



Machining and Manufacturing Ltd.

# Hay Handler

**Bale Fork -** *Patent Pending*  
*By Penno's Machining*

Designed to speed up the loading and unloading of round bales. Cutting loading time by 30 – 40% and cutting unloading time by up to 50%, on time trials this amounted to approximately 1 min per bale.

***Based on 1200 bales,  
approx 20 hours saving.***

***The hay handler is a  
4 prong bale fork, to  
handle 2 bales at once. It  
is designed to lift each bale  
interdependently up and  
outward.***





# HOW IT WORKS

The first bale is picked with the right set of forks, lining up the left edge of the bale with the centre post on the hay handler. Loader is lifted and proceed to sencond bale. At second bale the first bale is lifted outward by activating grapple hydraulics. This prevents the net wrap or twine from dragging on first bale or ground. The second bale is picked, the loader is raised, the grapple hydrolics are activated brining the first bale down and inward, squeezing them both together to place on the trailer.





# ***Bale Loading Steps***

Bales are loaded with the Hay Handler using the following steps.

## ***STEP 1.***

With Both Forks in the down position spear a bale on the right fork.



## ***STEP 2.***

Using the grapple function on your tractor raise the right bale and spear the second on the left spear.

This allows you to pick two bales without dragging and damaging the first or setting the first down and then backing before spearing both bales. Both bales can be picked without dragging or backing up.



## ***STEP 3.***

Using the grapple function squeeze the right bale with the left bale for compact loading.



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# Bale Unloading Steps

Both forks are in the down position. 2 Bales are picked from the trailer, the grapple is activated moving both bales outwards and upward to be placed in 2 rows approximately 30" apart. Prevents bales from spoiling or freezing together.





# PENNO'S MACHINING ***HAY HANDLER***

- **ONE TRACTOR TWO BALES  
SAVE TIME - SAVE FUEL**
- Fork Consists of 2 sets of forks, each fork can raise up and outwards individually.
- Heat treated 4140 prongs 95000 psi
- Requires only one hydraulic outlet
- Excelent visibility
- 2" Dia pivot pins
- Linkages 1" mat
- All pins greaseable
- Bumper bar to position top bales when doubling top row
- Stack mushroom style
- Save labour, time loading and unloading, fuel, tractor hours and truck hours.

