

DECK-OVER TILT TRAILERS

Industrial Deck-Over Air Tilts • Industrial Deck-Over Tilts



FT-20-2 T
w/opt. Stationary Platform
68778LAE



FT-50-3 TA
w/opt. Air Ramps
34629

A 7° Load Angle Makes Loading
Low Clearance Equipment Like
Scissor Lifts, Pavers & Rollers
An Easy and Quick Job.



The **FELLING** Style
Quality ~ Craftsmanship ~ Pride



DOT-103

Since 1974

Air Tilt Deck-Over Series (TA)

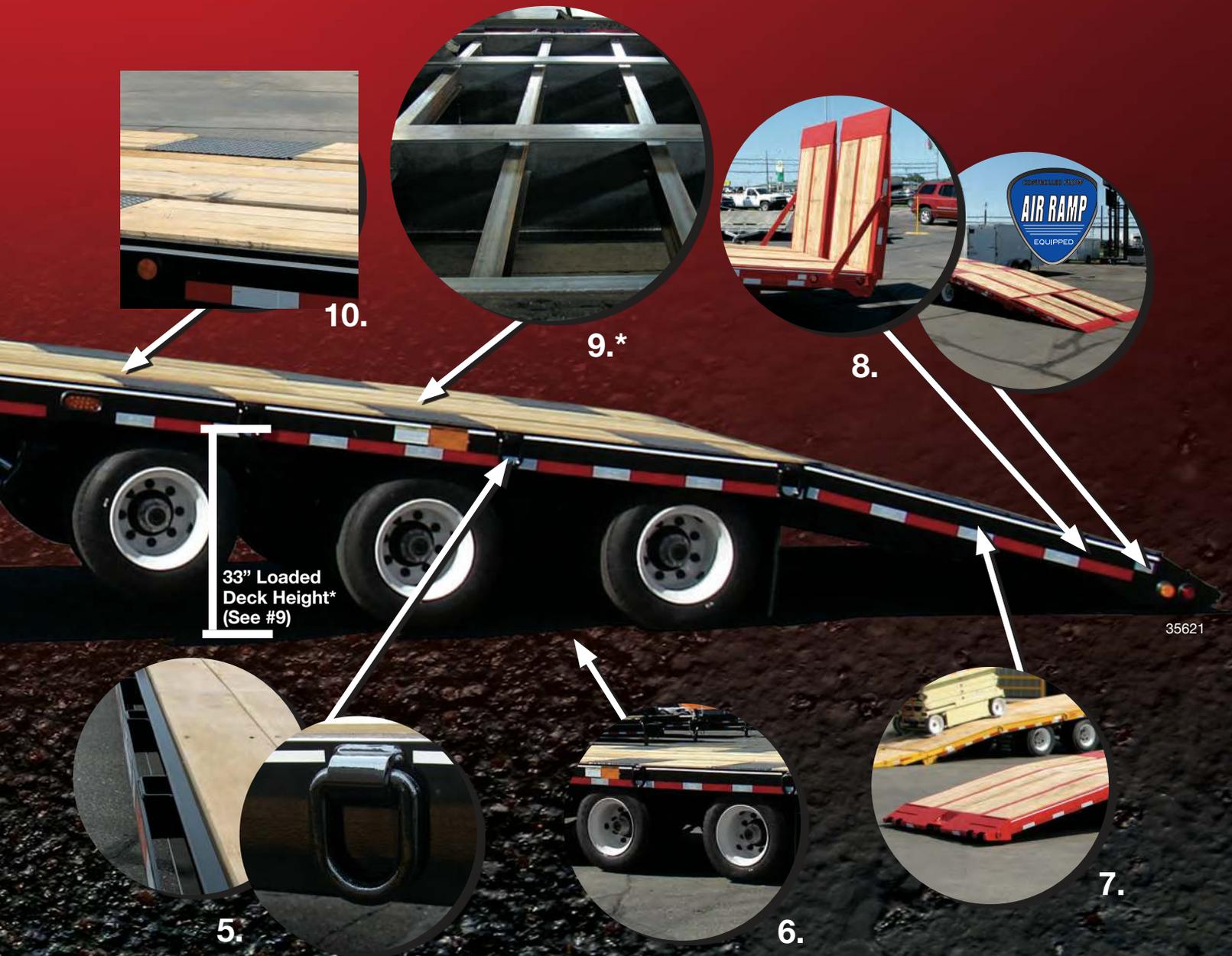
Felling's unique Air Tilt design utilizes air, powered from the tow vehicle, to tilt the trailer and optional ramps. The air power from the tow vehicle fills two air bags, which smoothly raise and lower the tilt bed. This model line has been touted to have the "Towability of a TAG trailer with the versatility of a tilt." The superior towing capability and balance are achieved with precise axle placement. These models are a great fit for transporting low-clearance equipment such as pavers, scissor lifts, for lifts and more with its' low clearance loading angle. Each trailer is constructed with fabricated/engineered main frame beams. The web and flange of each beam are laser cut, in-house, then fused together on producing a clean, consistent quality weld and proper camber of each beam. The main frame beam is pierced precisely for the I-Beam crossmembers to be inserted through the main beams, thus producing the lower deck height. Available in load capacities ranging from 20,000 lbs. to 50,000 lbs.

