

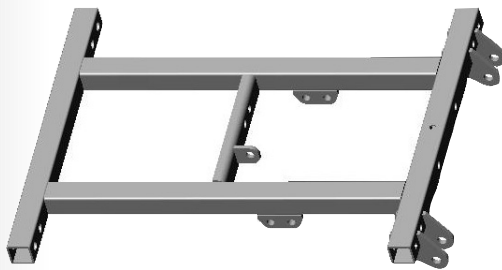
3.0 - Basic Structural Components:

II. TRx Seat Frames

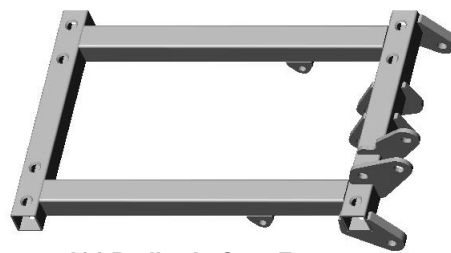
The TRx Seat Frame is the supporting structure to which the seat pan and seat cushion is secured. The seat frame links the upper seating system with the modular sub-system. Each seat frame is uniquely engineered and comes in various styles and sizes depending on the type of power positioning system and modular sub-system to which it is being applied. This section identifies the various seat frame styles that are available and where/ when they are utilized.

J11/ J14 Seat Frames

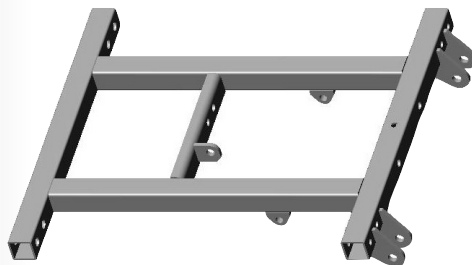
Our original TRx J11/ J14 Seat Frames are designed to accommodate a wide variety of seat width and depth combinations. Our standard J11/ J14 and J14 medium seat frame sizes vary from 16" to 24" widths, however sizes can range from 12" widths on our J14 pediatric seat frames up to 30" widths on our heavy duty J14 bariatric frames (please refer to **Figure 3.0: Seat Frame Reference Table, p.23**). Each style of the original seat frame is engineered differently based on the type of TRx seating system to which it is intended. The style of seat frame will typically correspond with the type of modular sub-system to which the seat frame is installed. (Refer to **part I. Modular Sub-Systems**, for more information).



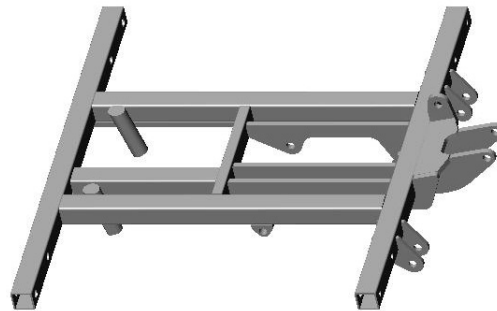
J11/ J14 Standard Seat Frame



J14 Pediatric Seat Frame



J14 Medium Seat Frame



J14 Bariatric Seat Frame

All of our J11/ J14 seat frames are designed to be width and depth adjustable.. These adjustments are made via the **seat side frame** (*not shown*). The width is adjustable in 1" intervals, with a 3" total range* of adjustment for each seat frame (eg. 16-18", 19-21" etc...). The depth of the seat is also controlled by the type of seat side frame installed. For a list of available seat side frames, please refer to **Figure 3.1- Seat Side Frame Selection** (p.24).

*Note: the J14 pediatric seat frame offers a 4" range of width adjustability (12-15")

