



Ring Power Corporation
500 World Commerce Parkway
St. Augustine, FL 32092

Prepared For:
Florida Sheriff's Association

8/12/2020

Item #451: (1) NEW TOWMASTER T-70HT TRAILER

CONTRACT DETAILS

Florida Sheriff's Association
Bid # FSA20-EQU18.0
Item #451: Group: TRAILER: Hydraulic Tail Trailer - 70,000 LB
Contract Dates: October 1, 2020 through September 30, 2023

BID SPECIFICATION:

DIMENSIONS: Deck width – 8' 6"; Overall length – 48'; Deck length – 25'; Hydraulic tail – 12' (8' with 4' fold under); GVWR – 70,000 LBS. FRAME: Cambered "I" beam main frame; 49" Kingpin height; 16" Kingpin setting; 82" Swing clearance; 8' Upper deck length. DECK: 1 1/2" Apitone or oak decking; 1/4" Floor plate over wheels; Traction plate on hydraulic tail. HYDRAULIC TAIL: 8' Main tail; 4'-Fold under tail; Hydraulic actuated with tail lock; 14-degree load angle. LANDING GEAR: Pin drop type or 2 speed type. AXLES/SUSPENSION/TIRES: 2 – 22,500 LB axles; Oil seal hubs; 6.5 x 17.5 steel wheels; 235/75R x 17.5 radial tires; Air brakes with automatic slack adjusters; ABS brake system; Air ride suspension with auto and manual controls. LIGHTING: LED lighting; Wiring in conduit; Mid turn signals; Lighting as per DOT regulations. MISCELLANEOUS EQUIPMENT: 12,000 LB hydraulic winch mounted on upper deck over kingpin. Wireless control; Toolbox on upper deck; Hydraulic tail controls both sides; Air ride controls with dump valve.

BASE MACHINE

MODEL	T-70HT 48"
HITCH	RIGID GOOSENECK 8' FLAT, 10' TO BOTTOM
DECK	OF SLOPE 50" PIN, 86" STEEL DIAMOND PLATE DECK
HYDRAULICS	12K HYDRAULIC WINCH W/CABLE
HYDRAULICS	DUAL HYDRAULIC CONTROLS
JACK	(2) 25,000 LBS 2 SPEED PARK JACKS
LIGHTS	LED LIGHTS
WIDTH	102" OVERALL WIDTH
HEIGHT	39" EMPTY DECK HEIGHT
LENGTH	48' DECK LENGTH
DECK	1 1/2" OAK DECKING
DECK	STAR TRACTION OVER WOOD ON MAIN HYD TAIL

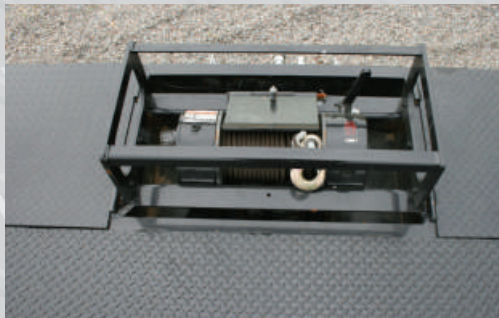
DECK	STAR TRACTION OVER STEEL ON FOLD UNDER SEC. ONLY
AXLES	(2) 25k OIL BATH, AIR RIDE, 49" SPREAD, WITH PRESSURE GUAGE & DUMP VALVE
BRAKES	AIR BRAKES 2S/1M ABS
TIRES	(8) 245/75R X 17.5, H
WHEELS	(8), (8) BOLT, OUTBOARD, HUB PILOTED, STEEL
TIE DOWNS	TIE DOWNS EVERY 48", STAKE POCKETS
RAMP	8' HYDRAULIC TAIL WITH 4' FLIP UNDER APPROACH
SIGNALS	MID-SHIP TURN SIGNALS
PLUG	7 POLE ROUND RV ELECTRIC PLUG
COLOR	TRAILER COLOR: BLACK

Ring Power Corporation

T-70HT / T-80HT / T-110HT



Hydraulic Tail trailers by Towmaster[®] are designed for the rental and construction industries. They feature a perimeter frame design, a fifth-wheel gooseneck with top deck, hydraulic folding tail, and 12,000 lb. winch. LED lights, oak wood deck, hi-tensile fabricated steel beam frame, dual parking jacks, and driver side controls are also standard. Several configurations and options are available.



