

TD3000 Tow Dynamometer

Selected Features:



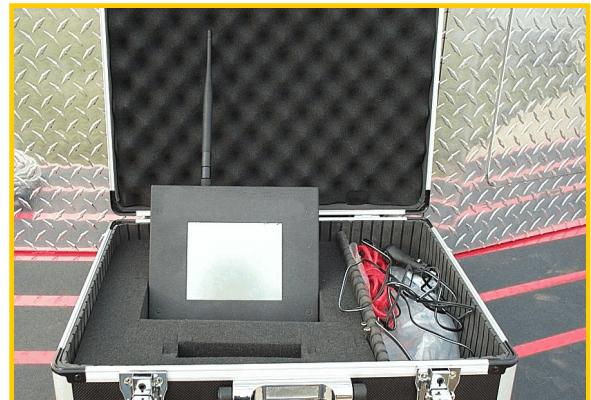
Heavy duty, compact towing package with stylish aluminum deck plate coverings, full width bumper with LED lighting, and integral steps.



8" x 3" x 1/4" thk tubular frame with integral drop tongue and 30,000 lb adjustable pintle hitch.



Rubber mounted PAUs for reduced frame stress.



Wireless handheld controller with touch screen.



Curbside mounted control panel with locked door.



Street side mounted accessory compartment with air compressor, air hose reel, LED trouble-light reel and 110V GFI outlet.

TD3000

Tow Dynamometer

Power Absorber Units (PAUs)

Model Frenelsa F16-GR EL
Voltage 192 V
Max. Resistance (each) 8.8 Ohms
Max. Current (each) 22 A
Rotor Inertia (each) . . 89.98 lbf²
Total Weight (each) . . . 893 lbs
Max. RPMs 3,600 rpm
Quantity 2 units.
Max. Total Retardation
Inter. (<5 min) 800 hp
Steady (<30 min) 300 hp

Generator

Manufacturer EPS
Model 10020CENC
Engine Mfg Kubota
Model V2203BG
No. of cylinders 4
HP @ 1800 rpm 30.6
Generator Mfg Marathon
Model 334CSB3028
KW Cont. (1.0PF) 17.5
KW Stand-by 1.0PF) 20.0
Volts 120/240
Amps Cont 146/73
Weight 925 lbs

Controller

Manufacturer Dynamotive
Model WX Controller
PAU control IGBT
Handheld . . . Bluetooth wireless
Touch screen
Features Remote Gen Start
Strobe light activation
Automatic axle cooler control

Axles

Manufacturer Meritor
Model Front tandem drive
Ratios 4.88
Max. Speed
4.88:1 75 mph
Tone Ring 100 teeth

Suspension

Manufacturer Ridewell Corp
Model 2270014
Style 4 air spring
Parallelogram Linkage
Anti-dive design
Air Compressor HD 12v

Brakes

Type 2-wheel hydraulic disc
Activation Elec/Hydraulic Controller

Tires/Wheels

Wheels . . . 8.25 x 22.5 steel disc
Tire
Type All Position Drive
Size 275/80R 22.5
Rolling Diameter 37.4"

Frame

Type Welded Tubular Construction
3" x 8" x 0.25" thk Rails
3" x 8" x 0.25" thk. crossmembers
3" x 8" x 0.25 thk. Bumper
Integrated drop tongue
30,000 lb adjustable pintle ring

Electrical

System 12V
Alternator 40A Leece Neville
Starter 12V Delco
Battery . . . Single 770CCA/120RC
Trailer Connector . . 7 pin RV style
Lights 4 LED rear turn/stop lamps
4 rear backup lamps
2 LED rear strobe lamps
2 side running lamps
Operator panel Curb side
w/ keyed lock door

Dimensions

Overall length 16' 9" (5.1m)
Overall tire width . . . 8' ½" (2.5m)
Overall height 8' 5 ½" (2.2m)

Capacities

Fuel tank - gal(l) 80 (265)
Water Ballast - gal(l)(optional)
250 (946)

Weight

Weight - base trailer
At axles 7,400 lb
At tongue 920 lb
Total Weight 8,320 lb

Standard Equipment

Axle oil cooling pump and temp
controlled electric fan cooler.
Duplex 110V/20A outlet
Air system pressure gauge
Custom Imron paint finish
Convenient service area
Walk platform grip tread and grab
handles.
Lift and transport D-rings

Optional Equipment

Axle lock out hubs
Aluminum equipment storage box

Note: Custom Chassis, Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change.

