



***A Dorsey's More Durable***

# LB55-22DD

## CAPACITY

- ▶ 55 tons in 12' length (GAWR and tire ratings determine legal payloads)

## ESTIMATED TARE WEIGHT (STANDARD PACKAGE)

- ▶ 19,650 lbs ± 3%

## LOAD BASE

- ▶ 12' rigid point load centered in deck

## DIMENSIONS

- ▶ Overall: 8' 6" width x 52' 8" length
- ▶ Clear deck length: 25' (flat deck design)
- ▶ Deck height under full load: 22" (ground clearance: 6")
- ▶ 50" nominal loaded 5th wheel height (4 ride height positions)
- ▶ Rear bogie height: 41"

## GOOSENECK DESIGN

- ▶ Hydraulic, detachable with 9" cylinders, non ground bearing, set up for wet line
- ▶ Adjustable ride height features 4-position mechanical lock for separate deck and fifth wheel height control
- ▶ Air locking pin
- ▶ 102" swing radius

## DECK DESIGN

- ▶ Main longitudinal members fabricated with 100 KSI yield steel flanges with 50 KSI yield webs
- ▶ Level deck design
- ▶ 10" I-beam crossmember with 4" stub sill on 12" centers
- ▶ 1 ½" nominal apitong
- ▶ Front of deck approach ramp with traction cleats
- ▶ Lockable toolbox in front of deck
- ▶ Removable swing-type outriggers (extends trailer width 2')

## BOGIE DESIGN

- ▶ Fixed deck-to-bogie connection with front bogie ramp
- ▶ V-style boom trough
- ▶ Recessed load bearing bolsters between axles and behind last axle
- ▶ Heavy-duty V-style rear bumper
- ▶ Available fourth flip axle setup
- ▶ Ultra low bucket well

## AXLES

- ▶ (3) Heavy-duty axles with 54 ½" spread
- ▶ 25,000 lbs nominal capacity per axle (GAWR determined by suspension type, brakes, tires and other components)
- ▶ Tapered spindle axles

## BRAKES

- ▶ 16 ½" x 7"
- ▶ Heavy-duty brake drums, outboard mount
- ▶ Automatic slack adjusters
- ▶ Type 30/30 parking brakes on (2) axles

## HUBS

- ▶ Hub-piloted 10-stud mount
- ▶ Outboard cast drums

## WHEELS/TIRES

- ▶ (12) Steel disc wheels 8.25 x 22.5 with 275/ 70R 22.5 H-ply tires

## SUSPENSION

- ▶ Unitized heavy duty 25,000 lbs, air-ride suspension with automatic and manual controls
- ▶ Suspension override prevention straps on all axles

## ELECTRICAL SYSTEM

- ▶ Fully sealed wiring harness with LED lights
- ▶ Marker lights and mid-turn signals
- ▶ (3) Oval stop, tail and turn lights per side on rear

## PROTECTIVE COATING

- ▶ High quality 2-part Dorsey black acrylic urethane
- ▶ High quality 2-part primer
- ▶ White blasted and cleaned prior to painting

## LASH RINGS

- ▶ (8) Pair (16 total), bent D-ring

## FLAG HOLDERS

- ▶ (2) Pair (4 total)



# DOMINATOR™

# LB51-22DD

## CAPACITY

- ▶ 51 tons in 12' length (GAWR and tire ratings determine legal payloads)

## ESTIMATED TARE WEIGHT (STANDARD PACKAGE)

- ▶ 18,950 lbs ± 3%

## LOAD BASE

- ▶ 12' rigid point load centered in deck

## DIMENSIONS

- ▶ Overall: 8' 6" width x 51' 8" length
- ▶ Clear deck length: 25' (flat deck design)
- ▶ Deck height under full load: 22" (ground clearance: 6")
- ▶ 50" nominal loaded 5th wheel height (4 ride height positions)
- ▶ Rear bogie height: 41"

## GOOSENECK DESIGN

- ▶ Hydraulic, detachable with 8" cylinders, non ground bearing, set up for wet line
- ▶ Adjustable ride height features 4-position mechanical lock for separate deck and fifth wheel height control
- ▶ Air locking pin
- ▶ 90" swing radius

## DECK DESIGN

- ▶ Main longitudinal members fabricated with 100 KSI yield steel flanges with 50 KSI yield webs
- ▶ Level deck design
- ▶ 10" I-beam crossmember with 4" stub sill on 12" centers
- ▶ 1 ½" nominal apitong
- ▶ Front of deck approach ramp with traction cleats
- ▶ Lockable toolbox in front of deck
- ▶ Removable swing-type outriggers (extends trailer width 2')

## BOGIE DESIGN

- ▶ Fixed deck-to-bogie connection with front bogie ramp
- ▶ V-style boom trough
- ▶ Recessed load bearing bolsters between axles and behind last axle
- ▶ Heavy-duty V-style rear bumper
- ▶ Available fourth flip axle setup
- ▶ Ultra low bucket well

