

Cheetah Chassis Corporation
20-40-45 ft. Gooseneck Tri-Axle 60" Spread Extendable Chassis
Standard Specifications

Specification No. STANDARD

Revised: 1-24-07

Function	Carries one 20 ft (50,000 lb max) or one 40 ft or one 45 ISO Container Meets all DOT, TOFC, AAR, FMVSS, ANSI, SAE and TTMA specifications in effect at the time of manufacture and applicable to operation in the United States.
Overall Length	(20 ft position) 29 ft 7 inches (40 ft position) 40 ft 6 inches (45 ft position) 45 ft 6 inches
Overall Width	96 inches
Tri axle Location	85 1/2 inch
Kingpin Location	24 inches from rear face of front bolster
Maximum Rear Height	48 in.
Main Frame Width	40 in.
Main Beams	Wide flange I-Beam 12 inch deep, 19 lb/ft, hot rolled steel, ASTM A572-50
Gooseneck Beams	5 inches deep I-Beam, fabricated with 5/8 inch x 4 inch flanges and 1/4 inch x 4 inch web
Cross Member	All cross members are formed from 10-gauge steel
Upper Coupler Assembly	Pick up plate is 5/16" thick and extends approximately 18" behind the kingpin and is reinforced fore and aft by 1/4 inch formed channels
Bracing	Lateral Bracing
Front Bolster	1/4 inch thick channel 9 inch high x 6 inch deep with 10 gauge stiffeners
Intermediate Bolster	1/4 inch wall x 6 inch x 8 inch tube with 1/2 inch end plates and retractable twist locks
Frame Extension	By telescopic action behind the landing gear, the chassis can be extended by approximately (11) feet. Security for the frame adjustment is accomplished through two air actuated locking pins that ensure positive engagement with the main frame.
Rear Bolster	Box type with 3/8 inch x 8 inches top plate and 1/4 inch thick formed channel lower member with ICC light holes. A small license plate bracket will be mounted on the under side.
Twist Lock & Slide Pins	Meets ISO standards and requirements
ICC Bumper	4 inch x 4inch x 3/16 inch Tube step bumper. Main beam and bumper struts are extended 2 inches to protect rear bolster. (No rubber dock bumpers)
Landing Gear	Two speed AAR approved, square leg. 50,000 lb. lift capacity and 140,000 static load capacity.
Landing Gear Axle Type	Standard
Landing Gear Foot Group	10 in. by 10 in. Low profile sandshoe
Crank Handle Location	Curb side handle
Suspension	Eveley
Axle Quantity	Three Axles
Suspension Type	Spring-Ride
Axle Centers	60 inch

Customer Approval Initials: _____

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Springs	Three Leaf
Hub Type	Hub piloted for disc wheels
Hub Material	Steel
Hub Manufacturer	Hayes / Lemmerz
Drum	Outboard mounted
Rims/Wheel	8 1/4 X 22.5 hub piloted tubeless
Wheel/Rim Color	White
Rim Spacer	None
Tires	Cheetah Supplied
Tire Size	11R 22.5
Tire Inflation System	None
Axle Vendor	Meritor
Axle Type	TN
Wall Thickness	1/2 inch
Axle Track	71.5
Brake Lining Options	Standard
Lubrication	Oil 90 wt.
Slack Adjusters	Bendix 5 1/2 inch
Brake System Vendor	WABCO
Brake System Type	2S1M
Brake Chambers	Haldex
Hubodometer	None
Electrical System	12 volt, 7-way split pin receptacle plug; modular wiring harness
Light Vendor	TruckLite
Light Attachment	Grommet mounted
Light Type	Incandescent
Metal Preparation	Clean, dry steel and NACE No. 3 /SSPC-SP-6 "Commercial Blast Cleaning"
Primer	70% Zinc Rich Primer
Topcoat	Urethane Topcoat
Color	Black
Markings	FHWA plate, tare weight, 2 small Cheetah logos.
Customer Decals	Cheetah Supplied
Conspicuity	Meets DOT requirements
Registration Holder	Plastic with clear screw on top
Mud Flaps	Cheetah Supplied
Mud Flap Mounting	4 mounting bolts
Steel & Fasteners	All structural steel is ASTM-A572, Grade 50, or ASTM-A607, Grade 50. All structural fasteners are Grade 5 or better and are zinc coated
GVWR	60,000 lb when in the 20' position 75,000 lb when in the 40' position 75,000 lb when in the 45' position
Weight	Approximately 9,750 lbs. + 2%

