



TRAVERSA[™]
by BRODA

Revolutionizing Mobility:
The Future of NEMT Comfort & Efficiency




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Traversa Transport Wheelchair: Patent Pending

The Safety Issue

The Balance Between Comfort and Safety

Transportation of passengers with limited mobility can be a difficult task for NEMT providers.

Can you have both comfort and safety without compromising one for the other?



35%

wheelchair transportation injuries are due to improper securement or the complete lack thereof.¹



45x

Passengers seated in a wheelchair are **45x more likely** to be injured in a crash.²



Many passenger injuries occur during non-collision incidents, such as abrupt braking or turning.³

¹ U.S. Department of Transportation, & National Highway Traffic Safety Administration. (1997, September). Wheelchair Users Injuries and Deaths Associated with Motor Vehicle Related Incidents. National Highway Traffic Safety Administration.

² Buning, M. E., Bertocci, G., Schneider, L. W., Manary, M., Karg, P., Brown, D., & Johnson, S. (2012). RESNA's position on wheelchairs used as seats in motor vehicles. *Assistive technology: the official journal of RESNA*, 24(2), 132-141.

³ Frost, K., Bertocci, G., & Smalley, C. (2018). Wheelchair tiedown and occupant restraint practices in paratransit vehicles. *PLOS ONE*, 13(1), e0186829. <https://doi.org/10.1371/journal.pone.0186829>

The Safety Solution

Traversa Transport Wheelchair

The Traversa™ Transport Wheelchair is the peak of innovation in the non-emergency medical transportation (NEMT) field. Engineered to meet the highest comfort and safety standards, it's easy to see why passengers love riding in a Traversa Transport Wheelchair.



Crash-tested

Satisfies the WC19 standards for wheelchair transportation safety.

Reduces workload

Safe and easy to use with one operator rather than two.

Improves safety

Reduces injury risk during transfers, loading, and unloading.

Adjustable components

Easily accommodates most passengers by widening or narrowing the seat width and/or the shoulder bolsters.



Patient & Operator Benefits

- **Safe & easy** to use with one operator rather than two
- **Reduces injury risk** during transfers, loading, and unloading
- **Crash-tested** and **WC19 compliant** with wheelchair transportation standards



Elevating seat surface height makes transfers easy and safe, raising from 22.5" to 32".



Hand brake for quick and easy stopping on ramps.



Maneuver laterally in tight spaces with our proprietary Pivot Assist System™.



Adjustable seat tilt makes for a comfortable trip by relieving painful pressure points.



Why Choose the Traversa?



Save Money on Each Trip

Trips with the **Traversa** are less expensive than using a stretcher or gurney. The **Traversa Transport Wheelchair** may replace up to 90% of your current stretcher trips.



Save Time & Reduce Risk

The **Traversa Transport Wheelchair** quickly and easily rolls into many vehicle types with no manual lifting required. This saves time and reduces injury risk to both employees and passengers.



Crash Tested for Safety

Vehicle passengers riding in wheelchairs are 45 times more likely to be injured in a crash than a typical passenger.¹ The **Traversa Transport Wheelchair** meets all WC19 standards and is crash tested for optimal safety.



Cleanliness & Sanitation

The **Traversa Transport Wheelchair's** fluid-resistant and easy to disinfect. This protects the health of the passengers and the longevity of the wheelchair.

By Comparison...

Annual Operating Cost

Stretchers

vs.



INITIAL INVESTMENT	5 Stretchers \$15,000/each	\$75,000	5 Traversa Wheelchairs \$7,500/each	\$37,500
LABOR	10 Operators \$50,000/year	\$500,000	5 Operators \$50,000/year	\$250,000
MAINTENANCE	Estimated Yearly Maintenance Cost per Stretcher \$2,400/each	\$12,000	Estimated Yearly Maintenance Cost per Wheelchair \$2,000/each	\$10,000
TOTAL COST	\$587,000		\$297,500	

Total Estimated Annual Savings with Five Traversa Wheelchairs

\$289,500 in savings per year



SPECIFICATIONS

<i>Degrees of Tilt</i>	Up to 20°
<i>Degrees of Recline</i>	Up to 90°
<i>Weight Capacity</i>	Up to 450 lbs. (158 kg)
<i>Adjustable Seat Widths</i>	20" - 24" (50 cm - 63 cm)
<i>Seat Depth</i>	18.5" (46 cm)
<i>Back Height</i>	32" (81 cm)
<i>Foot Pump-Adjustable Seat Surface Height</i>	22.5" - 32" (57 cm - 81 cm)
<i>Lifetime Frame Warranty</i>	5 years on 16-gauge tubular steel frame
<i>Overall Dimensions</i>	27 5/8" wide, 52" tall (48" in tilt) 68.5 cm wide, 132 cm tall (122 cm in tilt)

* This example is hypothetical. Individual profitability results may vary.



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