DECK-OVER TILT TRAILERS

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

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

SWEEPERLAND.COM
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**
6.) Axles & Suspension - FT-20-2 TA: 10K Dexter Oil Bath (RTAC) w/Spring Suspension  
FT-24-2 TA: 12K Dexter Oil Bath (RTAC) w/Spring Suspension  
FT-30-2 TA: 25K Meritor Oil Bath (RTAC) w/9700 Hutch Suspension (49" Spread)  
FT-40-2 TA: 25K Meritor Oil Bath (RTAC) w/9700 Hutch Suspension (49" Spread)  
FT-50-3 TA: 25K Meritor Oil Bath (RTAC) 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 7º 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
**STANDARD FEATURES  (14,000 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 Platform: (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
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.

OPTIONAL FEATURES

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’

LOAD SECUREMENT OPTIONS

Recessed D-ring
Swivel D-Ring
Rub Rail w/Stake Pockets & Pipe Spools
Swing-out Outriggers

Loading lights in safety bulkhead

Air lift axle (requires air ride)

Rubber wheel chocks with storage

Sliding 4" Belt Winch & Track For Sliding Belt Winch

Weld on Winch

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

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

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

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

64634NUU

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Custom Engineered Solutions

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### Hydraulic Tilt Deck-Over Series

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Width</th>
<th>Weight (lbs.)</th>
<th>Height (loaded)</th>
<th>Main Frame</th>
<th>Crossmembers</th>
<th>Wheels &amp; Tires</th>
<th>Load Angle (approx.)</th>
<th>GVWR (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT-14-2 T</td>
<td>22'</td>
<td>102&quot;</td>
<td>5,400 lbs.</td>
<td>10&quot;</td>
<td>10&quot; I-Beam 16-18&quot;</td>
<td>ST235/80R16 E</td>
<td></td>
<td>12º (based on 24' deck length)</td>
<td>12K</td>
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<tr>
<td>FT-16-2 T</td>
<td>24'</td>
<td>102&quot;</td>
<td>5,600 lbs.</td>
<td>10&quot;</td>
<td>10&quot; I-Beam 16-18&quot;</td>
<td>215/75R17.5 H</td>
<td></td>
<td>12º (based on 24' deck length)</td>
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<tr>
<td>FT-20-2 T</td>
<td>24'</td>
<td>102&quot;</td>
<td>6,400 lbs.</td>
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<tr>
<td>FT-24-2 T</td>
<td>24'</td>
<td>102&quot;</td>
<td>7,300 lbs.</td>
<td>10&quot;</td>
<td>10&quot; H-Beam 12&quot; Channel</td>
<td>ST235/80R16 E</td>
<td></td>
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<tr>
<td>FT-30-2 T</td>
<td>24'</td>
<td>102&quot;</td>
<td>8,300 lbs.</td>
<td>10&quot;</td>
<td>10&quot; H-Beam 12&quot; Channel</td>
<td>215/75R17.5 H</td>
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<td>12º (based on 24' deck length)</td>
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<tr>
<td>FT-40-2 T*</td>
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<td>102&quot;</td>
<td>9,200 lbs.</td>
<td>10&quot;</td>
<td>10&quot; H-Beam 12&quot; Channel</td>
<td>215/75R17.5 H</td>
<td></td>
<td>12º (based on 24' deck length)</td>
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<tr>
<td>FT-50-3 T</td>
<td>24' + 6'</td>
<td>102&quot;</td>
<td>11,200 lbs.</td>
<td>14&quot;</td>
<td>14&quot; H-Beam 12&quot; Channel</td>
<td>215/75R17.5 H</td>
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### Air Tilt Deck-Over Series

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<tr>
<td>FT-20-2 TA</td>
<td>24'</td>
<td>102&quot;</td>
<td>6,200 lbs.</td>
<td>33&quot;</td>
<td>14&quot; Cambered Fabricated Beam 7&quot; Chan. Side Rails</td>
<td>4&quot; Pierced Jr. I-Beam 16&quot; on center</td>
<td>ST235/80R16 E</td>
<td>7º (w/opt. ramps)</td>
<td>12K</td>
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<tr>
<td>FT-24-2 TA</td>
<td>24'</td>
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<td>7,300 lbs.</td>
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<td>14&quot; Cambered Fabricated Beam 7&quot; Chan. Side Rails</td>
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<td>FT-30-2 TA</td>
<td>24'</td>
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<td>8,000 lbs.</td>
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<td>14&quot; Cambered Fabricated Beam 7&quot; Chan. Side Rails</td>
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<td>FT-50-3 TA</td>
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<td>102&quot;</td>
<td>11,200 lbs.</td>
<td>33&quot;</td>
<td>14&quot; Cambered Fabricated Beam 8&quot; Chan. Side Rails</td>
<td>4&quot; Pierced Jr. I-Beam 16&quot; on center</td>
<td>215/75R17.5 H</td>
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Stationary Platform 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.