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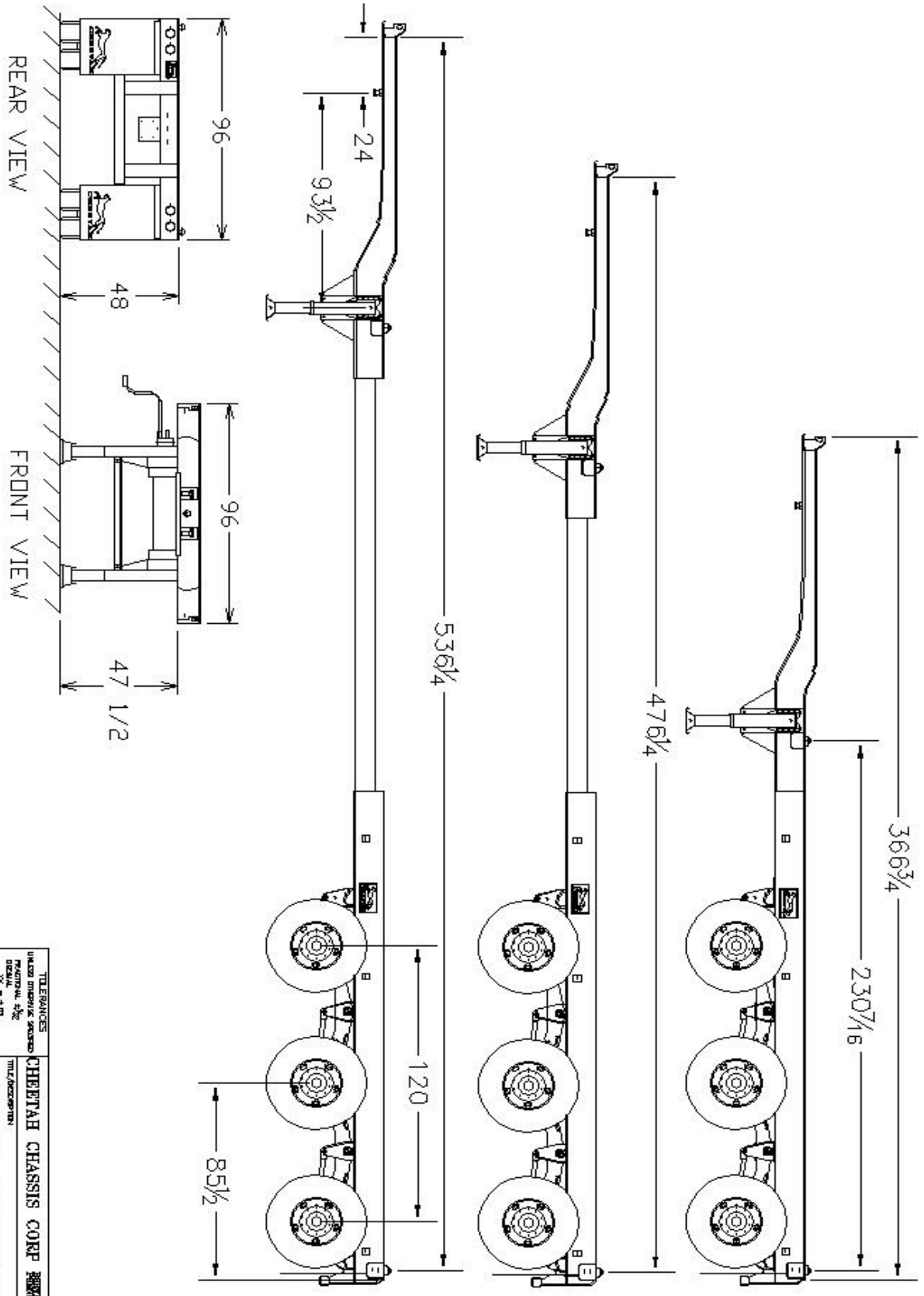
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B010299

REV. _____ REMARKS _____ DATE _____ DRN _____



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TOLERANCES UNLESS OTHERWISE SPECIFIED FRACTIONS .002 DECIMALS .005 ANGLES .010 HOLE SIZE .005		CHEETAH CHASSIS CORP TRIDEM CITY CHASSIS GENERAL ARRANGEMENT 20-40-45 60" SPREAD	
DRAWN RLF CHECKED NEW	DATE 8-8-05	PART NUMBER B010299	SHEET NUMBER 1 OF 1

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