- **AIR POWERED**
- **NO HYDRAULICS**
- **LOW MAINTENANCE**
- **LOW LOAD ANGLE**



STANDARD FEATURES (20,000 lb. to 50,000 lb. capacities)

- 1.) Hitch - Adjustable Lunette Eye standard on all Deck-Over Air Tilt models; shown above
- 2.) Jack - 12,000 lb. Drop-Leg (FT-20-2 TA thru FT-24-2 TA)
25,000 lb. 2-Speed Drop-Leg (FT-30-2 TA thru FT-50-3 TA) shown above
- 3.) Felling Air Lock System - (A & B) Locks tilt bed into transport position
Tilt Deck Controls - (A) Tilt Lock Switch-
Releases deck lock to enable deck to tilt and lock deck into transport position
(A & C) Deck Tilt Switch - (Up) Fill air bags to enable to tilt deck, (Down) Releases the air from air bags so deck floats down to transport position
- 4.) Air Bag Tilt & Load Limit Chains - Air Bag Tilt (Dual Air Bags)
- 5.) Tie Downs - (12) 1" Heavy Duty Straight D-rings FT-20-2 TA thru FT-40-2 TA (1) set centered on beavertail
(14) 1" Heavy Duty Straight D-rings FT-50-3 TA (1) set centered on beavertail



35621

6.) Axles & Suspension - FT-20-2 TA: 10K Dexter Oil Bath w/Spring Suspension
 FT-24-2 TA: 12K Dexter Oil Bath w/Spring Suspension
 FT-30-2 TA: 25K Meritor Oil Bath w/9700 Hutch Suspension (49" Spread)
 FT-40-2 TA: 25K Meritor Oil Bath w/9700 Hutch Suspension (49" Spread)
 FT-45-2 TA: 25K Meritor Oil Bath w/9700 Hutch Suspension (49" Spread)
 FT-50-3 TA: 25K Meritor Oil Bath w/9700 Hutch Suspension (49" Spread)

7.) Beavertail & Lights - 6' wood inlaid white oak with 14" fixed approach ramp
 D.O.T. approved recessed LED lights with sealed wiring harness

8.) Air Ramp (optional) - Air Ramp feature offers a user a 7° load angle

9.) Main Frame - Pierced Frame Construction consisting of 4" Jr. I-Beam crossmembers,
 16" on center, inserted through the fabricated / engineered main frame beams

Deck Height* - 33" loaded deck height
 (Approx. Loaded)

10.) Decking - White Oak 2" nominal with Tread Plate over the wheels, providing additional clearance
 for wheels and tires when the trailer is loaded

Hydraulic Tilt Deck-Over Series (T)

Felling's Deck-Over Tilt line has been designed and engineered for ease in loading/unloading of equipment. No need to deal with cumbersome, heavy ramps, simply tilt the bed, drive your equipment on, lock the deck, secure your equipment and go. Felling offers a multitude of options to ensure that your trailer is built to fit your hauling needs. Available in load capacities ranging from 10,700 lbs. to 50,000 lbs.



