

Penno's Machining Hay Handler

Patent Pending

Penno's machining

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Fork Consists of 2 sets of forks, each fork can raise up and outwards individually.



Bale Loading Steps

Set valve to loading position before beginning. Valve is located on the fork the red handle can be seen near the center of the fork in the next photo.

Step 1: Both Forks are in the down position and one bale is speared lining up the edge of the bale with the center of the frame.



Figure 1 Forks in Down Position



Figure 2 Bale edge lined up with center of fork

Step 2: Grapple Valve Activated to raise first Bale Speared, once first bale is lifted, second bale can be speared.



Figure 3 One Fork Lifted ready to spear second



Figure 4 2nd Bale Speared



Figure 5 Left Bale Being Speared, First Bale off Ground. Note: bales not touching

Step 3: Grapple Activated to close squeezing the bales back together. Both Forks are back to original position.



Figure 6 Bales Squeezed together for loading on a trailer or hay rack.



Figure 7 Bales Tight together for trailer

Bale Unloading Steps

Valve must be moved to the unload setting. Valve Handle located in center of fork and is red.

Step 1:

Set forks at the innermost position using the grapple valve. Pick two bales off trailer.



Figure 8 Forks at innermost position

Step 2: Spread Bales to desired width by activating the grapple valve. Set bales into 2 rows at desired width. Also works for stacking bales mushroom style.



Figure 9 Rowing Bales



Figure 10 Fork at maximum width