TD6000 Tow Dynamometer

Selected Features:



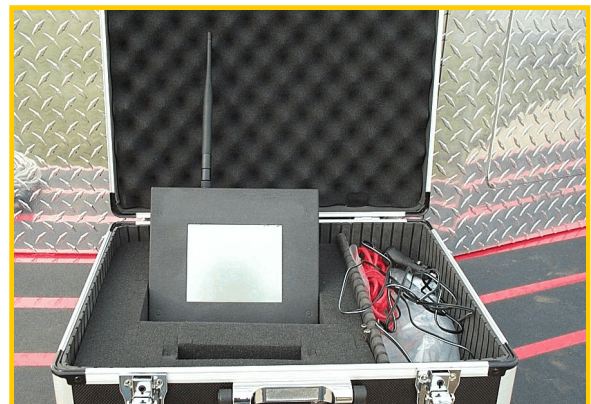
Heavy duty, compact towing package with stylish aluminum deck plate coverings, full width bumper with LED lighting, and integral steps.



8' x 3' x 1/4" thk tubular frame with integral drop tongue and 30,000 lb adjustable pintle hitch.



Rubber mounted PAUs for reduced frame stress.



Wireless handheld controller with touch screen.



Curbside mounted control panel with locked door.



Street side mounted accessory compartment with air compressor, air hose reel, LED trouble-light reel and 110V GFI outlet.

TD6000

Tow Dynamometer

Power Absorber Units (PAUs)

Model Frenelsa F16-GR EL
Voltage 192 V
Max. Resistance (each) 8.8 Ohms
Max. Current (each) 22 A
Rotor Inertia (each) . . 89.98 lbf²
Total Weight (each) . . . 893 lbs
Max. RPMs 3,600 rpm
Quantity 4 units.
Max. Total Retardation
Inter. (<5 min) 1600 hp
Steady (<30 min) 600 hp

Generator

Manufacturer EPS
Model 10020CENC
Engine Mfg Kubota
Model V2203BG
No. of cylinders 4
HP @ 1800 rpm 30.6
Generator Mfg Marathon
Model 334CSB3028
KW Cont. (1.0PF) 17.5
KW Stand-by 1.0PF) 20.0
Volts 120/240
Amps Cont 146/73
Weight 925 lbs

Controller

Manufacturer Dynamotive
Model WX Controller
PAU control IGBT
Handheld . . . Bluetooth wireless
Touch screen
Features Remote Gen Start
Strobe light activation
Automatic axle cooler control

Axles

Manufacturer Dana
Model 22221T
Ratios 4.88/6.65
Max. Speed
4.88:1 75 mph
6.65:1 35 mph
Shifter Electric two speed
Tone Ring 100 teeth

Suspension

Manufacturer Ridewell Corp
Model 2270014
Style 4 air spring
Parallelogram Linkage
Anti-dive design
Air Compressor . . Oil-less Electric

Brakes

Type 4-wheel hydraulic disc
Activation Elec/Hydraulic Controller

Tires/Wheels

Wheels . . . 8.25 x 22.5 steel disc
Tire
Type Rear Drive
Size 11R22.5
Rolling Diameter 38.8"

Frame

Type Welded Tubular Construction
3" x 8" x 0.25" thk Rails
3" x 8" x 0.25" thk. crossmembers
3" x 8" x 0.25 thk. Bumper
Integrated drop tongue
30,000 lb adjustable pintle ring

Electrical

System 12V
Alternator 40A Leece Neville
Starter 12V Delco
Battery . . . Single 770CCA/120RC
Trailer Connector . 7 pin RV style
Lights 4 LED rear turn/stop lamps
4 rear backup lamps
2 LED rear strobe lamps
6 side running lamps
Operator panel Curb side
w/ keyed lock door

Dimensions

Overall length 23' 7" (7.2m)
Overall tire width . . . 8' ½" (2.5m)
Overall height 8' 5 ½" (2.2m)
Wheelbase 52" (1.3m)

Capacities

Fuel tank - gal(l) 70 (265)
Water Ballast - gal(l)
3 x 250 (3x946)

Weight

Weight - base trailer
At axles . . 14,980 lb (6,795 kg)
At tongue 460 lb (209 kg)
Total weight 15,440 lb (7,004 kg)
Weight - with ballast
At axles . . 21,238 lb (9,634 kg)
At tongue 460 lb (209 kg)
Total weight 21,698 lb (9,842)

Standard Equipment

Axle oil cooling pumps and temp
controlled electric fan cooler.
Duplex 110V/20A outlet
Air system pressure gauge
Custom Imron paint finish
Convenient service area
Walk platform grip tread and grab
handles.
Lift and transport D-rings

Optional Equipment

Axle lock out hubs
Aluminum equipment storage box

Note: Custom Chassis, Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change.