



B.



C.



D.



A.

SYSTEMS OVERVIEW

*Saving Time and Money—
Harvesting Solutions!*

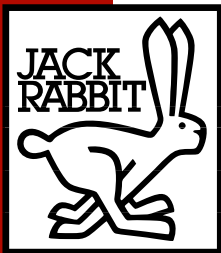
Growers are trimming costs and hauling in the profits with fast, efficient on-the-fly harvesting systems from JackRabbit. By integrating the functions of the *Reservoir Cart*, the *JackRunner* or *Jack Cart*, and *JackRabbit Elevators*, JackRabbit systems achieve one continuous, profitable flow of harvesting production using minimal labor. *Here's how it works...*

With the JackRunner: towed behind the harvester, the Reservoir Cart begins accepting nuts. As it fills, the JackRunner approaches from behind, depresses the Reservoir Cart's trigger (*photo B*), and quickly fills the Runner's hold as both vehicles continue down the row. When the Reservoir Cart is empty and the Runner is full, the driver swivels his seat (*photo C*), reverses direction and exits from the same row—*no need to cross rows!*—delivering the nuts to the waiting elevator (*photo D*).

Or with the Jack Cart: as a cost-effective alternative to the Runner, the Jack Cart, pulled by a tractor, meets the full Reservoir Cart at the end of a row. It slides up underneath where the nuts are swiftly transferred to the Jack Cart's high capacity bin for a quick trip to the waiting elevator—eliminating delays by eliminating cart changes.

Saving time and labor. Each component of the JackRabbit system works in tandem with the other for seamless, non-stop harvesting that saves time and reduces labor costs.

The accompanying sheets will give you more specifics about the individual components of the JackRabbit systems.





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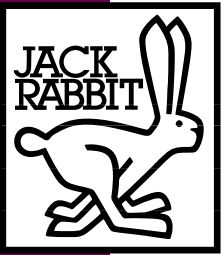
JACKRABBIT RESERVOIR CARTS

Fast and Flexible First Step in the JackRabbit System

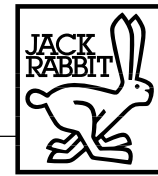
With many options to choose from, the towed **Reservoir Cart** totes the harvested nuts. As it reaches capacity the *JackRunner* approaches and docks with the moving Cart. Nuts are automatically unloaded into the Runner and the Reservoir Cart continues on with the harvest non-stop. Alternatively, the Reservoir Cart can quickly fill a tractor-hitched *Jack Cart* at the end of a row.

- **LARGE BIN CAPACITY** 335 cubic feet; means longer time between unloads.
- **FAST UNLOADING TIME** widest chains in the industry (photo A) keeps sticks and debris from blocking the flow and lets more product move at a slower speed (causing less damage!)
- **CONVEYOR CHAIN OPTIONS FOR ALMONDS, WALNUTS OR PECANS** two independent chains (one for the horizontal, one for the incline) are easier on the product than long, narrow chains from other manufacturers. Options of mesh chain for almonds or tube chains for walnuts and pecans provides in-field hulling, and helps to eliminate sand and dirt from going to the huller.
- **LOW CONVEYOR HEIGHT** with fast, dependable augers (photo B).
- **DRAPER TOP** (photo C) easier on the product—little shelling of almonds or hulling of walnuts or pecans.
- **LOW HYDRAULIC REQUIREMENTS** lets oil run cooler and cleaner.
- **DESTICKER TOP** (photo D) removes sticks from the load and with the optional stick bin allows you to carry them out.

Although the Reservoir Cart is designed to operate as a component of one of the JackRabbit systems, it can also be used as a stand-alone unit.



RESERVOIR CARTS



FAST AND FLEXIBLE FIRST STEP IN THE JACKRABBIT SYSTEM



Specifications:

Product Transfer	Two Conveyor Chains
Unload Options	Automatic / Manual (Electric over Hydraulic) or (Hydraulic Valve)
Loading Options	Augers / Draper Top / Desticker
Unload	Automatic or Operator Controlled
Conveyor Options	Cleaning Mesh for Almonds / Tube Chain for Walnuts & Pecans
Conveyor Width	42.5"
Length	22'7" Total / Bin 13'5"
Width	8'0"
Height	5'3" Top of Bin / 6'8" Top of Conveyor
Capacity	335 cubic feet
Empty Weight	4,660 Lbs.
Tires	31 x 13.50—15 Farm Implement

Specifications are subject to change without notice.



