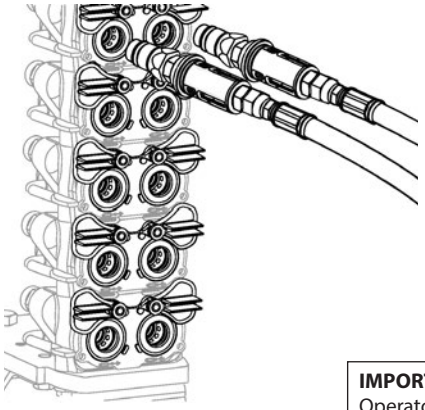
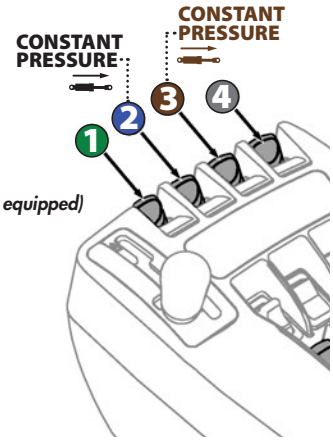
QUICK-START GUIDE*
for **HDSR 930-1520**
(Models with serial number HDSR00033 and up)

Degelman

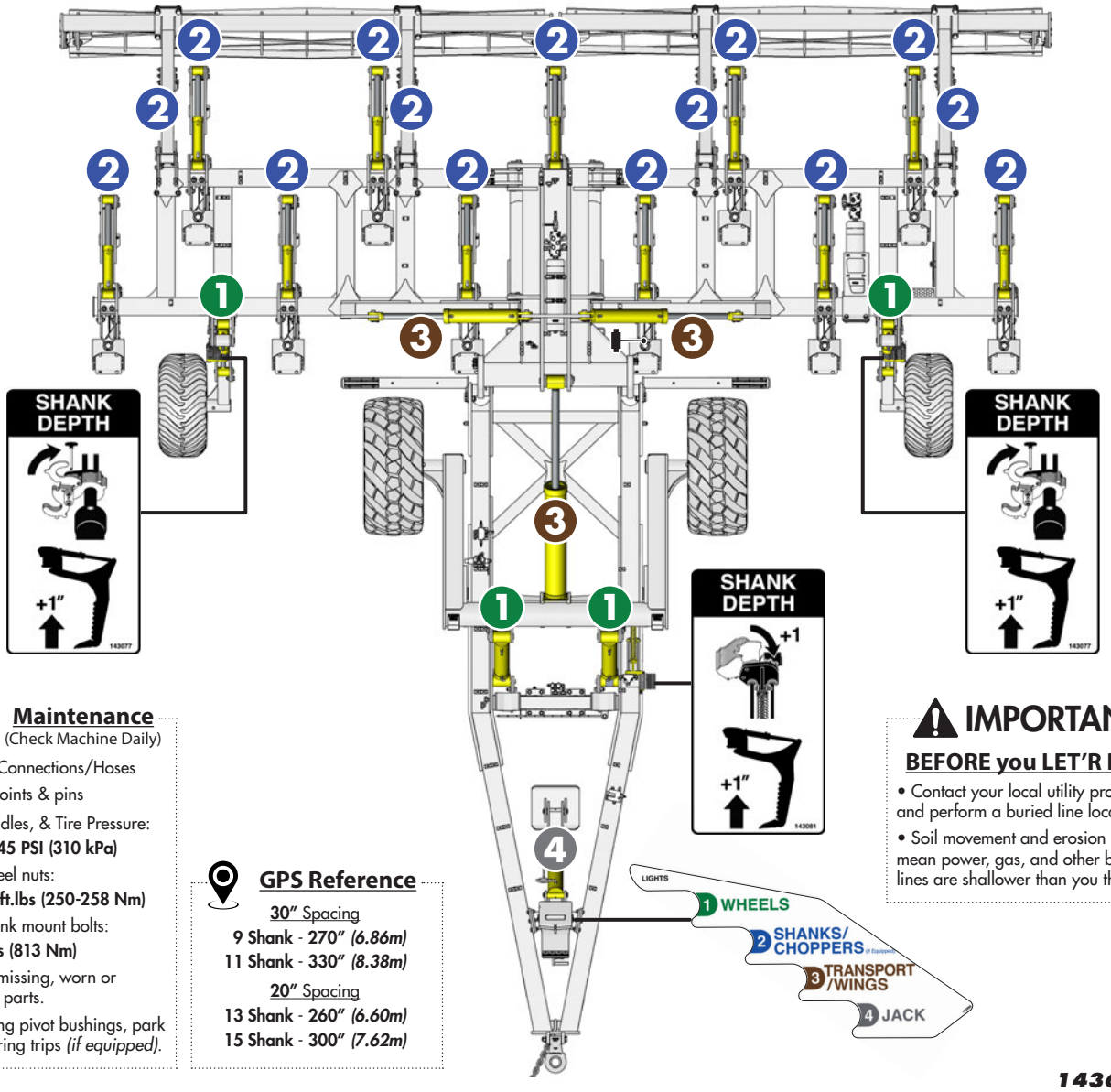
A Connect Hydraulics



1. **WHEELS**
2. **SHANKS/CHOPPERS** *(If equipped)*
3. **TRANSPORT/WINGS**
4. **JACK**



IMPORTANT: The ***Shank Circuit*** includes a ***Pressure Reducing Valve.*** Operator must engage shank circuit hydraulics **constantly** in the extended direction to ensure constant shank pressure. Adjust shank circuit and transport circuit flow down to 20-30% to reduce heat build-up. (2)



Maintenance
(Check Machine Daily)

- Hydraulic Connections/Hoses
- Working points & pins
- Hubs, Spindles, & Tire Pressure:
  - Wheels: **45 PSI (310 kPa)**
- Torque wheel nuts:
  - **185-190 ft.lbs (250-258 Nm)**
- Torque shank mount bolts:
  - **600 ft.lbs (813 Nm)**
- Check for missing, worn or damaged parts.
