



Invacare® ProSPIN™ X4™ Ultralightweight Custom Manual Wheelchair

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ProSPIN™ Specifications	
Frame style	Folding frame with swingaway front
Seat width	14" - 20", 22"
Seat depth	14" - 22"
Back height	10" - 20"
Adjustable-angle back	75°-105° (in 5° increments)
Camber angles	0°, 3°, 6°
Tubing outside diameter	1"
Weight of chair	15 lb.**, 30 lb.***
Weight capacity	250 lb., 350 lb. (Heavy-Duty option)
Limited warranty	Limited lifetime on frame and crossbraces
** Base chair weight without accessories.	
*** 16" x 16", AT99, BH20, BRG2, BLUM2, SPCR1, W/LPL, SPIN24, PRIM0, 70STAPER, 1651, HLOOP, IMPACT6, BACK1216, SLIPBACK, 1671LG, ALUMPC, A1577.	

Knee-to-heel*		
Folding frames w/ seat rails		
Front rigging type	min	max
60"	14.00"	19.00"
70"	14.00"	19.00"
70" Tapered	14.50"	19.50"
* Range adjusts in 1" increments. Measurement taken from top of seat rail to back of footrest.		

Front Seat-to-floor heights*					
Fork	Spacer	3"	4"	5"	6"
BRG1	SPCR0		AT901 4ALUM2	5SOFT AT902 5ALUM2	AT902 6ALUM2
		15.50"	16.00"	16.50"	
	SPCR1	16.00"	16.50"	17.00"	17.50"
		16.50"	17.00"	17.50"	
	SPCR2	17.00"	17.50"	18.00"	18.50"
		17.50"	18.00"	18.50"	
BRG2	SPCR0		17.50"	18.00"	18.50"
		17.50"	18.00"	18.50"	19.00"
	SPCR1	18.00"	18.50"	19.00"	19.50"
		18.50"	19.00"	19.50"	20.00"
	SPCR2	19.00"	19.50"	20.00"	20.50"
		19.50"	20.00"	20.50"	21.00"
SOFR-F	SPCR0		16.50"	17.00"	17.50"
		17.00"	17.50"	18.00"	18.50"
	SPCR1		17.50"	18.00"	18.50"
		17.50"	18.00"	18.50"	19.00"
	SPCR2	18.00"	18.50"	19.00"	19.50"
		n/a	n/a	n/a	n/a

Knee-to-heel (Fixed frame)*		
Front rigging type	min	max
Adjustable angle flip-up	14.00"	18.00"
1 pc. tubular flip-up	14.00"	18.00"
* Range adjusts in 1/4" increments. Measurement taken from top of seat rail to back of footrest.		
Arm heights*		
AT99*	8" - 10"	
CAD*	10" - 14"	
CAF*	10" - 14"	
TAD**	6" - 10"	
TAF**	8" - 14"	

* Range adjusts in 1" increments. ** Range adjusts in 0.5" increments. All measurements from top of seat rail to top of armrest. On AT99, add 1" for upholstered arm pads. For less-seat-rail chairs, add 1.5" to above measurements (top of upper frame rail to top of armrest.)

Rear seat-to-floor heights			
13.5" - 18"	20 Com, 20SP		
14.5" - 19"	22 Com, 22SP		
15.5" - 20"	24 Com7, 24SP, 24HSP, 24SPIN		
16.5" - 20.5"	25SPIN, 559TS, 26SP, 26HSP, 26SPIN		

* ANSI/RESNA W/C 19 sec 6.2 Presale Literature Notification
ProSPIN X4 Swing-away

Minimum turning radius 19.5" Minimum turn-around width 36" (16W x 17D without footrests) ProSPIN X4 20" or deeper may be longer than 1220 mm, exceeding the ADA definition of common wheelchair and the maximum length requirements of lifts on public vehicles, and may therefore present particular difficulties accessing some vehicles. Total wheelchair mass = 45 lb. (20.5kg) – including front riggings, 24COM7 with PNEUFF, Tie-down brackets, T-arms, 6" Casters, Wheellocks, Seat cushion, and wheelchair-anchored pelvic belt. Average lateral dummy displacement = approximately 0.77" (19.6mm).
Overall Score = 13 Overall Rating = B
The ProSPIN X4 tested was sized to accommodate a 170 lb. test dummy (16W x 17D, 60 degree front rigging, 24" composite wheels, 24" Flat free pneumatic tires, seat cushion, sling back, 6" urethane casters). The ProSPIN X4 tested was tied-down using four tie-down brackets – 2 brackets located near the front of the frame and 2 brackets located on the rear of base frame. The ProSPIN X4 was tested with a 170 lb. test dummy.
The ProSPIN X4 tested used a wheelchair-anchored pelvic belt and vehicle-anchored shoulder belt. The ProSPIN X4 tested complies with the performance requirements of ANSI/RESNA W/C 19 sec 5.3. for all types of vehicles, the ProSPIN X4 requires four SAE J2249 - compliant tie-down strap assemblies for effective securement.
When the TRRO option is selected, the ProSPIN X4 provides a location for anchoring of an Invacare-provided pelvic belt. This belt has been tested in accordance with ANSI/RESNA W/C 19.The wheelchair-anchored pelvic belt is supplied by Invacare.



