

Cheetah Chassis Corporation
20/40 HD Extendable RBT Chassis with
Flip-Up Rear Twistlocks

Specification No. Standard

Standard Specification

Revised: 4-29-08

Function	Carries one 20 ft or one 40 ft ISO container. Meets all DOT, TOFC, CMVSS, ANSI, SAE and TTMA specifications in effect at the time of manufacture and applicable to operation in Canada.
Overall Length	(Closed) 32ft 5in (Extended) 40ft 7in
Overall Width	96" (102" over axles)
Axle Location	28 7/8" from rear to center of rear axle
Slide Range	98" Total
Kingpin Height	47"
Kingpin Location	12" from rear face of front bolster
Maximum Rear Height	48"
Main Beams	Fabricated I-Beam with 1/2" x 5" flanges
Bogie Beams	Fabricated I-Beam; Top flange: 1/2" x 5" Bottom flange: 1/2" x 6"
Cross Member	All cross members are formed from 7 ga 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" formed channels
Bracing	Lateral Bracing
Front Bolster	7 ga thick channel 9" high x 6" deep with 10 ga stiffeners
Intermediate Bolsters	Fwd: 1/4" wall x 6" x 8" tube Rwd: Fabricated box-type bolster with 1/2" end plates & retractable twistlocks on each
Rear Bolster	Fabricated box type I-beam with 1/2" flanges and swing down twistlocks.
Twist Locks & Slide Pins	Meets ISO standards and requirements
Slider Mechanism	Lock engagement ensured by two spring-loaded pins through main beams. Movement is facilitated by steel rollers. Air activated locking pins.
ICC Bumper	3/16" x 4" x 4" x 47" tube step bumper. Two (2) rubber bumpers.
Landing Gear	Two speed AAR approved. 50,000 lb. lift capacity and 140,000 static load capacity.
Landing Gear Axle Type	Standard
Landing Gear Foot Group	10" x 10" Low profile sandshoe
Crank Handle Location	Road side handle
Axle Quantity	Three (3) axles
Suspension	Spring-Ride
Axle Centers	60 3/4" all axles
Springs	Mono Leaf
Hub Type	Hub piloted for disc wheels
Hub Material	Steel
Drum	Outboard mounted
Rims/Wheel	8.25 X 22.5 hub piloted tubeless
Wheel/Rim Color	White
Tires	Cheetah Supplied

Customer Approval Initials: _____

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Tire Size	11R 22.5
Tire Inflation System	None
Brake Lining Options	Standard
Lubrication	Oil 90 wt.
Brake System Type	2S1M
Hubodometer	None
Electrical System	12 volt, 7-way split pin receptacle plug; modular wiring harness
Light Attachment	Flange mounted
Light Type	LED
Metal Preparation	Clean, dry steel and NACE No. 3 /SSPC-SP-6 "Commercial Blast Cleaning"
Primer	70% Zinc Rich Primer
Topcoat	Urethane
Color	Black
Markings	FHWA decal, tare weight, 2 small Cheetah logos.
Customer Decals	Furnished By Customer
Conspicuity	Meets DOT requirements
Registration Holder	Plastic with clear screw-on top
Mud Flaps	Plastic anti sail
Steel & Fasteners	All structural steel is ASTM-A572, Grade 50, or ASTM-A607, Grade 50 unless otherwise specified. All structural fasteners are Grade 5 or better and are zinc coated
GVWR	71,200 lbs. (20 ft) 75,000 lbs. (40 ft)
Weight	Approximately 11,600 lbs. ± 2%

