

APPLICATION	Recommended for on-highway transportation of agricultural and industrial bulk commodities	DIVIDER PANEL	.080" aluminum
TIRES	11R24.5 Bridgestone R194 recommended, customer choice for other size or brand	TWIN HOPPER ASSEMBLY	Side panels of .080" aluminum with side slope angle of 43.5 degrees, center and end panels of .100 aluminum with slope angle of 33 degrees
WHEELS	Hayes Wheel 24.5 X 8.25 steel disc painted white, hub piloted	TRAPS	32' & 33'5" - 24"W X 22"L openings; 38' - 26"W X 24"L openings; 40' & 42'2" - 26"W X 36"L openings; 45' - Dual traps with 26"W X 54"L openings. The plate tracks are full length and are an integral part of the hopper lower rail. The trap plates are 1/4" aluminum with steel stiffeners and self-lubricating nylon slide pads. Add 6" to trap openings width for all 102" wide trailer models. Hopper clearance 27" on 32' & 33'5", 19" on all other models
AXLES	Meritor 22,500 lbs. beam capacity, 5" diameter, 1/2" wall, 71 1/2" or 77 1/2" track, integral spindles, 28-spline camshafts and ABEX non-asbestos brake linings. This axle has Cam-Master "Q" quick-change brakes. Webb cast ductile iron hubs and cast high-alloy, gray iron outboard mounted drums, hub piloted	TRAP OPERATORS	Each trap is opened and closed by a manually operated 1" diameter shaft connected through a U-joint to the double rack and pinion gears using a removable crank. There are trap locks at each crank shaft. The double rack and pinion gears drive at both sides of each plate. Mechanical advantage is 16 to 1. All trailer models are standard with 2-speed trap operators, except the 45' model
OIL SEALS	Stemco Guardian	STEP, LADDER & HANDHOLD	Aluminum ladders, handholds, and platforms are mounted on both the front and the rear
BRAKES	16-1/2" X 7" complying with FMVSS 121	TARP	Shur-Lok roll tarp is recommended, customer specifies color and density
ANTI-LOCK SYSTEM	Meritor/WABCO 4 sensor, 2 modulator with constant power supplied by center auxiliary pin	TARP BOWS	Five (5) on 32' trailers; Six (6) on 33'5" trailers; Seven (7) on 38' and 40' trailers; Eight (8) on 42'2" and 45' trailers, 9" rise steel arch type
SUSPENSION	Hutch tandem axle suspension with reduced free play. Fabricated steel weld-on straddle-mount spring hangers, and 3-leaf springs. Rated load: 11,200 lbs. each spring. Suspension beams are 4" X 8" X 3/16" rectangular steel tubing	WHEEL FLAPS	1/2" Black heavy duty rubber, 24"W X 30"L
UPPER COUPLER	5/16" 80,000 psi yield-strength steel bolster channels with 1/4" 60,000 psi yield-strength steel full width pickup and coupler plate	ELECTRICAL SYSTEM	Complies with FMVSS 108 with connector box 7" off set to roadside on nose. All connections are sealed to prevent water intrusion and corrosion. Common ground
SUPPORT LEGS	Kyor Westran, round legs, two spools with road side removable crank, low profile 10" diameter cushion foot shoe, 50,000 lbs. lift capacity. Location from Kingpin: 77" on 32'; 88" on 38' & 40'; 94" on 33'5" & 42'2"; 93" on 45'	REAR TAIL LAMPS	Six (6) 4" diameter, sealed lamp, grommet mounted with shock absorbing lamp mounting. Two (2) red turn signals and four (4) red stop/tail and stop/clearance combination
KINGPIN SETTING	20"	SIDE AND NOSE MARKERS CLEARANCE & ID LAMPS	Side Lamps - Includes 2 rows of 3 lamps each side; (3) amber L.E.D., (2) red L.E.D., (1) amber mid turn/marker lamp sealed. Nose Lamps - (2) amber L.E.D. marker lamps. Rear Frame Lamps - (5) red L.E.D. marker lamps on rear header
FRONT CORNERS	6" radius, white	CONSPIQUITY	Red and white reflective tape mounted in line with bottom row of side marker lamps and full width across rear of trailer. White reflective tape mounted on top corners of rear frame
NOSE PANELS	Smooth pre-painted white .048" aluminum	PAINT COLOR	Black on all steel parts
SIDE LOWER RAILS	Aluminum 7-11/16" high extrusion		
SIDE POSTS	Aluminum extrusion 1-3/4" Z posts on 12" centers		
SIDE PANELS	Pre-painted white .048" aluminum, corrugated on 4" centers		
SIDE TOP RAILS	Aluminum 5-5/8" X 6-1/4" extrusion		
REAR FRAME	Corrugated pre-painted white .048" aluminum and extended aluminum posts		
INTERIOR LINING SIDE WALLS	.048" one piece aluminum		
END SLOPE	.080" aluminum supported by aluminum channel and Z shaped member; 33 degree slope angle		