## AXLES

- ▶ (3) Heavy-duty axles with 54 ½" spread
- ▶ 25,000 lbs nominal capacity per axle (GAWR determined by suspension type, brakes, tires and other components)
- ▶ Tapered spindle axles

## BRAKES

- ▶ 16 ½" x 7"
- ▶ Heavy-duty brake drums, outboard mount
- ▶ Automatic slack adjusters
- ▶ Type 30/30 parking brakes on (2) axles

## HUBS

- ▶ Hub-piloted 10-stud mount
- ▶ Outboard cast drums

## WHEELS/TIRES

- ▶ (12) Steel disc wheels 8.25 x 22.5 with 255/ 70R 22.5 H-ply tires

## SUSPENSION

- ▶ Unitized heavy duty 25,000 lbs, air-ride suspension with automatic and manual controls
- ▶ Suspension override prevention straps on all axles

## ELECTRICAL SYSTEM

- ▶ Fully sealed wiring harness with LED lights
- ▶ Marker lights and mid-turn signals
- ▶ (3) Oval stop, tail and turn lights per side on rear

## PROTECTIVE COATING

- ▶ High quality 2-part Dorsey black acrylic urethane
- ▶ High quality 2-part primer
- ▶ White blasted and cleaned prior to painting

## LASH RINGS

- ▶ (8) Pair (16 total), bent D-ring

## FLAG HOLDERS

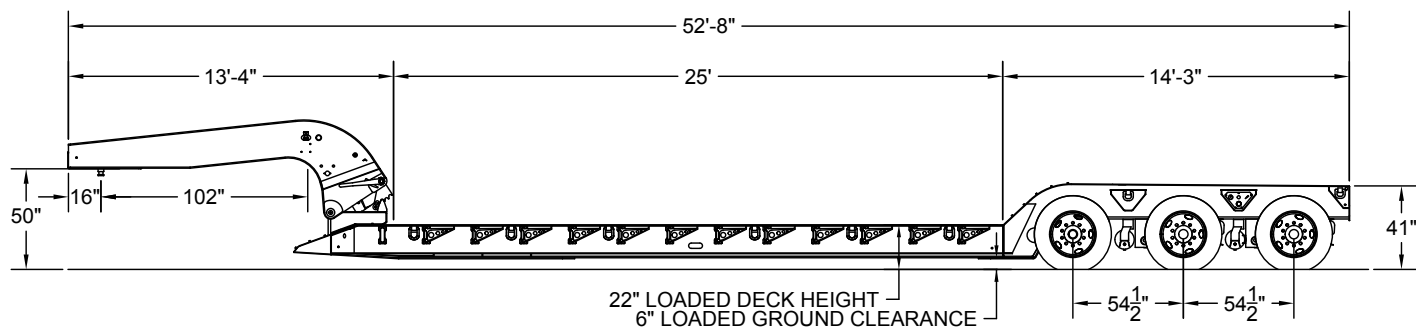
- ▶ (2) Pair (4 total)

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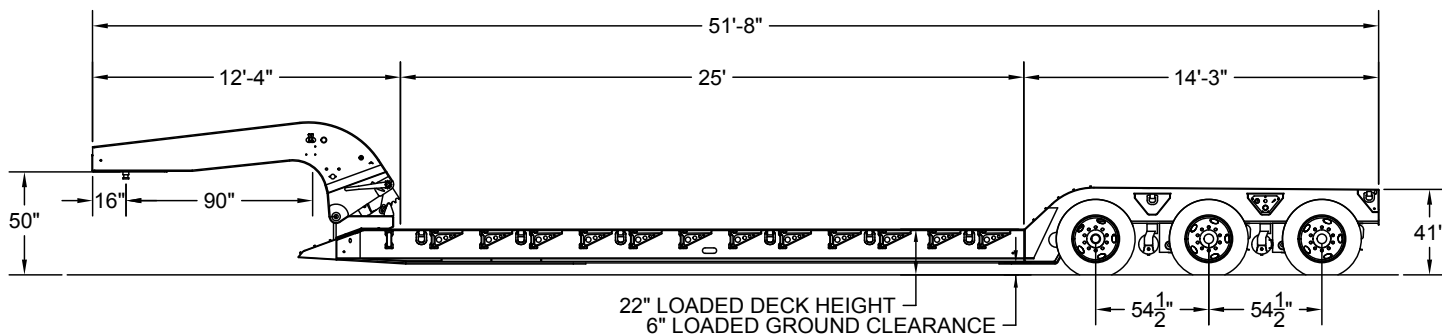




## MODEL: LB55-22DD



## MODEL: LB51-22DD



# DOMINATOR™



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*Note: All specifications are subject to change without prior notification. All dimensions and weights are approximate. Trailers pictured in this brochure may feature optional equipment. Axle placement and legal load ratings are dependent upon federal, state, and local regulations, GAWR and tire ratings. Copyright © 2015 Pitts Enterprises, Inc. (published). Pate. All rights reserved.*