STANDARD FEATURES (10,700 lb. to 50,000 lb. capacities)

- 1.) Hitch - Adjustable Lunette Eye standard on all Deck-Over Tilt models
- 2.) Jack & Lockable Toolbox - 12,000 lb. Drop-Leg (FT-14-2 T thru FT-24-2 T)
25,000 lb. 2-Speed Drop-Leg (FT-30-2 T thru FT-50-3 T)
shown above Optional 140,000 lb. Twin 2-Speed Jack
- 3.) Tilt Deck Controls - Variable Flow Control Valve adjusts rate of ascent and decent of deck
Tilt Lock & Deck Tilt Switch (A - Air Brake equipped trailers)
- 4.) Deck Lock System - (A & B) Felling Air Lock System - air brake equipped trailers
(C) Manual Deck Lock - electric brake trailers
- 5.) Hydraulic Cushion Cylinder(s) - (1) 3" x 24" Cylinder on FT-14-2 T thru FT-30-2 T
(1) 4" x 24" Cylinder on FT-40-2 T
(2) 3" x 24" Cylinders on FT-50-3 T (shown above)
- 6.) Tie Downs - Full Length Deck: (8) 1" Heavy Duty D-rings
Stationary Deck: (12) 1" Heavy Duty D-rings (Stake & Strap Optional)

- 7.) Axles/Suspension - FT-14-2 T: 7K Dexter Straight w/Spring Suspension
- FT-16-2 T: 8K Oil Bath Straight w/Spring Suspension
- FT-18-2 T: 9K Dexter Oil Bath w/Spring Suspension
- FT-20-2 T: 10K Dexter Oil Bath w/Spring Suspension
- FT-24-2 T: 12K Dexter Oil Bath w/Spring Suspension
- FT-30-2 T: 15K Dexter Oil Bath w/9700 Hutch Suspension (49" Spread)
- FT-40-2 T: 25K Meritor Oil Bath w/9700 Hutch Suspension (49" Spread)
- FT-50-3 T: 25K Meritor Oil Bath w/9700 Hutch Suspension (49" Spread)

8.) Decking - Full length White Oak - 2" Nominal staggered decking (other optional deck materials available)

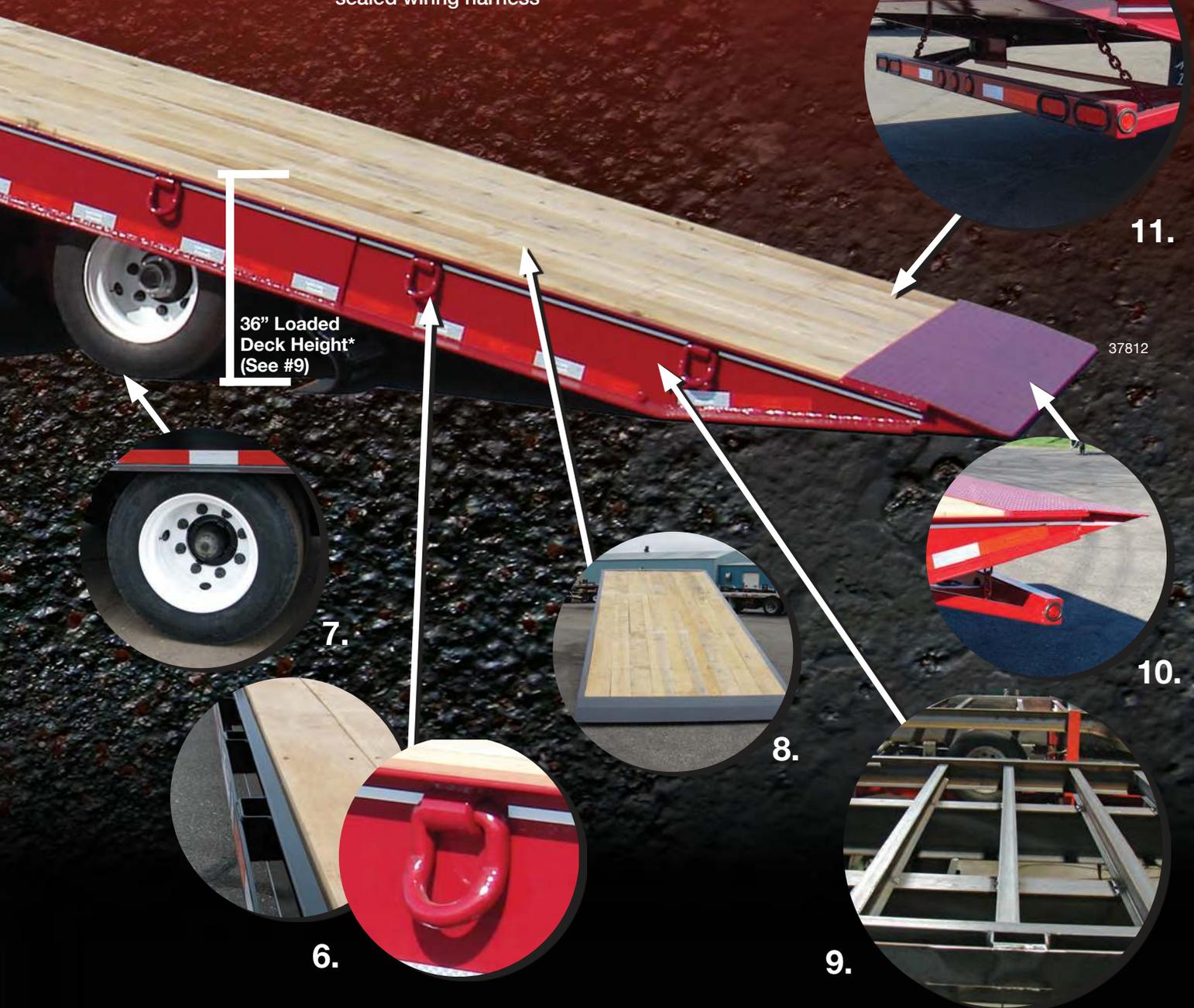
9.) Main Frame - Stacked Frame Construction, 4" Jr. I-beams welded on top of main frame beams (16" to 20" on center)

