

# Air Seeder Packer / Harrow System and Shank Mount Packers *by K-Hart Industries Ltd.*

## The Best in Precision Packing

The K-Hart Series IV on-row packer is designed for direct seeding or conventional seeding to give the best precision on row seed pack.

K-Hart Series IV airseeder packers have features and benefits that no other packer system in the industry has to offer. We challenge you to find any other add-on packer system on the market that will out pack us!

### Features:

1. Each packer assembly has its own spring to pack uneven seed beds or obstacle clearance, so if one packer assembly has to ride on a high ridge or bounce over a rock or pile of straw, it does not affect any other packer assembly.
2. Each spring loaded packer arm also has its own swivel bracket to allow the packer assembly to pivot from side to side.
3. An optional walking axle can be installed between two packer wheels, this allows each packer wheel contact on the ground 100% of the time.
4. All packer wheels are a semi-pneumatic rubber of the highest quality mounted on a steel wheel.
5. Optional 2-row harrows to level out uneven seedbeds due to high soil disturbance.
6. Optional 3-row mulchers. Remove the packers and install our optional 3-row harrows while still using our parallelogram trailing arms.
7. We have adapters that can hook up to Bourgault quick-change arms.



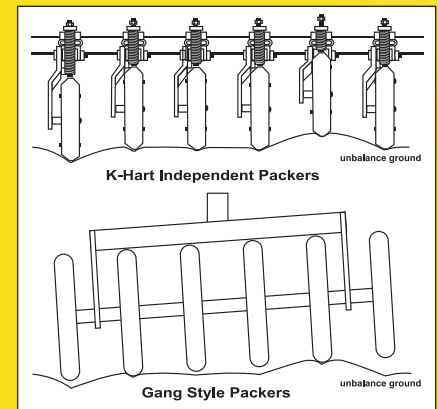
### K-Hart Independent Packers VS Gang Style Packers

#### Our K-Hart Independent Packers:

- No matter how uneven your seed bed, K-Hart independent packers will stay packing 100% of the time, which helps to ensure even germination.
- Each K-Hart packer features a swivel bracket which better enables packing each seed row, when turning around sloughs, trees or headlands.
- K-Hart packers will out pack any other mounted airseeder packer on the market.

#### Their Gang Style Packers:

- Gang packers ride on the high seed rows, bouncing over rocks and straw bunches. This style does not allow all packers to touch the ground, contributing to uneven germination.
- Gang packers do not follow the seed rows when turning by sloughs, trees and headlands.
- Cultivator weight is required to get all wheels in the gang packer closer to the ground, sacrificing cultivator performance.



**Visit [www.khartindustries.com](http://www.khartindustries.com) for Video of our Products!**

**K-HART**  
Industries Ltd.

Box 520, Elrose, Saskatchewan S0L 0Z0, Canada

Ph: (306) 378-2258 • Fax: (306) 378-2926

Email: [sales@khartindustries.com](mailto:sales@khartindustries.com) • [www.khartindustries.com](http://www.khartindustries.com)

## Configuration Options



### Package A configuration option:

- 2 packer wheels on one straight through axle on a spring loaded arm assembly.
- If one packer lifts going over a rock or lumps of straw, it will lift the other packer wheel.



### Package B configuration option:

- 2 packer wheels with a walking axle and an adjustable packer spacing on a spring loaded arm assembly.
- One packer can go over a rock or piles of straw without affecting the other packer. Also can adjust the spacing of the wheels by moving walking axle spindles.



### Package C configuration option:

- 1 packer per spring loaded arm assembly.

*NOTE: All packer assemblies pivot from side to side to help keep packing in your seed row when turning*

## Shank Mount Packer Assembly



- Spring loaded shank mount assemblies do not swivel from side to side
- Not recommended for cultivator spacings closer than 10" because of the potential of reducing straw flow through the cultivator.
- Not compatible with all seed opener designs.

## Packer Specifications:

### ► Packer Wheels

- Semi-pneumatic rubber tires
- Sealed double ball bearing in wheels
- Several tire configurations

### ► Packer Arm

- Adjustable spring tension on packer arms ranges from 0 -130 lbs./arm at 2" of upward travel
- 5" vertical movement if going over obstacles

### ► Model 9910 Trailing Arm

- Pressure adjustable coil springs
- 10" vertical movement (approximately)
- For and Aft adjustment arm has 18" of travel
- Lateral mounting fully adjustable

### ► Swivel Brackets

- Greaseless bushings
- 30 degrees travel from side to side
- Can be locked solid if desired

### ► Walking Axles

- May be used with double wheel packer assembly while packing two different opener rows
- Walking axle pivots on polyurathane bushings and a stainless 3/4" steel pin
- Adjustable wheel spacing from 7 1/2" to 12" center to center on most packer wheels

### ► Harrows - Optional

- Double tines 9" on center 16" long
- Optional 1 or 2 row in front of packers
- Optional 3 row heavy duty for summerfallowing

### ► Weights

- Main arm assembly Model 9910
  - 110 lbs.
- Double wheel assemblies
  - 44 lbs. on average
- Single wheel assemblies on average
  - 25 lbs.
- Tubing 2.5x2.5x.25
  - 7 lbs./ft
- Two row harrows
  - 10 lbs./ft

## Packers Available:

### V-TREAD



2"x14"

3"x13"

3"x16"

4"x14"

### FLAT



2"x13", 2"x16"

3"x16", 3"x13" 4"x12", 4"x16"

### DOUBLE RIB



3"x13"

### SINGLE RIB



2"x13", 3"x13"

PRINTED IN CANADA

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