B.



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THE JACK CART

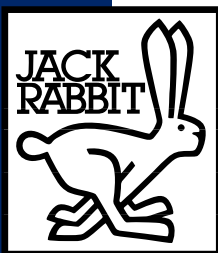
Improve Harvest Efficiency— and Eliminate Cart Changes

The **Jack Cart** (*photo A*) is a cost-effective and labor saving option that eliminates the need for constant switching of small capacity carts. The Jack Cart meets the *Reservoir Cart* at the end of a row where the harvester driver initiates the product transfer into the Jack Cart (*photo B*). The Jack Cart's large capacity lets harvesting continue with no disconnect or changing of carts.

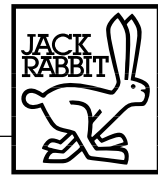
After transferring product into the Jack Cart the tractor heads to the elevator for a quick unload (*photo C*). The driver can operate the controls and side dump the load without leaving his seat—meaning faster turnaround, minimal labor and much less mess than you would have with the changing and dumping of smaller carts (*photo D*).

With its emphasis on speed and ease of use, the Jack Cart improves efficiency by running longer between loads and by stopping and eliminating those back-breaking cart changes.

- **SIDE DUMP FOR FAST UNLOADING** *reduces spillage and clean up.*
- **335 CUBIC FOOT BIN CAPACITY** *means a longer time between unloads.*
- **ELIMINATES CART CHANGES** *save time and labor.*
- **ECONOMICALLY PRICED** *viable alternative to the JackRunner.*



THE JACK CART



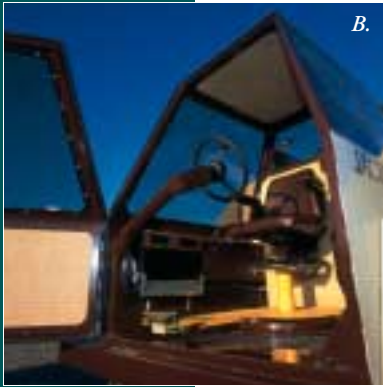
IMPROVE HARVEST EFFICIENCY—
AND ELIMINATE CART CHANGES



Specifications:

Product Transfer	Hydraulic side dump bin empties onto elevator
Length	15'5"
Width	8'6"
Height	4'10"
Capacity	335 cubic foot
Weight Empty	2,820 lbs.
Tires	12.50 L / 16 farm implement (inflate to 35 PSI)
Hydraulic Requirements	10 gpm @ 2000 psi
Hydraulic Oil	Hydraulic oil used in tractor

Specifications are subject to change without notice.



THE JACKRUNNER

Outrun the Rain—Your Crop's Out of the Orchard in Record Time

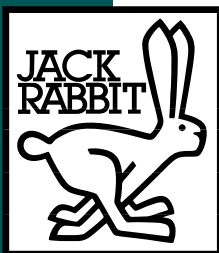
Working as a transfer vehicle between the *Reservoir Cart* and the elevator, the self-propelled, fast moving **JackRunner** is one of the most recent innovations from JackRabbit (*photo A*).

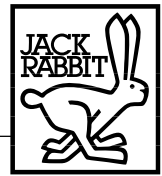
Fully automated, designed for speed, gentle handling of product and ease of use, the JackRunner performs in tandem with its counterparts to get crops off the ground and on their way to the processor quickly and efficiently.

Swiveling seat and large plexiglass windows (*photos B and C*) allows the operator to see, steer and drive comfortably both forward and back. So natural feeling, it's like driving forward in both directions. Combined with the JackRunner's low profile, these features give it same row enter/exit capability which leaves berms and irrigation systems intact—**no need to cross rows!**

At the elevator (*photo D*), controls are operated by the driver from inside the air-conditioned cab for fast turnaround and minimal labor. Engine, hydraulics and drive train are readily accessible for easy maintenance. The JackRunner is the perfect system component for fast and clean harvests.