Deck Height* - 35" loaded deck height on FT-14-2 T thru FT-24-2 T
 (Approx. Loaded) 36" on FT-30-2 T thru FT-50-3 T

Reinforced Side Rails - FT-14-2 T - 8" Side Channel
 FT-16-2 T thru FT-30-2 T - 10" Side Channel
 FT-40-2 T - 12" Side Channel
 FT-50-3 T - 12" Side Channel

10.) Tail - Standard Knife Edge Approach

11.) ICC Bumper & Lights - D.O.T. approved recessed LED lights with sealed wiring harness



36" Loaded Deck Height*
(See #9)

37812

7.

6.

8.

9.

11.

10.

OPTIONAL FEATURES

CUSTOMIZATION: *Definition* - To modify or build according to individual or personal specifications or preference. Felling Trailers believes that "It's All In The Details" when it comes to building a trailer. We build trailers to accommodate *your* equipment and to suit *your* needs, right down to the last detail. The options and features are limitless...contact Felling Trailers to design the trailer that is right for you.



2 - 5/16" gooseneck coupler hitch



Semi step deck king pin hitch



Deck mounted winch

BEAVERTAIL OPTIONS (TA - AIR TILT MODELS ONLY)



Full wood beavertail



6' beavertail 5" x 3" self-cleaning angle on outer edges with oak center



6' beavertail 5" x 3" self-cleaning angle

RAMP OPTIONS (TA - AIR TILT MODELS ONLY)



Flip over ramps - 24" x 6'



Air Ramps wood inlaid - 6' length, widths: 22", 30", 38", 45"



Angle iron ramps - 22", 30", 38", 45" x 6'

Recessed D-ring

Swivel D-Ring

Rub Rail w/Stake Pockets & Pipe Spools

FELLING LOAD SECUREMENT OPTIONS



THE TRAILER EXPERTS®



Loading lights in safety bulkhead



Air lift axle (requires air ride)



Rubber wheel chocks with storage



140K twin 2-speed jacks w/spare tire



4' mesh headache rack w/spare tire



Bar grate step with pull-out extension



Grouser bars 2' x 10' on outer edge of deck



Grouser bars on knife edge



Angle iron on rear 1/4 of deck

CUSTOM ENGINEERED SOLUTIONS



64634NUU

Custom Hyd. Tilt: 2' stationary deck, oak decking w/angle on last 72", custom beavertail, 4" x 3/8" lip up, yellow paint



33769

Custom Hyd. Tilt: front 3/4 tread plate, rear 1/2 self-cleaning angle w/oak center, 2" x 2" x 3/16" tube rail along deck, yellow paint



36573

Custom Air Tilt: galvanized, sliding 4" belt winch & track for sliding belt winch, grouser bars over wheels

