

# QUICK-START GUIDE\* for STRAWMASTER 7000

\* Refer to operators manual for complete safety and operation info.



**Degelman**

## A Connect Hydraulics

① **AUTO-FOLD LIFT CIRCUIT...Harrow Lift Cylinders**

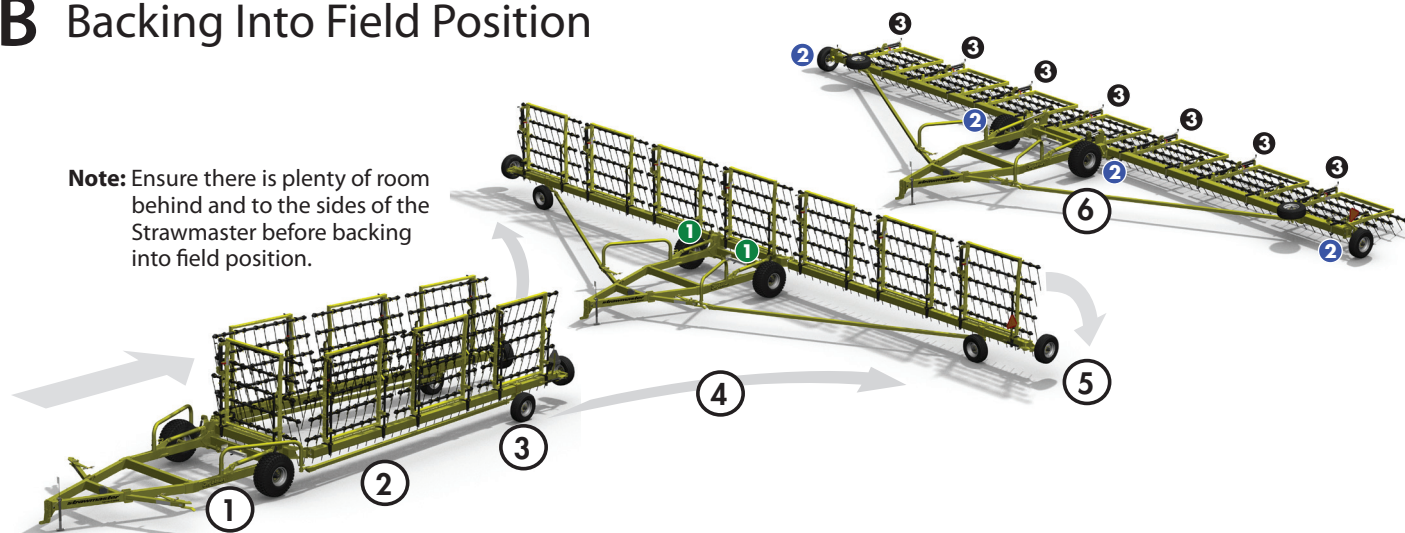
② **HYDRAULIC LIFT CIRCUIT.....(Optional)**

③ **REPHASING TINE ANGLE CIRCUIT....(Optional)**

**Note:** These hydraulic options are not included on all models. Manual adjustment will be required if they are not installed.

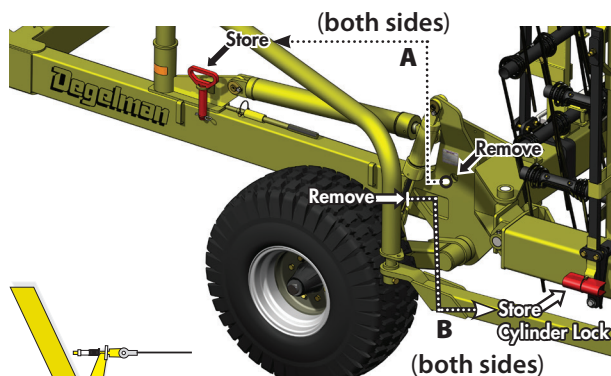
## B Backing Into Field Position

**Note:** Ensure there is plenty of room behind and to the sides of the Strawmaster before backing into field position.



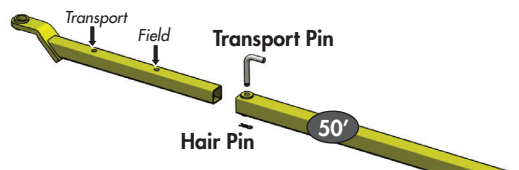
1) Remove Transport Frame Pins (A) and place in holders.

**Note:** Hydraulic models have both frame and cylinder transport pins (B).

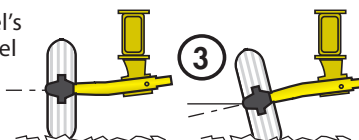


The Auto-Fold Cables should be tight and the latch in the open position.

2) The 50' model has a telescopic truss beam. Move out into field position and secure with pin. All other models have a fixed length truss arm.



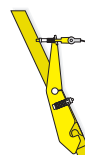
3) Turn the transport wheel's spindle over so the wheel leans out (both sides).



4) Back-up slowly. The wings will open up. Ensure there is lots of room behind and to the sides. Back-up evenly so you don't damage the transport wheels.