NOTES

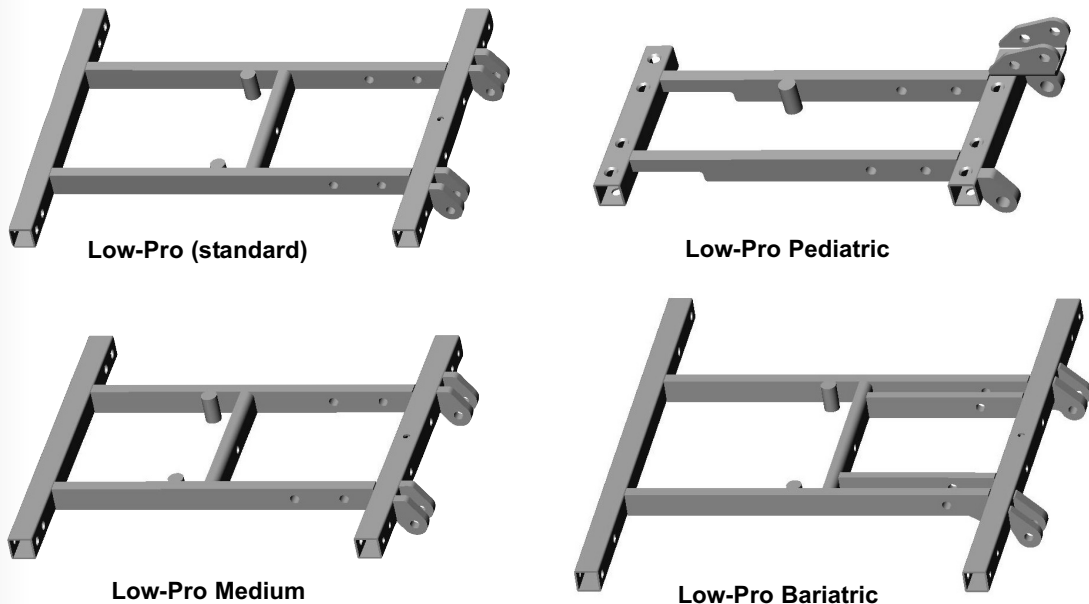
3.0 - Basic Structural Components:

II. TRx Seat Frames

Low-Pro Seat Frames

Our TRx Low-Pro Seat Frame was introduced as a new frame in January of 2004.. This low-pro seat frame is part of a seating sub-system that is designed to be more compact than our original J11/ J14 sub-systems. These seat frames are also designed to accommodate a wide variety of seat width and depth combinations. Four different low-pro seat frames are available: Low-Pro (*standard*), Pediatric, Medium, and Bariatric. The seat frame sizes can range from 10" widths on our low-pro pediatric seat frame up to 24" widths on our low-pro bariatric seat frames (please refer to **Figure 3.0: Seat Frame Reference Table, p.23**). Each style of the low-pro seat frame is engineered differently based on the type of TRx system to which it is being applied. The style of seat frame will typically correspond with the type of modular sub-system to which the seat frame is installed. (Refer to **part I. Modular Sub-Systems**, for more information).

All our TRx low-pro seat frames are designed to be width and depth adjustable. These adjustments are made via the **seat side frames** (*not shown*). The width is adjustable in 1" intervals, with a 3" total range of adjustment for each seat frame (eg. 16-18", 19-21" etc...). The depth of the seat is also controlled by the type of seat side frame installed. For a list of available seat side frames, please refer to **Figure 3.1- Seat Side Frame Selection (p.24)**.



Ultra-Low Seat Frames

Our new Ultra-Low sub-system was an extension of the Low-Pro sub-system and as such was designed to accommodate the existing Low-Pro seat frames. As with the Low-Pro seat frames, the width adjustments are made in 1" increments via the seat side frames (up to 3" total adjustment). However due to the high degree of versatility and adjustability of the new Ultra-Low sub-system, the same wide range of seat side frames is no longer needed to adjust the seat depth.

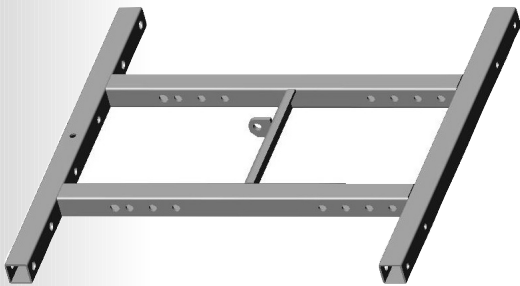
Please see **Section 5.0 Mechanical Adjustments- Ultra-Low Seat Width & Depth Adjustment (p.61)** for specific details on the Ultra-Low seat side frames and seat width/depth adjustments.

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II. TRx Seat Frames

Recline-Only Seat Frames

Our TRx Recline-Only seat frame is fixed to the wheelchair base (unlike our other seat frames that are designed to tilt after installation). These seat frames are available in three standard seat frame sizes that range from a 16" width up to a 24" width (please refer to **Figure 3.0: Seat Frame Reference Table, p.23**). The recline-only seat frames can be adjusted to accommodate a wide variety of seat width and depth combinations. These adjustments are made via the seat side frames (*not shown*). The width is adjustable in 1" intervals, with a 3" total range of adjustment for each seat frame (eg. 16-18", 19-21" etc...). The depth of the seat is also controlled by the type of seat side frame installed. For a list of available seat side frames, please refer to **Figure 3.1- Seat Side Frame Selection (p.24)**.



