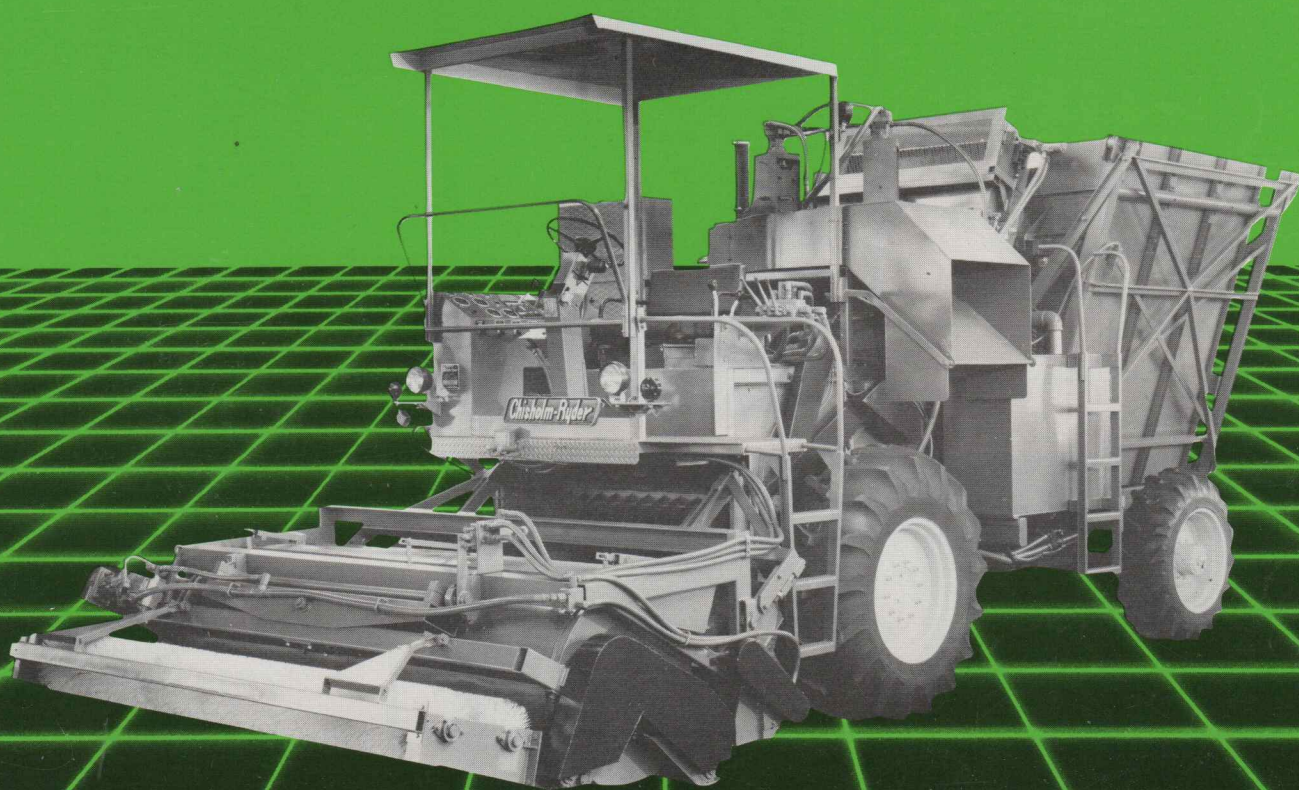


MDH BEAN HARVESTER

Versatility & Efficiency for
Green Beans, Wax Beans, Snow Peas, & More.



 *Chisholm-Ryder*

Harvest Multiple Crops, Widths and Densities with Speed & E

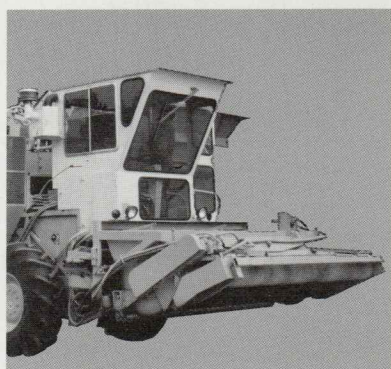
Chisholm-Ryder MDH (Multi-Density) Bean Harvester

Chisholm-Ryder Model MDH Bean Harvester combines unparalleled versatility and flexibility, gentle, efficient harvesting action, and advanced design. Result: a full-featured harvester to satisfy all your needs.

Two four-wheel drive models available*:

- Standard model w/operator canopy.
- Deluxe model w/fully enclosed pressurized cab.

*Two-wheel drive also available.