**IMPORTANT:** Be sure to backup evenly to avoid serious damage to the transport wheels.

5) With wings fully opened, lower harrow sections to the ground by extending the auto-fold lift cylinders. ①



The Auto-Fold cable will loosen and the auto-fold latch should close on the swing arm pipe.

6) If the auto-fold latch(s) still haven't closed, slowly back up just a bit more. It should then snap shut and be fully engaged.

**ATTENTION:** Before driving forward make sure both latches have fully engaged or serious damage to the machine will result.

### Adjust Settings

7) Adjust settings for light or aggressive harrowing.

8) Adjust Tine Angle as needed.

9) Adjust Height Adjustments as needed.

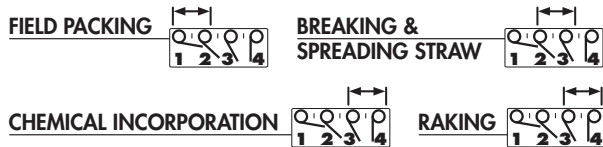
# C Setting Tine Angle, Pressure & Frame

**NOTE:** Strawmaster® can have either manual or hydraulic adjustment. Trailer height & tine angle are set by either ratchet/sidewind jacks or hydraulics.

## Tine Angle Adjustment

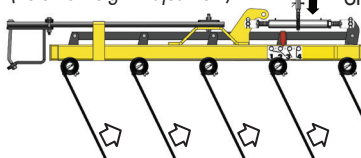
There are no standard angles for running the tines, the operator may adjust the tine angles as needed to achieve desired results.

The following are *suggested* tine angle settings only, adjust as required:



Refer to *Operator's Manual* for more suggested tine angle setting info.

**Note:** Actual settings will vary with tine wear. Ensure trailer and frame are leveled properly. (Refer to Height Adjustment)



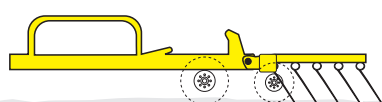
**Manual models** - Use the manual jacks located on each harrow section. Start at one end, set as desired. Set all the other sections to the same setting. (Manual shown)

**Hydraulic models** - Retract rephasing tine angle cylinders to raise tines. Extend cylinders to lower.

**Hydraulic models** - Re-synchronize the tine section cylinders by fully extending the rephasing cylinders and holding for 30 seconds. This should be repeated a few times daily or as needed.

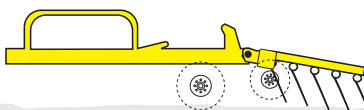
## Trailer Height Adjustment Hydraulic or Manual (with the use of two ratchet jacks, located on trailer wheel arms)

When trailer height is **set correctly**, it will be even with harrows and...



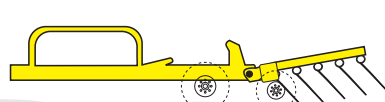
Front & back tines **apply equal** pressure

If trailer is **too high**...



Front tines **not applying** pressure

If trailer is **too low**...



Front tines **applying too much** pressure

To manually adjust trailer height:

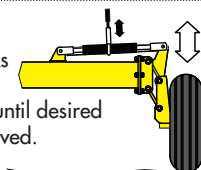
- Begin with the machine in field position. Make sure the tine angle has been set (if necessary).
- Using the ratchet jack handle for adjustment, adjust ratchet jacks evenly until tines are set to the desired height.
- When adjustments are complete, check that the trailer frame is parallel to the ground.
- If not, adjust clevis height and re-check. Repeat if necessary.

## Wing Beam Height Adjustment

- The Wing beams and Center beam should be at the same height, parallel to the ground.
- Adjust the wing beam height when the tine angles are adjusted, the trailer height is adjusted, or as the tines wear down.

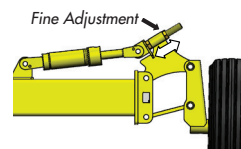
**Manual models:**

Use the manual jacks to raise or lower the wing beam section until desired height/level is achieved.



**Hydraulic models:**

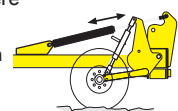
Adjust the fine adjustment rod located on the top of the endwheel linkage until desired height/level is achieved.



## Remember When Operating:

- Straw should be dry.
- A speed of 8 to 12 MPH (12 to 16 KPH) is suggested to efficiently shatter and spread straw and residue.

- The harrow sections can be set in float position, where the section drags the ground under its own weight.
- If machine leaves clumps of straw, apply slight down pressure by extending hydraulic lift cylinders.



## Maintenance

(Check Machine Daily)

- Check for missing, worn or damaged parts.
- Working points & pins
- Hydraulic Connections & Hoses
- Hubs & Spindles

\* Refer to operators manual for complete safety and operation info.

# D Moving Into Transport Position

- 1) Turn the transport wheel's spindle over so the rear transport tires will be completely upright (**both sides**).
- 2) Operate the lift hydraulics ① to fully raise the harrow sections.
- 3) Carefully drive forward. The wing beams should fold back into transport position.
- 4) Install the frame transport pins (both sides). On hydraulic models, also install the cylinder transport pins (both sides).
- 5) On the 50' model with a telescopic truss beam, shorten length into transport position and secure with pin.
- 6) Ensure SMV sign and reflectors are clean and lights are working. Follow all local transport laws when transporting.