NOTES

Super Low Seat Frames (also referred to as Single Pivot)

Our TRx Super Low (SL) or Single Pivot (SP) seat frame has fixed pivot points at the rear of the seat frame that are designed for mounting directly to the powerbase via specially engineered brackets. This SL/SP seat frame is designed to produce seating systems with very low seat to floor (STF) heights, and it is typically only available as a *Tilt-Only* system due to the lower STF height. However, an option is available on certain powerbases for a single pivot seating system with *Tilt and Recline* (*please contact our customer service department for more information*).

These SL/SP seat frames are available in three standard seat frame sizes that range from a 16" width up to a 24" width (please refer to **Figure 3.0: Seat Frame Reference Table, p.23**). These seat frames can be adjusted to accommodate a wide variety of seat width and depth combinations. The adjustments are made via the seat side frames (*not shown*). The width is adjustable in 1" intervals, with a 3" total range of adjustment for each seat frame (eg. 16-18", 19-21" etc...). The depth of the seat is also controlled by the type of seat side frame installed. For a list of available seat side frames, please refer to **Figure 3.1- Seat Side Frame Selection (p.24)**.



NOTES

Please Note: Custom seat sizes are available for any customers with special needs. Although we may be limited to the capabilities of the power base, Motion Concepts will make every attempt possible to meet any special requirements for the user.

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II. TRx Seat Frames

Figure 3.0 - Seat Frame Reference Guide¹

SYSTEM	SEAT DEPTH	SEAT WIDTH	PART NUMBER
J11/J14 CGT	16"	16", 17", 18"	TRX0294
	16"	19", 20", 21"	TRX0296
	16"	22", 23", 24"	TRX0531
	16"	<i>14", 15"</i>	<i>TRX1651</i>
J14 BARIATRIC CGT	16"	22", 23", 24"	TRX0767
	16"	25", 26", 27"	TRX1625
	16"	28", 29", 30"	TRX1626
J14 MEDIUM CGT	14"	16", 17", 18"	TRX1768
	14"	19", 20", 21"	TRX1769
J14 PEDIATRIC CGT	12"	12", 13", 14", 15"	TRX0824
SUPER LOW	16"	<i>13", 14", 15"</i>	<i>TRX2004</i>
	16"	16", 17", 18"	TRX0576
	16"	19", 20", 21"	TRX0583
	16"	22", 23", 24"	TRX0585
3G STORM SUPER LOW	16"	<i>13", 14", 15"</i>	<i>TRX2649</i>
	16"	16", 17", 18"	TRX0648
	16"	19", 20", 21"	TRX0649
	16"	22", 23", 24"	TRX0650
JAZZY 1650 SINGLE PIVOT TILT	16"	22", 23", 24", 25", 26"	TRX2624 CUT
	16"	27", 28", 29", 30", 31"	TRX2624
LOW-PRO CGT	16"	16", 17", 18"	TRX2404
	16"	19", 20", 21"	TRX2405
	16"	22", 23", 24"	TRX2406
LOW-PRO BARIATRIC CGT	16"	19", 20", 21"	TRX2765
	16"	22", 23", 24"	TRX2344
	16"	25", 26", 27"	TRX2760
	16"	28", 29", 30"	TRX2761
LOW-PRO MEDIUM CGT	14"	16", 17", 18"	TRX2401
	14"	19", 20", 21"	TRX2402
	14"	22", 23", 24"	TRX2403
LOW-PRO PEDIATRIC CGT	12"	10", 11", 12"	TRX1992
	12"	13", 14", 15"	TRX1993
LOW-PRO SYNERGY CGT	14"	15", 16", 17", 18"	TRX2411
	14"	19", 20", 21", 22"	TRX2412
RECLINE ONLY	16"	16", 17", 18"	TRX0562
	16"	19", 20", 21"	TRX0563
	16"	22", 23", 24"	TRX0564
RECLINE ONLY - M71/M91	16"	16" - 24"	TRX1366
RECLINE ONLY, CG RECLINE - S525	16"	16", 17", 18"	TRX0197
RECLINE ONLY, CG RECLINE - S626	16"	19", 20", 21"	TRX0182
ELEVATING SEAT - WIDTH ADJUSTABLE	16"	16", 17", 18"	TRX0543
	16"	19", 20", 21"	TRX0544
	16"	20", 21", 22"	TRX0545
	14"	16", 17", 18"	TRX2748
	14"	19", 20", 21"	TRX2752
	14"	22", 23", 24"	TRX2753
LATITUDE	12"	10", 11", 12"	TRX1929
	12"	13", 14", 15"	TRX1930