Swing-out Outriggers

Sliding 4" Belt Winch & Track For Sliding Belt Winch

Weld on Winch

C-Hook



Deck-Over Tilts Standard Specifications	Deck Length	Deck Width	Trailer Weight (approx.)	Deck Height (loaded)	Main Frame Tilt Deck Frame	Crossmembers	Wheels & Tires	Load Angle° (approx.)	Jack	GVWR (lbs.)
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Hydraulic Tilt Deck-Over Series (T)

FT-14-2 T	23'	102" OD	5,400 lbs. (2,449 kg.)	35"	10" I-Beam 10" Struct. Chan.	4" Jr. I-Beam 16-18" on center	ST235/80R16 E	12° (based on 24' deck length)	12K	16,100
FT-16-2 T	25'	102" OD	5,600 lbs. (2,540 kg.)	35"	10" I-Beam 10" Struct. Chan.	4" Jr. I-Beam 16-18" on center	215/75R17.5 H	12° (based on 25' deck length)	12K	18,400
FT-20-2 T	25'+4'	102" OD	6,400 lbs. (2,902 kg.)	35"	10" I-Beam 10" Struct. Chan.	4" Jr. I-Beam 16-18" on center	ST235/80R16 E	12° (based on 25' deck length)	12K	25,900
FT-24-2 T	25'+4'	102" OD	7,300 lbs. (3,311 kg.)	35"	10" H-Beam 12" Channel	4" Jr. I-Beam 20" on center	ST235/80R16 E	12° (based on 25' deck length)	12K	31,300
FT-30-2 T	25'+4'	102" OD	8,300 lbs. (3,764 kg.)	36"	10" H-Beam 12" Channel	4" Jr. I-Beam 20" on center	215/75R17.5 H	12° (based on 25' deck length)	25K	38,300
FT-40-2 T*	25'+4'	102" OD	9,200 lbs. (4,173 kg.)	36"	10" H-Beam 12" Channel	4" Jr. I-Beam 18" on center	215/75R17.5 H	12° (based on 25' deck length)	25K	45,520*
FT-50-3 T	25' + 6'	102" OD	11,200 lbs. (5,080 kg.)	36"	14" H-Beam 12" Channel	4" Jr. I-Beam 18" on center	215/75R17.5 H	12° (based on 25' deck length)	25K	61,200

Air Tilt Deck-Over Series (TA)

FT-20-2 TA	30'	102" OD	6,200 lbs. (2,812 kg.)	33"	14" Cambered Fabricated Beam 7" Chan. Side Rails	4" Pierced Jr. I-Beam 16" on center	ST235/80R16 E	7° (w/opt. ramps)	12K	25,900
FT-24-2 TA	30'	102" OD	8,500 lbs. (3,855 kg.)	33"	14" Cambered Fabricated Beam 7" Chan. Side Rails	4" Pierced Jr. I-Beam 16" on center	ST235/80R16 E	7° (w/opt. ramps)	12K	32,500
FT-30-2 TA	30'	102" OD	9,200 lbs. (4,173 kg.)	33"	14" Cambered Fabricated Beam 7" Chan. Side Rails	4" Pierced Jr. I-Beam 16" on center	215/75R17.5 H	7° (w/opt. ramps)	25K	39,200
FT-40-2 TA	30'	102" OD	9,200 lbs. (4,173 kg.)	33"	14" Cambered Fabricated Beam 7" Chan. Side Rails	4" Pierced Jr. I-Beam 16" on center	215/75R17.5 H	7° (w/opt. ramps)	25K	45,520*
FT-45-2 TA	30'	102" OD	9,200 lbs. (4,173 kg.)	33"	14" Cambered Fabricated Beam 7" Chan. Side Rails	4" Pierced Jr. I-Beam 16" on center	235/75R17.5 J	7° (w/opt. ramps)	25K	54,200*
FT-50-3 TA	30'	102" OD	11,200 lbs. (5,080 kg.)	33"	14" Cambered Fabricated Beam 8" Chan. Side Rails	4" Pierced Jr. I-Beam 16" on center	215/75R17.5 H	7° (w/opt. ramps)	25K	61,200

Stationary Deck Length: 2' - 6' (available on hydraulic tilt series only)

*GVWR increases to 49,200 lbs. with 235/75R17.5 Tires

Actual load capacities will vary dependent upon deck length, net trailer weight and options.
All specifications are subject to change without notice. Some models may be shown with optional equipment.

To learn more about us, have us mail you a specific brochure, or locate our nearest
Felling Dealer, go to www.felling.com or give us a call at **1-800-245-2809**.

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