



American Chassis Depot

45FT MULTIMODAL **CONTAINER CHASSIS**



4811 N McCarty St Suite C, Houston, TX 77013



TECHNICAL SPECIFICATIONS

Overall Length	45'-2 33/64" (13780 mm)
Overall Width	98" (2490 mm)
Overall Height	59" (1493 mm)
Fifth Wheel Height	46"+-1" (1170 mm)
Rear Deck Height	56"+-1" (1436 mm)
King Pin Setting	33" (830 mm)
Axle Spacing	52" (1310 mm)
Tail Location	108" (2740 mm)
Tare Weight	14991 lbs (+-2%) (6800 kg)
Payload	66139 lbs (30000 kg)
G.V.W.R	81130 lbs (36800 kg)

STEEL FRAME & COMPONENTS

1. Main Beam - Fabricated H-beam H420x140x14x6x14mm, ASTM A572 Grade 50, length 532.4"

2. Cross Member - "U" channel, width 3.1" x height 1.6" x thick 1/6n, length 35.9", ASTM A572 or SS400.

3. Front Bolster - 1/5 inches thick x 7 inches height x 8.7 inches width x 98 inches length gauge stiffeners ASTM A572 or SS400.

4. Rear Bolster - 1/5 inches thick x 7 inches height x 8.7 inches width x 98 inches length gauge stiffeners ASTM A572 or SS400.

5. King Pin - Welding 2 inches, JOST Brand.

6. Front Lock - Twist lock.

7. Rear Lock - Twist lock.

8. Landing Gear - JOST Brand 61729 lbs capacity, 2-speed 19" travel with low "T" shoes crank handle is located on the driver's side of the chassis.

9. Axle - JOST ABS square axle with 30424 lbs capacity, 72.8" track, 10 HUB piloted hubs with inboard mounting cast steel drum.

10. Suspension - ZY brand with 22046 lbs, mechanical tridem suspension with 3 leaf springs.

11. Brake System - KORMEE ABS system, dual line trailer brake system, sealco valve, 30/30 brake chamber.

12. Tire - DRC 11R22.5 16 PR.

13. Rim - 8.25×22.5, 10 holes ISO.

14. Painting - Shot blasting of all metal surfaces -Prime coating: epoxy -Color coating: PU (Poly Urethane), black color.

15. Marking - All marking and signs per customers requirement.

16. Electrical System - LED lighting, volt: 12V.

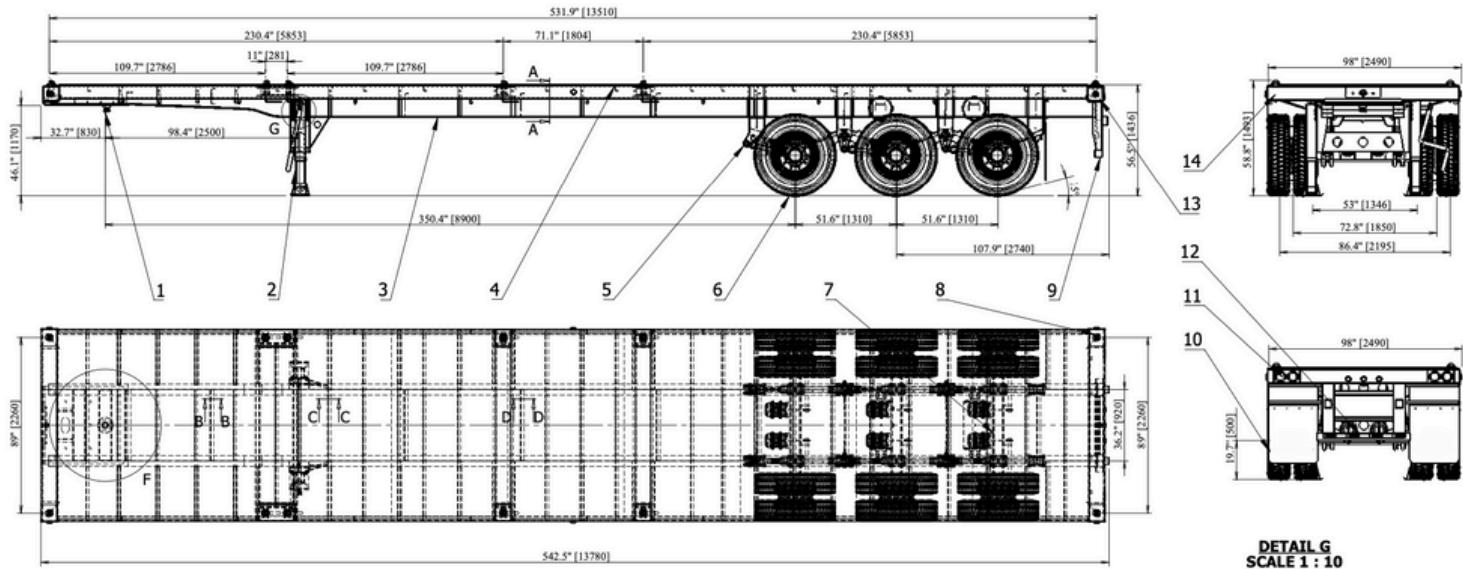
17. Electric Socket - Phillips brand.