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In just a few short years, the ProSPIN® X4™ has become the benchmark for ultralight folding wheelchair excellence. When we created the ProSPIN we did so organically, without any platform or chassis to conform to, using what you told us was missing in ultralight folding wheelchairs. It's already proven to be one of the, if not the, most durably made yet memorably designed wheelchairs in the industry.

We haven't stopped with what we started, however, as we continue to introduce modern enhancements and highly functional accessory improvements with a commitment to long-lasting, quality products always paramount. Take a look at what's new with the ProSPIN X4.



Future Forward Design and Breathtaking Responsiveness

The ProSPIN X4 takes the look, feel and performance of a folding wheelchair into the new century. From any angle, the X4 appeals to the visual sense like no other wheelchair.

The unique side frame and axle plate design merge aesthetics and performance. The X4 side frame minimizes both welded and bolt-on connections, strengthening the frame and lessening the amount of propulsion energy lost through flex and vibration. The curved axle plate completes the flowing side view, making the X4 look more like a work of art than a wheelchair.

In the front of the frame, the head tube design allows consumers to get closer to desks or other furniture. The caster is positioned closer to the drive wheel for quickened response during propulsion, and less caster interference with foot placement and maneuverability. The sleek design of the curved wheel lock handle makes it easy to engage and helps maintain a low profile for less interference with propulsion and transfers. Finally, the front capped H-blocks help rigidify the frame by holding the seat rails firmly in place. This greatly reduces the flex associated with many folding-frame wheelchairs.

The ProSPIN X4 is available in a variety of color options. Choose from Contemporary, Too Hot or Way Cool colors.

** This wheelchair conforms to the requirements of ANRI/RESNA WC/19 vol. 1 - section 19.5.3 (Frontal Impact Test). Please refer to the back page of this sell sheet for the ANSI/RESNA WC/19 sec. 6.2 Presale Literature Notification. Invacare recommends that wheelchair users NOT be transported in vehicles of any kind while in wheelchairs. 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. It is Invacare's position that users of wheelchairs should be transferred into appropriate seating in vehicles for transportation and use be made of the restraints made available by the auto industry.*

Detailed Perfection and Smart Adjustability™

The level of design detail in the available options and accessories further complements the ProSPIN X4 aesthetics. The swing-in/swing-out front riggings allow consumers to swingaway the footrests either to the outside or underneath the wheelchair. This allows easier transfers from the wheelchair into an automobile seat or office chair without having to back up the wheelchair.

The curved axle plate not only looks awesome, it also is incredibly functional, providing plenty of center-of-gravity options and seat-to-floor heights. The axle plate can be moved along the frame in 1/2" increments and has slotted holes to allow for more center-of-gravity adjustments. If that isn't enough, the entire bracket can be flipped 180° to ensure that the X4 can be configured for optimal stability and performance. An adjustable-angle back option also is available allowing up to 15° of either posterior or anterior adjustment.

With Invacare's own Smart Adjustability™, making adjustments on the fly is surprisingly quick and simple. The adjustable front head tubes allow changes to the front caster angle as needed, without having to remove the front caster wheel. The X4 wheel locks switch in seconds from push-to-lock to pull-to-lock.

Extremely Lightweight

The ProSPIN X4 was designed to be one of the lightest-weight folding wheelchairs available while also improving the durability needed to endure many years of folding and unfolding. The improved crossbraces allow for a tight, compact fold so the X4 can be easily transported in the back seat or trunk of most vehicles.



The axleplate can be flipped 180° for plenty of center-of-gravity and seat-to-floor combinations.



A new curved handle wheel lock adds to the functionality. (not shown)



A front capped H-block helps rigidize the frame by holding the seat rails in place.



TRRO* available: Front and rear tie-down brackets attached to the frame. (not shown)



New swing-in/swing-out front riggings help make transfers easier.



New elevating leg rest designed to provide ample adjustability. (not shown)



The X4 caster head tube adjustment is accessible and simple to change.

New Enhancements

- Rigid front end frame w/ locking flip-up footplate
- Heavy-Duty package up to 350 pounds
- Designed from scratch elevating leg rests
- Amputee axle plate option
- Bold black anodized accent package
- Schwalbe® tires

Fixed Front Frame Version. With adjustable angle flip-up footplate



Locked position



Unlocked position 360° rotation