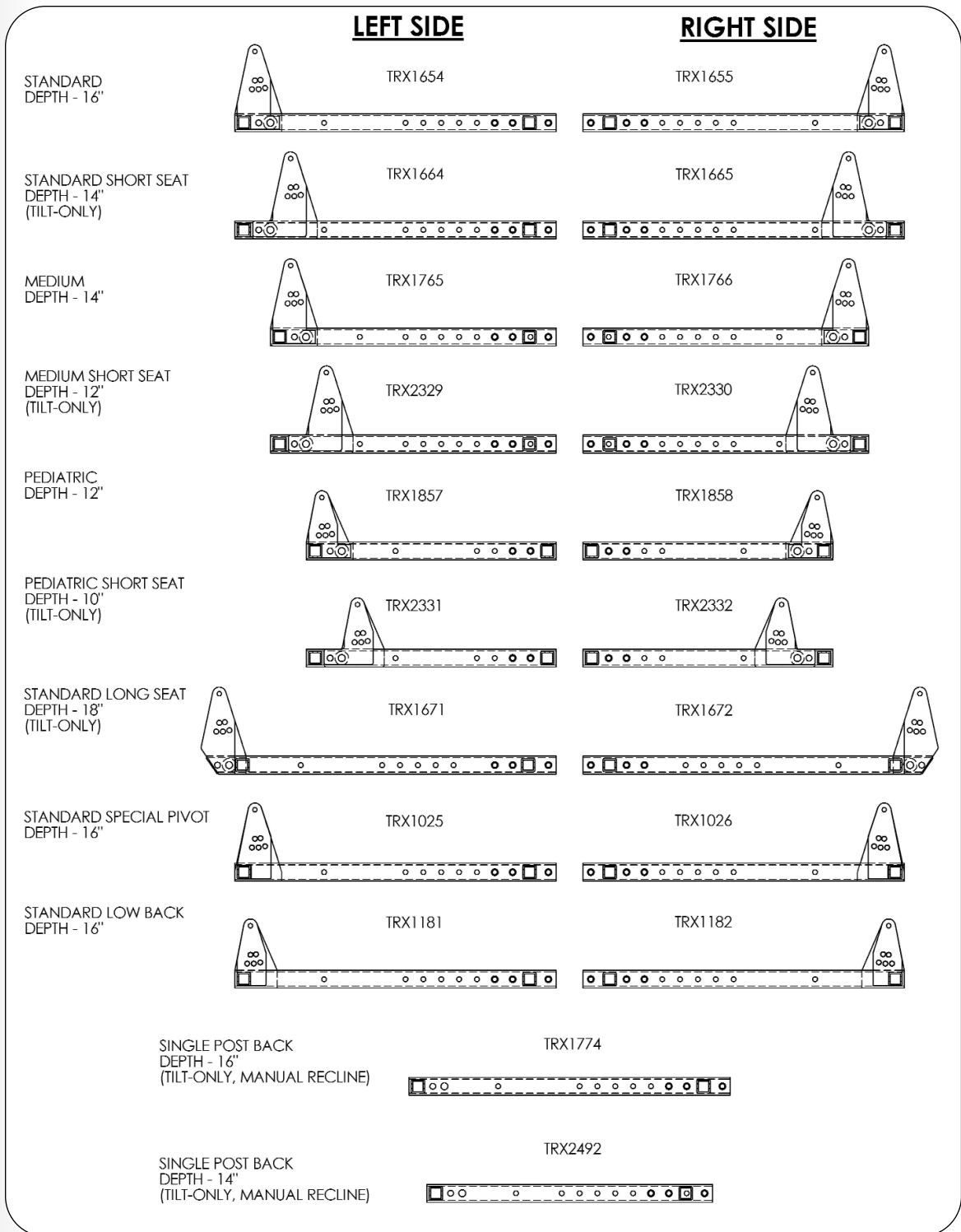
Note: *italics* denote non-standard applications

¹**Note:** A variety of seat frames are available to meet the specific needs of the end user. Figure 3.0 above shows the seat frames available at the time of printing this technical training manual. **Please refer to our TRx Parts Manual for the most current revision (TRC0408) of this and any other parts drawing.**

3.0 - Basic Structural Components:

II. TRx Seat Frames

Figure 3.1 - Seat Side Frame Selection¹ (does not apply to Ultra-Low systems)



¹Note: A variety of seat side frames are available to establish the seat depth and width of a power positioning system, in order to meet the specific needs of the end user. Figure 3.1 above shows the seat side frames available at the original printing of this technical training manual. **Please refer to our TRx Parts Manual for the most current revision (TRC0407) of this and any other parts drawing.**