12K hydraulic winch with cable is standard. It is positioned at the front of the 10-foot upper deck of the HT trailer.



Hydraulic tail creates a low load angle and easy approach. Rear tail section folds under when in transport position.



Easily haul several types of equipment with the HT trailer by Towmaster.

Quick Specs:

- 39" deck height (empty)
- 8'-6" deck width
- 43' to 48' overall length
- 10' top deck
- Air suspension and brakes
- Dump valve and pressure gauge
- 12K hydraulic winch/cable
- Hydraulic fold-under tail
- Grommet mounted LED lights



Photos may show optional equipment.

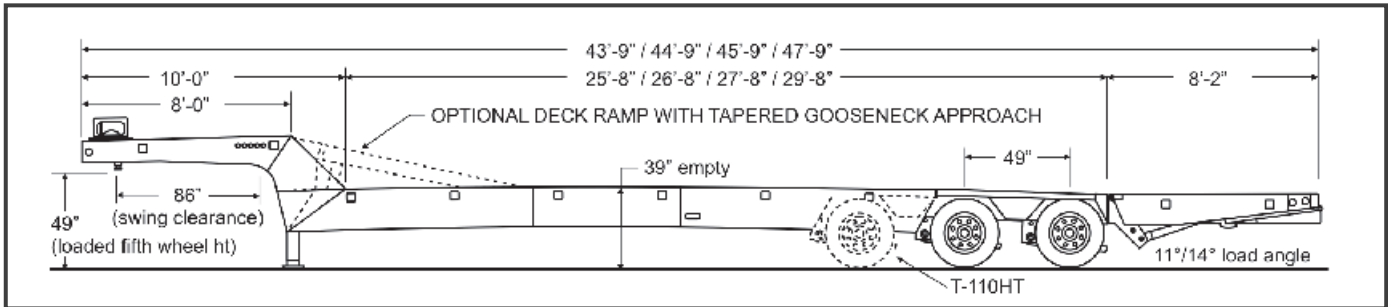
AMERICA'S BEST BUILT TRAILERS FOR PROFESSIONAL HAULERS



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MORE MODELS • MORE OPTIONS • MORE CHOICES
DROP-DECK • TILT BED • DECK-OVER • GOOSENECK • LOWBOY • HYDRAULIC TAIL