18. Miscellaneous - Standard marking, Rubber mud flap.

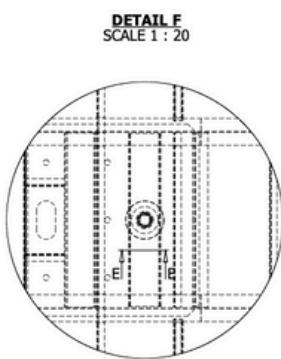


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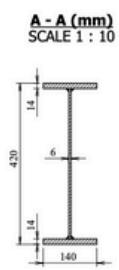
**TRUSTED TRANSPORTATION SOLUTIONS THAT
DRIVE SUCCESS FOR BUSINESSES ACROSS AMERICA**



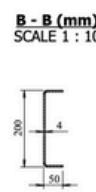
DETAIL G
SCALE 1 : 10



DETAIL F
SCALE 1 : 20



A - A (mm)
SCALE 1 : 10



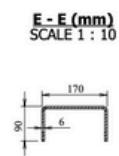
B - B (mm)
SCALE 1 : 10



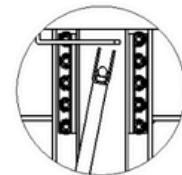
C - C (mm)
SCALE 1 : 10



D - D (mm)
SCALE 1 : 10



E - E (mm)
SCALE 1 : 10



14	Rear bolster	01	SS400/ASTM A572
13	Front bolster	01	SS400/ASTM A572
12	Reflective marking	01	Reflective decal
11	Tail lights	07	LED 12V
10	Mud flaps	02	Rubber/Plastic
9	Rear bumper	01	SS400/ASTM A572
8	Container twistlocks	12	
7	Axles	03	13.8 tons JOST
6	Tires	12	11R22.5 DRC

No.	Name	Quantities	Material	Note
5	Suspension System	03	Mechanic	ZY Brand
4	Cross member	30	SS400/ASTM A572	
3	Main beam	02	H420x140x14x6mm	ASTM A572 - 50
2	Landing gear	01	02 speeds	JOST
1	Welding kingpin	01	2"	JOST
	Name			
	Sign			
	Time			
	Designed			12/2022
	Drafted			12/2022
	Checked			12/2022
	Material			
	Weight			

45ft Multimodal Chassis

Scale: 1:50 Drawing no.: 01 Update: 23/12/2022



American Chassis Depot



American Chassis Depot is a leading provider of high-quality chassis solutions for the transportation and logistics industry. With years of experience in the field, our team is committed to helping you find the perfect chassis solution for your specific needs.

For more information americanchassisdepot.com