





**DCSI Equipment Program  
Manual Wheelchairs Type 3 - Rigid**

Unless indicated by \*\*, all features and specifications listed are standard.

Product Name	Tilite Aero R	Tilite Aero Z	Crossfire T6	Tilite Twist
				
<b>Type / Variant</b>	Adult	Adult / Paed	Adult	Paediatric
<b>Local Supplier</b>	Xtracare Equipment	Xtracare Equipment	Invacare	Xtracare Equipment
<b>Seating (mm)</b>				
<b>Seat Width</b>	305-510	260-510mm	305-510	200-380mm (50mm width adjustment)
<b>Seat Depth</b>	305-510	260-510mm	360-510	200-405mm (75mm depth adjustment)
<b>Seat to floor height</b>	390-560 front	410-530mm front	430-530 front	330mm-545mm (55mm adjustment)
<b>Backrest Height</b>	215-520 (short, med, tall)	215-520 (short, med, tall), adj.	200-280, 250-360, 360-460, 410-510	220-520mm, adjustable in small range
<b>Back angle</b>	adjustable	adjustable	Adjustable	Adjustable
<b>Back upholstery</b>	Tension adjustable with straps	Tension adjustable with straps	Tension adjustable with straps	Tension adjustable with straps
<b>Backrest Options</b>	folding	folding	folding	folding
<b>Armrests</b>	range of options at extra cost	range of options at extra cost	range of options at extra cost	range of options at extra cost
<b>Front frame</b>	Fixed front - 70,80,85. Swing away - 70,80,85,90 no taper	75,80,85,90**, no seat taper	70, 75,80,85,90 deg	70, 80 or 90deg. Abduction frame option.
<b>Taper</b>	taper**	No taper, 40mm or 60mm taper on std front end.	Taper or V style**	No taper or 50mm taper
<b>Footplate</b>	angle adjustable on fixed front	angle adjustable, high mount**	adjustable angle or fixed	angle adjustable
<b>Wheels</b>	22",24",25",26" tilite shadow with Primo, Schwalbe marathon, solid	22",24",25",26" tilite shadow with Primo, Schwalbe marathon, solid	22",24",25", 26" spoke, Primo tyres	20",22",24", Primo, Schwalbe marathon, solid
<b>Castors</b>	3",4",5",6",8" std poly	3",4",5",6" std poly	3",4",5" semi-pneumatic std	3",4",5",6" poly. Adjustable font caster housing

**DCSI Equipment Program  
Manual Wheelchairs Type 3 - Rigid**

Unless indicated by \*\*, all features and specifications listed are standard.

<b>Camber angle</b>	0,2,4,6,8,12,15*,18* 150mm COG adjustment	0,2,4,6,8,12,15*,18* 150mm COG adjustment	0,3,6,9 deg. 110mm COG adjustment	0,2,4,6,8,12. 150mm centre of gravity adjustment.
<b>Brakes</b>	Push or pull to lock	Push or pull to lock	Push or pull to lock, undermount	Push or pull to lock
<b>Push Handles</b>	Integrated std	Integrated std	bolt on**integral handles**	Integrated push handles
<b>Accessories</b>	fold down push handles, foot plate options, castor and wheel options, scissor and unilock brakes, side guards, armrests	fold down push handles, foot plate options, high mount, castor and wheel options, scissor and unilock brakes, side guards, armrests, seat taper and V front end	sideguards, ergo seat, castor and wheel options, back types, footplate options	other wheel sizes and tyres, scissor or unilock brakes, side guards, height adjustable push handles, high mount footrests, other options.
<b>Tie downs</b>	No	Yes - at extra cost	No	Yes - at extra cost
<b>Load capacity</b>	113kg	120kg (68kg for W and D 10"-12")	113kg	75kg
<b>Weight with wheels</b>	9.5kg	9kg	9kg	9kg
<b>Weight at evaluation</b>	10.7kg	10.5kg	9.8kg	11kg
<b>Testing</b>	AS, Not crash tested does not meet transport guidelines	AS, Crash testing	AS, Not crash tested does not meet transport guidelines	AS, Crash testing

**Clinical Considerations**

<b>Measurement conversion:</b>	305mm 12"	480mm 19"
	355mm 14"	510mm 20"
	380mm 15"	535mm 21"
	405mm 16"	560mm 22"
	430mm 17"	585mm 23"
	460mm 18"	610mm 24"