- Grease wing pivot bushings, park jack & spring trips *(if equipped).*

GPS Reference

30" Spacing
9 Shank - 270" *(6.86m)*
11 Shank - 330" *(8.38m)*

20" Spacing
13 Shank - 260" *(6.60m)*
15 Shank - 300" *(7.62m)*

IMPORTANT

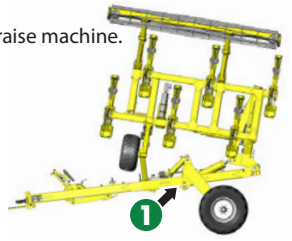
BEFORE you LET'R RIP:

- Contact your local utility providers and perform a buried line locate.
- Soil movement and erosion can mean power, gas, and other buried lines are shallower than you think!

B Convert to Field Position

i) Adjust clevis height for tractor. Machine frame should be level when in lowest transport position.

ii) **Fully** extend wheel cylinders ❶ to raise machine.

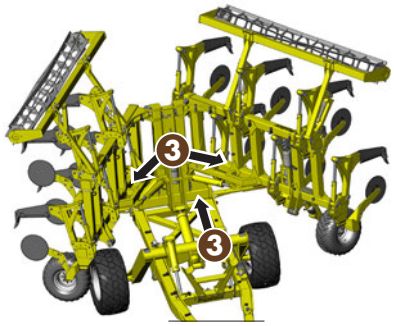


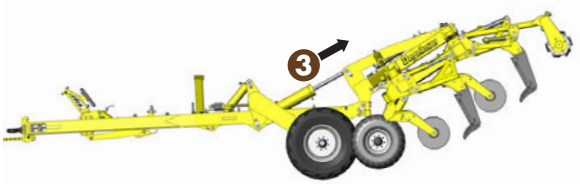
iii) Extend wing and transport cylinders ❸ to unfold.

⚠ IMPORTANT

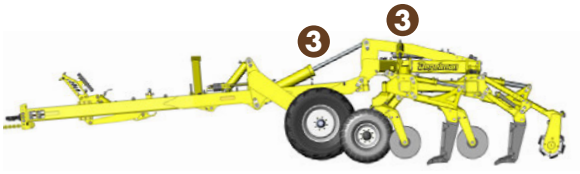
NEVER UNFOLD WINGS WITHOUT FULLY EXTENDING WHEEL CYLINDERS!