CAPACITY / DIMENSIONS	SPECIFICATIONS			
	S=Standard O=Optional			
	T-70HT	T-80HT	T-110HT	
Capacity Rating (lbs/kg)	70,000 / 31,751	80,000 / 39,916	110,000 / 49,895	
GVWR (lbs/kg)	87,400 / 39,643	97,800 / 44,179	129,525 / 58,752	
GAWR (lbs/kg)	45,400 / 20,593	45,400 / 20,593	68,100 / 30,890	
Approx. Weight (lbs/kg)	17,400 / 7892	17,400 / 7892	19,525 / 8856	
Overall Length (ft-in/mm)	See drawing	See drawing	See drawing	
Deck Height (empty)(in/mm)	39 / 991	39 / 991	39 / 991	
Deck Length (ft-in/mm)	See drawing	See drawing	See drawing	
Overall Width (ft-in/mm)	8-6 / 2591	8-6 / 2591	8-6 / 2591	
GOOSENECK				
Gooseneck Type	Tapered	Tapered	Tapered	
Top Deck Length (ft-in/mm)	10-0 / 3048	10-0 / 3048	10-0 / 3048	
Swing Clearance (in/mm)	86 / 2184	86 / 2184	86 / 2184	
Truck Height (in/mm)	49 / 1245	49 / 1245	49 / 1245	
(2) Bolt-on Telescoping Parking Jacks	25K	25K	25K	
12K Hydraulic Winch with cable	S	S	S	
FRAME / RAMPS				
Main Beam	Mfg. Cambered	Mfg. Cambered	Mfg. Cambered	
Crossmembers	8" I-beam	8" I-beam	8" I-beam	
Crossmember Spacing (in/mm)	12 / 305	12 / 305	12 / 305	
Deck Material	Nom 2" Angelim Pedra	Nom 2" Angelim Pedra	Nom 2" Angelim Pedra	
6' Hyd. Deck Ramp w/Tapered Gooseneck Approach	O	O	O	
8' Hyd. Deck Ramp w/Tapered Gooseneck Approach	O	O	O	
Tie Downs (4'-0" centers) (total/Side)	Stake Pockets	Stake Pockets	Stake Pockets	
Hyd. Tail (ft-in x in/mm)	12-0" / 3658	12-0" / 3658	12-0" / 3658	
SUSPENSION / TIRES				
Suspension	Air	Air	Air	
No. of Axles	2	2	3	
Axle Capacity (each) (lbs/kg)	22,500 / 10,206	22,500 / 10,206	22,500 / 10,206	
Axle Spread (in/mm)	49 / 1245	49 / 1245	49 / 1245	
Hubs	Oil Bath	Oil Bath	Oil Bath	
Brake Size (in/mm)	12.25x7.5 / 311x191	12.25x7.5 / 311x191	12.25x7.5 / 311x191	
Air Brakes (Full ABS Modulated, Park Brake All Axles)	S	S	S	
Hub Piloted Budd-type Wheels (in/mm)	17.5x6.75 / 445x171	17.5x6.75 / 445x171	17.5x6.75 / 445x171	
Wheel Bolt Pattern	8-bolt	8-bolt	8-bolt	
Tires / Load Range Rating	235/75R17.5 / H	235/75R17.5 / H	235/75R17.5 / H	

STANDARD EQUIPMENT

- S.A.E. King Pin
- 7-pole round electrical plug
- Weather resistant sealed modular wiring
- Grommet mounted LED lights
- Registration holder
- Rust inhibiting primer
- Durable, rust inhibiting top coat
- Die-cut UV resistant vinyl decals
- D.O.T. approved conspicuity tape
- Mud flaps
- Adjustable ramp width spacing
- Trailer color: Equipment black

OPTIONAL EQUIPMENT

- Deck ramp with tapered gooseneck
- 20K winch
- Remote control
- Self-contained hydraulic unit
- Dual hydraulic controls
- 2-speed 25K parking jacks
- Additional deck length
- Several deck traction options
- Several tie-down options
- Aluminum wheel options
- Spare tire and wheel mount
- Spare tire and wheel
- Light options
- Color options: Construction Yellow, Equipment Red, Blue, Charcoal



Other options may be available. Ask your dealer or visit our website.

*Payload capacity is calculated by taking the GVWR and subtracting the trailer weight.
Listed GVWR, weights, and dimensions are for reference only. Manufacturer reserves the right to change models and specifications as they see fit. See our web site or your local authorized dealer for more information.

MONROE TOWMASTER, LLC., LITCHFIELD, MINNESOTA, USA.

towmaster.com
800-462-4517
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TOWMASTER WARRANTY SUMMARY
(FULL AND CURRENT TEXT AVAILABLE AT TOWMASTER.COM)

This warranty effective on trailers manufactured after 01/01/2009.

Towmaster, Inc. (herein referred to as Towmaster) offers this extensive warranty to the original purchaser of our trailers. Warranty starts from the date of sale as long we receive the filled-out warranty card. If we do not receive the warranty card, warranty starts from the ship date of the unit.

LIMITED LIFETIME FRAME WARRANTY

Towmaster warrants the trailer main frame (frame, cross members, gussets, beavertail, and tongue or gooseneck) for the lifetime of the trailer to the original licensed owner to be free from defects in material and workmanship. This LIFETIME WARRANTY does not cover the hitch (ball, pintle, and gooseneck fifth wheel), tires, wheels, axles, suspension, ramps, paint, lights, wiring, wood, d-rings or any other features or options outside the scope of the trailer main frame weldment. Limited Lifetime is determined by the following criteria: The life expectancy of the trailer which is determined to be 10 years on tag trailers 50,000 lb. capacity and lower, or 5 years on king-pin trailers 50,000 lb. capacity and up, or 5 years on dump trailers, 1 year full warranty on small economy series trailers, to the original owner and is non-transferrable, limited to the first accident or overloading. This warranty also does not cover:

1. Products which have been operated in excess of rated capacities
2. Misuse, abuse or accidents
3. Vehicles which have been altered, modified or repaired in any manner not authorized by our company

TEN-YEAR WARRANTY

Each Dexter Torflex Axle carries a limited 10-YEAR WARRANTY on the suspension to be free from defect in material and workmanship. Warranty is limited to Dexter warranty policy.

