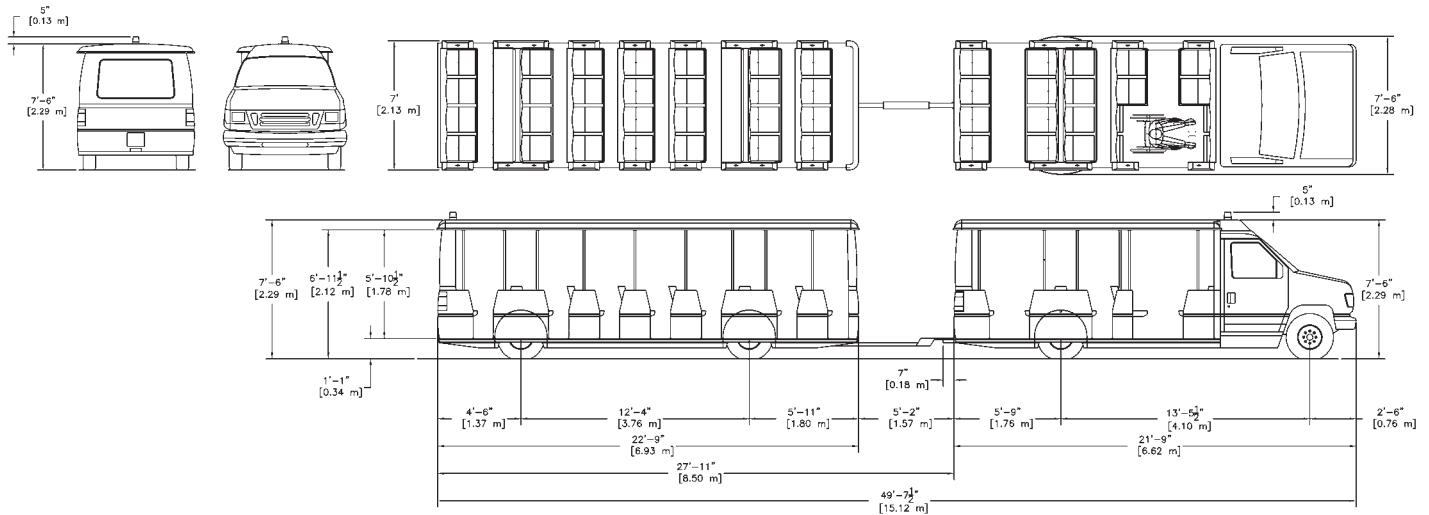


TRAMSTAR™ HD



TRAMSTAR HD

Tramstar™ HD



SPECIFICATIONS

PRINCIPAL DIMENSIONS

	POWER UNIT	TRAILING UNIT
Passenger capacity	20 adults	28 adults
Handicap capacity	2 wheelchairs 12 seated	NA
Wheel base	161.5 in. (4.10m)	148 in. (3.76 m)
Overall Length	21 ft. 9 in. (6.63 m)	22 ft. 9 in. (6.93 m)
Overhang, front axle to front bumper	30 in. (76.20 cm)	70.5 in. (1.79 m)
Overhand, rear axle to rear bumper	69.5 in. (1.77 m)	54.5 in. (1.38 m)
Width, overall	84 in. (2.13 m)	84 in. (2.13 m)
Height, overall with beacon	95 in. (2.41 m)	95 in. (2.41 m)
Height, overall without beacon	90 in. (2.29 m)	90 in. (2.29 m)
Height, step and floor	13.5 in. (34.29 cm)	13 in. (33.02 cm)
Height, inside at center line	76 in. (1.93 m)	76 in. (1.93 m)
Min. turning radius, outside front tire	28 ft. (8.53 m)	28 ft. (8.53 m)
Min. turning radius, outside front body corner**	29 ft. (8.84 m)	29 ft. (8.84 m)
Curb weight (approx.)	7,200 lbs. (2,948 kg)	4,5000 lbs. (2,041 kg)
G.V.W.R. (max. at 20 m.p.h.)	14,050 lbs. (6,373 kg)	8,700 lbs. (3,946 kg)
Approach angle	32°	10°
Ramp breakover angle	10°	10°
Departure angle	10°	10°

Gradeability vs. road speed for a standard gasoline power unit with single rear wheels:

15 percent grade at 4mph for a fully-loaded tram with two trailing units.

10 percent grade at 4mph for a fully-loaded tram with three trailing units.

*Passenger capacity is calculated providing 18.5 inches per adult passenger. Overall width of all transverse seats is 74 inches.

**Turning radius may vary. Specific applications should be reviewed with Chance Morgan prior to placing vehicles in service.

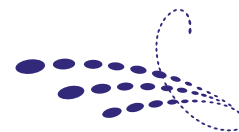
POWER UNIT

Tires	LT 225/75 R16, load range E
Rims	Steel, 8-hole, 16" x 6"
Axle, type	4 x 2 rear drive, front steer
Axle, front	Ford E-450 twin I-beam, 4,600 lbs. (2,087 kg)
Axle, rear	Dana 10.5" HD, full-floating, 9,450 lbs. (4,286 kg)
Brakes, type	Ford hydraulic power brakes
Brakes, front	Ford E-450 disc, dual-piston, 13.03" dia.
Brakes, rear	Ford E-450 disc, dual-piston, 12.90" dia.
Suspension, front	Ford E-450 heavy-duty coil spring
Suspension, rear	Dual-airspring air-ride
Engine, gasoline	6.8 Liter V-10
Fuel capacity	22 gal. (83.3 liters)
Transmission	Torqshift™, 5-speed automatic
Seats	Molded fiberglass, 74 in. (1.88m)
Air conditioning (cab only)	R134A

TRAILING UNIT

Tires	ST 225/75 R15, load range D
Rims	Steel, 6-hole, 15" x 6"
Axles	Chance Rides, tubular, steering, 5,000 lbs. (2,268 kg)
Brakes	Air-over-hydraulic drum, manual-adjusting 12" x 2.5"
Suspension	Air-ride, two airsprings per axle
Steering	Four-wheel steering

Specifications are effective as of publication date. Because we try to improve every Chance Morgan product, these specifications are subject to change without notice. Dimensions given are approximate. For actual dimensions and installation specifications, please refer to Chance Morgan foundation drawings.



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