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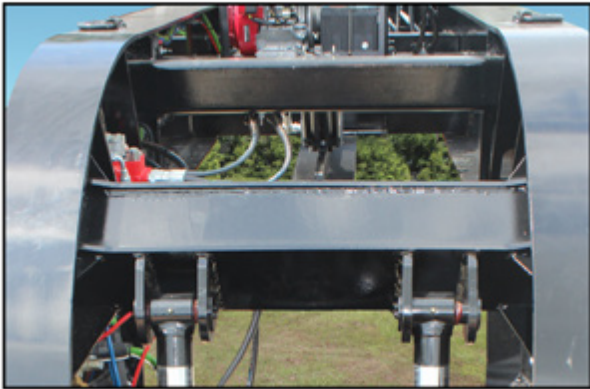
ELBA, AL



New Neck Design



Swing in Load Block



Fabricated Torsion Tube



51 ton 8" Bore Lift Cylinder



55 ton 9" Bore Lift Cylinder



Hydraulic Pressure Gauge

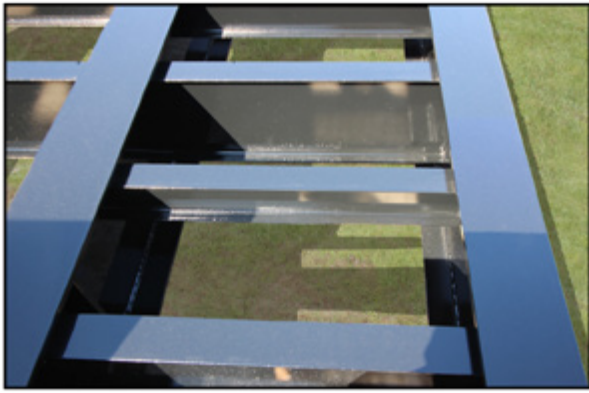


Gradual Fixed Approach

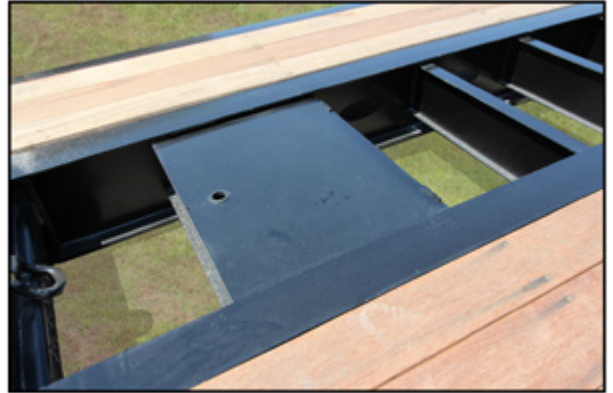


Recessed Electrical and Hydraulic Connections

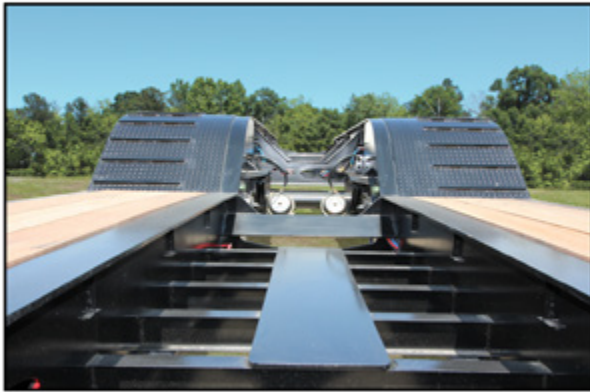




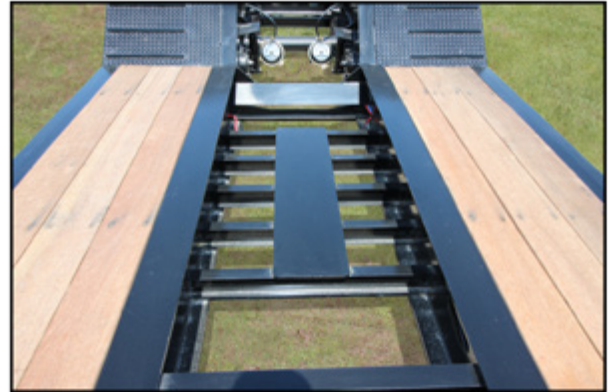
10" I-beam Cross Members with Stub Sills on 12" Centers



Lockable Tool Box in Front of Deck



Ultra Low Boom Trough



Ultra Low Bucket Well



Rounded Bogie Design with Triple Web



Suspension Controls in Bolster



Loading Approach



Drop Side Rail Design





Pony Motor



Paver Rear Bridge



Double Front Outrigger



Removable Swing Outriggers



4th Flip Axle



4th Fixed Axle



4th Flip Preparation