MDH with optional enclosed cab



Standard canopy Model MDH

Engineered for Versatility

The MDH Bean Harvester efficiently harvests a variety of crops, regardless of row width, for both processing and the fresh market. Chisholm-Ryder engineering guarantees adaptability and flexibility, smoothness and precision.

- **Adaptability:** Harvests a wide variety of bean plants. 102" harvesting width adapts to (3) 36" rows, (6) 18" rows or (8) 12" rows automatically. Pick with 12-, 16-, or 20-bar pattern. Harvest up to (4) 30" rows with optional outside brush pickup.
- **Flexibility:** Harvests in any forward direction, without need to follow the row. Crosswise harvesting allows wider headlands, easier turns.

- **Smoothness:** Foot-and-inch valve gives maximum smoothness and most efficient shifting & handling.
- **Precision:** Picking finger height, ground roller pressure and reel axis adjustable for superior following of ground contours.

Engineered for Harvesting Performance

In operation, the entire area being harvested is easily viewed from the Control Deck. Adjustable brushes and rollers in front of the header lean the plants top-first into the path of the picking fingers.

Picking finger action removes pods from top of the plant progressively to the bottom. Pods are fed onto the header conveyor; cluster stripping action removes attached vines



Chisholm-Ryder

Efficiency



Bulk Product Hopper fully extended for emptying

or plant fragments. The cleaning conveyor passes product beneath dual suction fans which remove plant material and discharge it into the area already harvested.

Cleaned pods pass onto the elevating conveyor which loads them into the hydraulic lift box at the rear of the harvester. Bulk product hopper features rapid hydraulic lifting action for positive emptying, quick return to the harvest.

Engineered for Efficiency

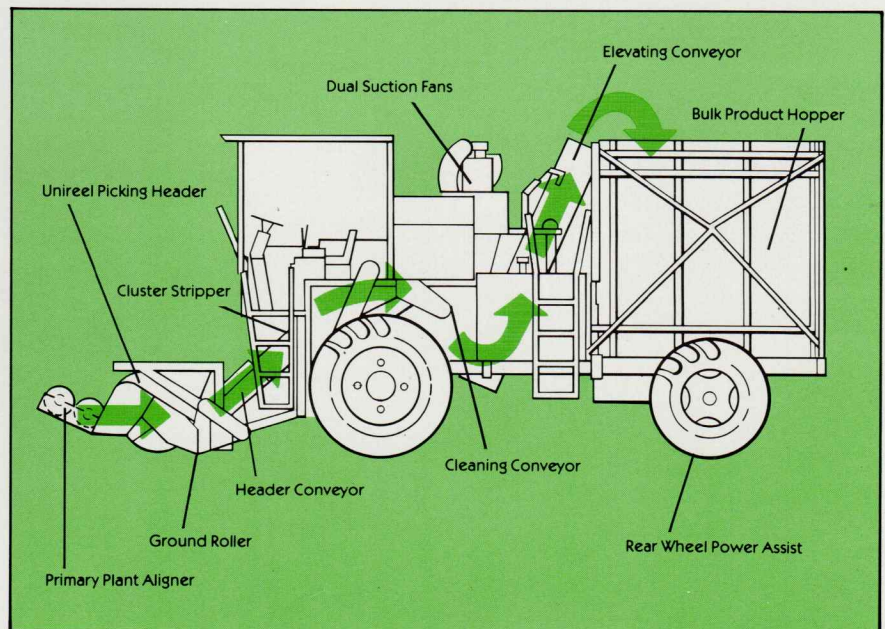
Fully self-contained, Chisholm-Ryder MDH Bean Harvester allows complete operator control of all harvesting functions for efficient operation. Used with proper planting & harvesting techniques, MDH's advanced design delivers exceptionally high yields & efficiencies on a variety of plant types, regardless of row width or density.

- **Complete Operator Control.** Hydrostatic drive through 3-speed transmission for infinitely variable ground speeds.
Reel speed hydraulically adjustable, 0-220 RPM.
Adjustable ground roller pressure.
Adjustable brush height.
Audible low oil alarm.
High drive ratio permits ground speeds up to 16 mph (26kmph).
- **Capacity & Efficiency.** Capacity and efficiency depend on field conditions and variety. Capacities up to 1½ acres (.607 hectare)/hr have been reported.

Designed for Years of Service

Model MDH is designed for years of dependable harvesting...and is supported by Chisholm-Ryder's worldwide service network. Service that ensures your harvester stays on the job full-time during those critical peak days & nights.