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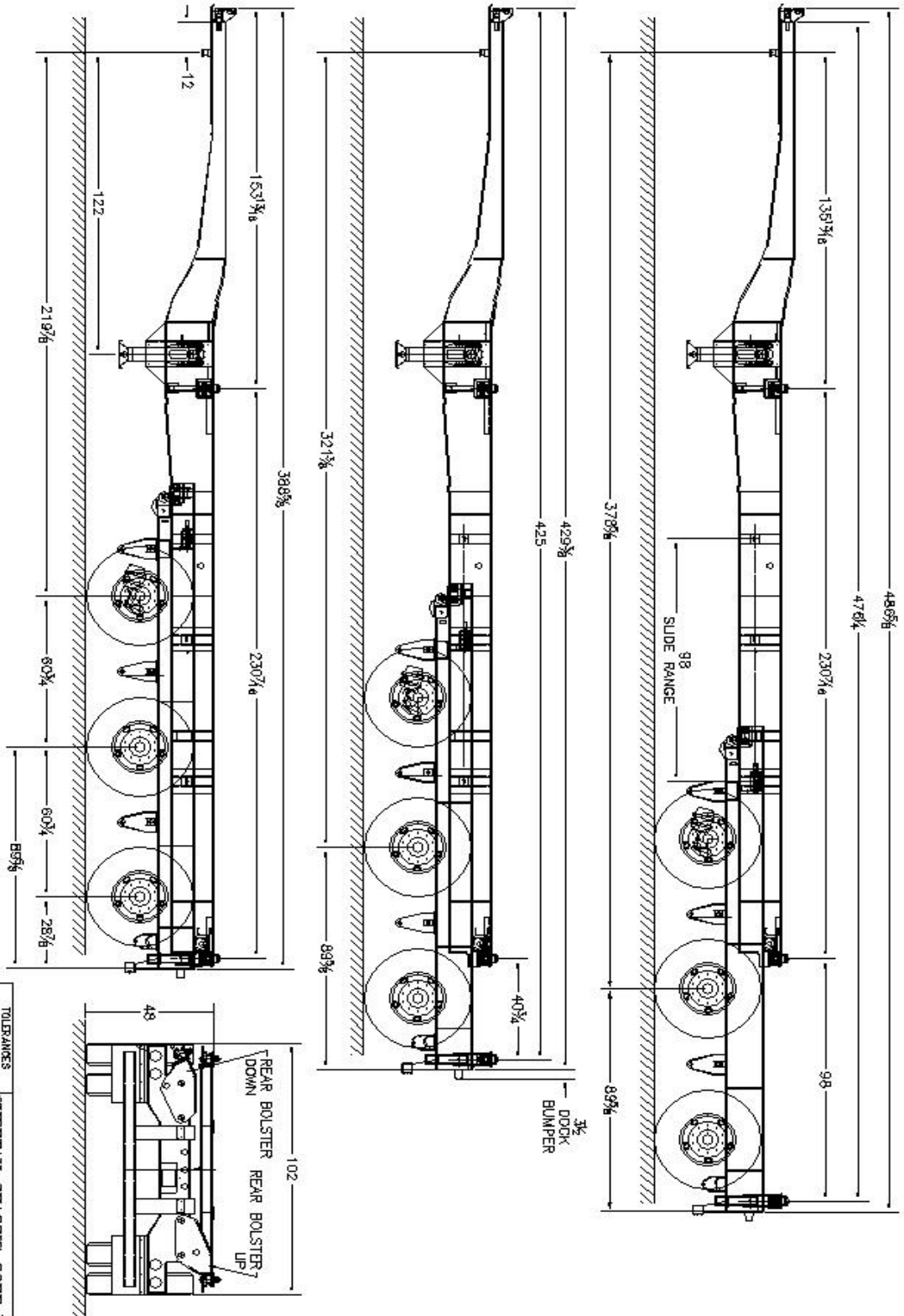
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REV.

REMARKS

DATE

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TOLERANCES UNLESS OTHERWISE SPECIFIED		CHEETAH CHASSIS CORP. PROPERTY	
FINISHED PARTS AS SHOWN	±0.005	GENERAL ARRANGEMENT	
ANGLES 31°	±0.005	20-40 HD w/ FLIP-UPS	
NEW	DATE 06/31/07	REVERSE B-TRAIN TRAILING UNIT	
DRAWN JLS	DATE 06/31/07	PART NUMBER B010454	
CHECKED	DATE	REV. —	
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