- **DRIVES FORWARD IN BOTH DIRECTIONS** *swiveling seat makes it easy on the operator to see and steer in either direction.*
- **AUTOMATIC FAST UNLOAD SYSTEM VIA SIDE DUMP** *designed for speed, minimal delay and clean transfers.*
- **400 CUBIC FOOT BIN CAPACITY** *keep the harvester going for seamless, "on-the-fly" unloads.*
- **COMFORTABLE CAB** *ergonomic design, positive pressure, air conditioning, cup holder, acoustically insulated, easy access side window lets driver reach elevator controls without leaving the seat.*
- **REVERSING AUGERS FOR FAST LOADING** *allows the driver to stay comfortably ahead of the reservoir cart's rate of flow and control the growth of the load.*





THE JACKRUNNER

OUTRUN THE RAIN—YOUR CROP'S OUT
OF THE ORCHARD IN RECORD TIME

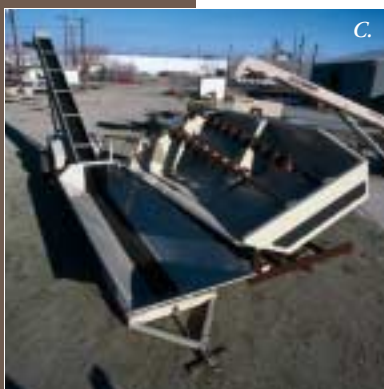


Specifications:

Speed Range	0-27 mph, Both Directions
Engine	4BT Cummins Diesel Turbo, 110 hp @ 2500 rpm
Gross Empty Weight	9000 Lbs.
Driver Environment	Air Conditioned / Pressurized Cab, Swiveling Seat that rotates 60° for improved visibility when traveling in reverse
Parking Brake	Manual ON/OFF
Cab	Centered and Raised
Lights	Front and Rear
Bin Capacity	400 Cubic Feet
Dimensions	Length 18'8" / Width 8'8"; Cab Height: 6'6" Bin Height, Front 5'4" / Rear 4'3"; Wheel Base 11'3"
Ground Drive	Hydrostat with Low Lock
Axles	Front Steerable / Rear Fixed
Springs	Leaf Front and Rear
Tires	33 x 12.5 x 16.5 Hi Flotation

Specifications are subject to change without notice.





**ELEVATORS BY
JACKRABBIT**

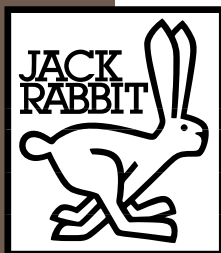
*Lose 8,000
Pounds—and
Eliminate Sticks—
in 45-90 Seconds!*

Taking efficiency to new heights, a **JackRabbit Elevator** will play the key role in the final stage of harvesting your crop. Featuring a trombone-slide incline conveyor that raises and lowers to fill either high side doubles or low side bobtails, and the option for the Woodchuck Desticker (on the 20/30), JackRabbit Elevators are ruggedly constructed and perform reliably for fast, safe unloading (*photo A*).

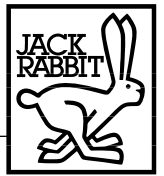
Push button controls (*photo B*) start the engine, engage the belts, speed up the take away—all from the *JackRunner* or tractor. Easy to transport, the second stage lowers for road travel in a matter of seconds.

Both the JJL 490 20/30 and the JJL 490 20/20 feature large capacity hoppers and fast unloading two belt systems for speed and efficiency (*photo C*).

