sup>††</sup>	15.5"	20"

Arm height <sup>†††</sup> (range adjusts in 1" increments)	
Adjustable height	
Dual-point	8.5"-12.5" conventional only
T-Arm	6"-10" add .5" for upholstered armpads 8"-14" add 1" for upholstered armpads

Cane options	
Fixed-height	Straight cane 20", 24"

<sup>1</sup> AT5543 reduces maximum knee-to-heel distance by 1.5."

<sup>††</sup> Measurement taken from front of seat pan to back of footrest.

<sup>†††</sup> Measurement taken from top of seat rail to top of armrest.

\* Measurement taken at the widest point of each wheel.

Contact Invacare specials department for frame modifications that may reduce overall width of chair.

\*\* Measurement taken without front riggings and anti-tippers.

\*\*\* A 2" lower seat-to-floor height is obtainable when attaching the seat pan/seating system to the crossmembers instead of the seat rails.

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