- If the **Transport Cylinder** starts to extend *before* the **Wing Cylinders**, **STOP** the unfolding process and consult the troubleshooting section.

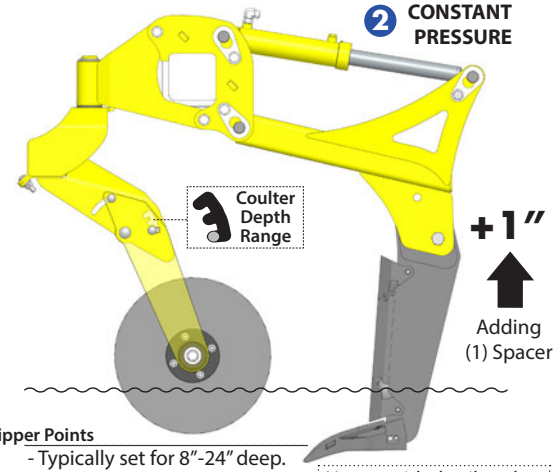




iv) For best results, keep machine level. Activate wing remote ❸ in ***constant pressure*** while machine is working in field.



v) **IMPORTANT**: Ensure Shank circuit ❷ is set to ***constant pressure*** in the extended direction. *(If hydraulic shank equipped.)*

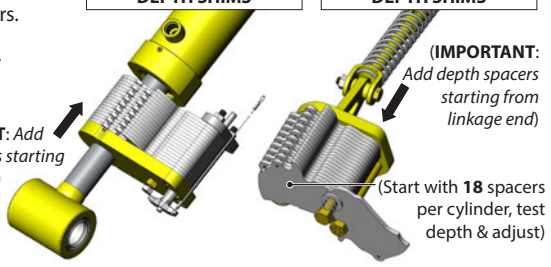


C Set Ripping Depth

ii Remove T-handle pin.

ii) Rotate spacers.

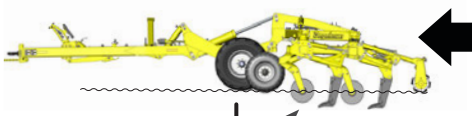
iii) Replace pins.



Adjust Coulter Depth Based on Expected Ripping Depth

- Loosen all 3 bolts with provided wrench.
- Move bolt to notch for expected ripping depth.
- Re-tighten all 3 bolts. *(Repeat for all coulter arms.)*

D Test. Check. Adjust.



2-5 MPH
(Ideal Operating Speed)

100m

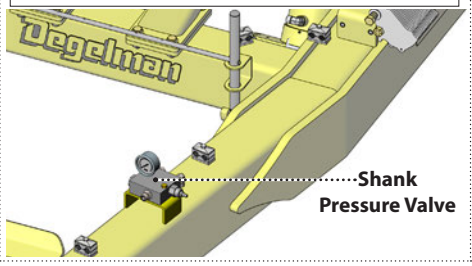
(**NOTE:** Ripping faster than 5 MPH increases likelyhood of breaking shank shear bolts. Replace with 5/8" GR8 bolts only.)

Adjusting Shank Pressure *(If hydraulic shank equipped.)*

Turn screw: ➦ Clockwise to increase pressure ⬆

➥ Counter-clockwise to decrease pressure ⬇

NOTE: 2200 psi = 3700 lb trip force (recommended)



E

- Extend ❶ wheel cylinders for headland turns.
- Lift machine for deep ravines/ditches.

F Converting to Transport Position

- Follow the ***reverse*** of steps **"B"** shown above.

IMPORTANT:
- Fully extend wheel cylinders ❶ before attempting to fold in wings.
- Leave remote ❸ engaged after folding in wings so wheels ❶ can be retracted to lowest transport position.
- Ensure wing rollers are resting in transport cradles before road transport.

G ⚠ **MAX** Transport Speed: **40 km/h (25 MPH)**