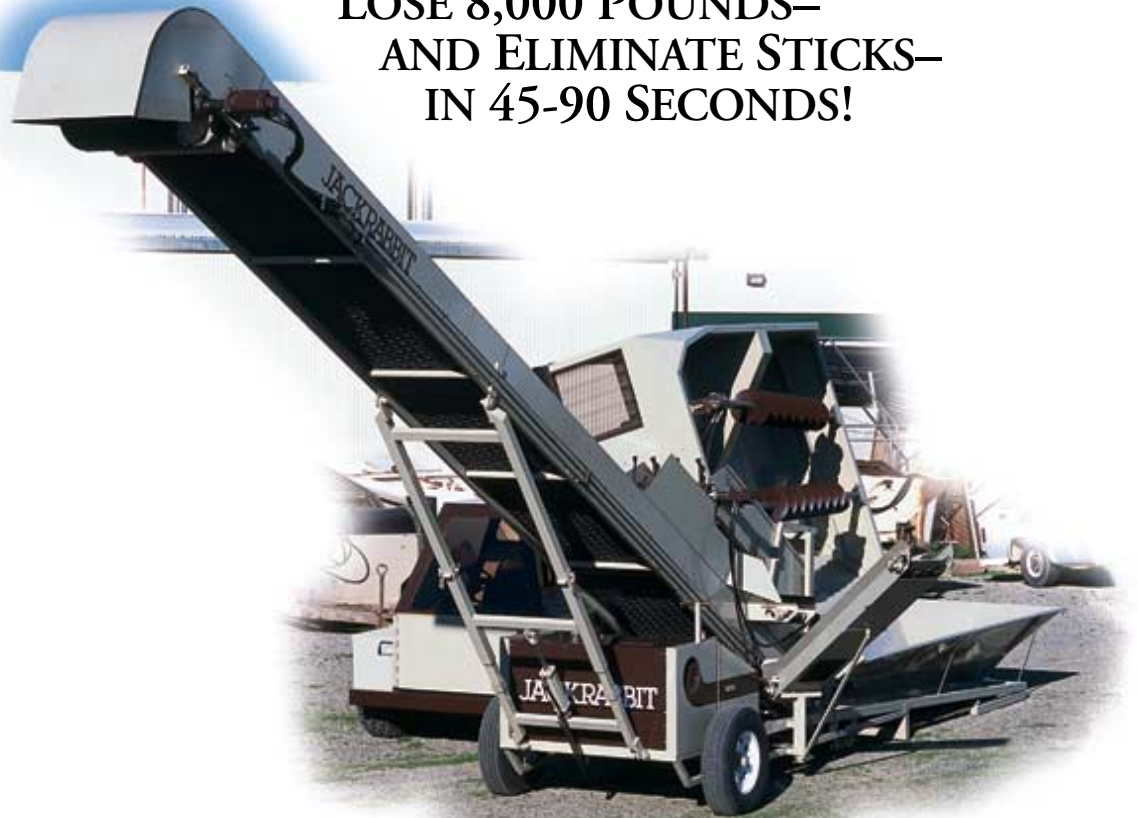
- **FAST UNLOADING VIA SIDE DUMP HOPPER** *pull up fast, get the load up and into the trailer in moments*
- **TWO BELT SYSTEM** *handles heavy loads with no belt pop outs—easy to control the flow and grow the load*
- **CONTROLS ARE OPERATED FROM JACKRUNNER OR TRACTOR** *swing out arm means there's no need for the driver to leave the seat*
- **HORIZONTAL BELT SPEED CONTROL** *wide belts allow for controlled speed—less damage to the product, yet fast to load*
- **WOODCHUCK DESTICKER (FOR THE 20/30)** (*photo D*) *collect and eliminate sticks at the collection point—not at the huller where it can plug up trailers and precleaners—and not in the field where it slows down the next pass through.*



JACKRABBIT ELEVATORS



LOSE 8,000 POUNDS—
AND ELIMINATE STICKS—
IN 45-90 SECONDS!



Specifications:

Product Transfer	Two Belts, Horizontal 20" / Incline 30"
Belt Speed	Variable Horizontal Belt Speed
Hopper	Length, 192" / Width 70"
Length	46.5'
Height	For the 20/20: Raised 14'1" / Lowered 11'8" (in towed position) For the 20/30: Raised 14'1" / Lowered 11'8" (in towed position)
Spout Clearance	For the 20/20: Raised 14'5" / Lowered 12'1" (operating position) For the 20/30: Raised 14'5" / Lowered 12'1" (operating position)
Hitch Height	16"
Width	80"
Weight	3,800 Lbs. for the 20/20 / 4,200 Lbs. for the 20/30
Tires	7.50 L / 16.0 LT
Controls	Pod Mounted, Adjustable
Jack Stand	Hydraulic
Power	For the 20/20: Deutz Diesel F2L1011F (2 cylinder / option for 3 cylinder) For the 20/30: Deutz Diesel F3L1011F (3 cylinder)
Option	For the 20/30: WoodChuck Desticker

Specifications are subject to change without notice.