FIVE-YEAR LIMITED WARRANTY

Depending upon which suspension is used, it may carry a limited 5-YEAR WARRANTY by its manufacturer.

FULL ONE-YEAR WARRANTY

Towmaster warrants each new product manufactured by us to be free from defects in material and workmanship for a period of one year from date of delivery to the original purchaser except as noted below.

This one-year warranty covers the entire trailer against material and workmanship except as noted:

1. New products which have been operated in excess of rated capacities
2. Misuse, abuse or accidents
3. Items that have been pinched (air or hydraulic hose)
4. Vehicles which have been altered, modified or repaired in any manner not authorized by our company
5. Second-hand or used vehicles
6. Wear items such as tires, battery, suspension, bearings, parking jacks
7. Products that have not been properly maintained (by the dealer or consumer)

In no way shall the manufacturer be held liable for consequential damages such as rentals of substitute vehicles, loss of profits, downtime, or other commercial losses. This warranty does not cover shipment of trailer or parts to dealer or manufacturer, or return shipment of trailer or parts to dealer or consumer from factory.

PAINT WARRANTY

Towmaster warrants its paint and process against peeling or delamination of topcoat and or other layers of paint cracking due to failure of the product and excessive hazing for a period of three years. From date of manufacture. This warranty is limited to the original paint from the factory and excludes paint that has been chipped, scuffed, scratched, or otherwise damaged in normal use inclement weather, improper care, or paint on trailers that have been abused or in an accident. Towmaster's liability is limited to the repair of the affected area and cover labor and material only at an authorized repair service.

TIRE / BATTERY WARRANTY

New vehicle tires are warranted by their respective manufacturers and are prorated. Battery is warranted by Towmaster and is prorated.

TOWMASTER'S OBLIGATION

Our obligation under this warranty is to repair or replace, at no cost to the end user, any warrantable part proven defective within the time limit of this warranty at our factory or at an Authorized Towmaster Dealer. Towmaster will handle disposition of warranties on all other purchased components such as axles, suspensions, wheels, batteries, parking jacks and other purchased parts in conjunction with their respective manufacturers, and under the terms of their respective warranty policies.

We must receive immediate notification of a defect and no allowance will be made for repairs without our prior consent or approval. Manufacturer does not pre-authorize any dealership for warranty work. The dealer must call our warranty service department to receive an authorization number. If the work performed is not preauthorized with a claim number, it may be deemed void. Defective parts must be returned within twenty days of receipt of replacement parts or credit may not be given for the replacement parts and an invoice may be issued.

This warranty is in lieu of all other warranties, expressed or implied by law or otherwise, and there is no warranty of merchantability or fitness of purpose. Federal regulations require motor vehicle manufacturers to maintain a record of original owners of their equipment. Our warranty registration fulfills this requirement. Please make every effort to complete the warranty card document and send it in. This warranty written under the laws of Minnesota, USA and some provisions in this warranty may be adjusted according to your local state, province or country's laws. Complete warranty details and changes can be read on our web site, www.towmaster.com.

CUSTOMER REGISTRATION REQUIRED

Federal regulations require motor vehicle manufacturers to maintain a record of original owners of their equipment. Our warranty registration fulfills this requirement. Please make every effort to complete this document and send it in.

Manufacturer reserves the right to modify, without notice, specific designs and specifications as deemed advisable on the trailers described herein without obligation in regards to trailers previously sold. The manufacturer also reserves the right to discontinue any model or models without

obligation in regards to trailers previously sold. Written warranty covers each trailer. No other warranty expressed or implied is made. Tire and brake warranty through original manufacturer. All dimensions approximate.