Choose Canopy or Pressurized Cab



Typical MDH Harvester

Model MDH Bean Harvester

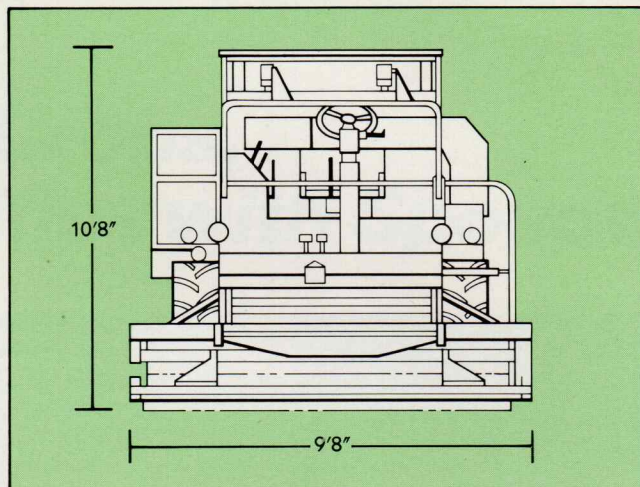
Recommended Cultural Practices...

Ground should be relatively even. Rocks and stones, if present, should be depressed by a culta packer after planting. (Medium-sized stones will pass through the machine without damage to harvester.)

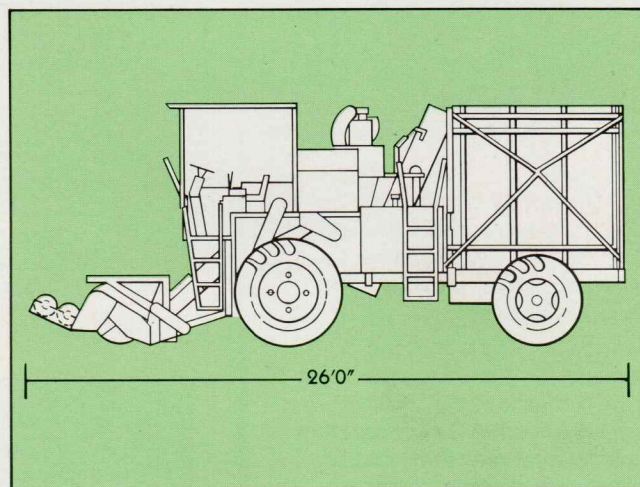
Optimum density varies with crop and variety. Follow your Agricultural Research Station's recommendations regarding row width, spacing, fertility levels, pesticides, etc. Use of varieties adapted for mechanical harvesting is recommended.

Specifications

Length	26'0" (7924mm)
Width	9'8" (2946mm)
Height	10'8" (3200mm)
Box carried on harvester	Capacity 5000 lbs. (2268 kg.)
Power Steering	Rear wheels
Harvester	Self-propelled
Ground Drive	Four-Wheel Hydrostatic
Controls	Hydraulic
Engine	John Deere 6 cylinder diesel, 112 bhp at 2200 rpm
Speeds	0 to 16 mph, 0 to 26 kmph
Tires, Standard	Front 18.4 x 15-26-10 ply Rear 12.4 x 24
Weight	18,000 lbs. (8165 kg.)



Front elevation



Side elevation

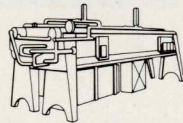


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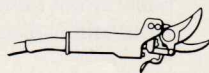
CHISHOLM-RYDER... creating new technologies in food harvesting & processing since 1885.



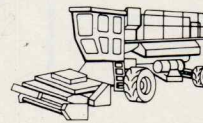
800 OWC grape harvester



Fruit/vegetable juice sterilizer



Hydraulic hand pruning system

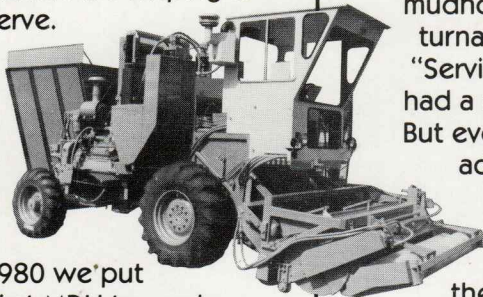


UNIBINE pea harvester

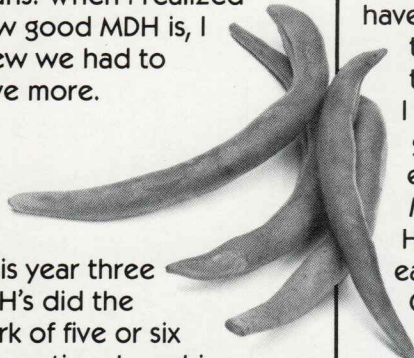
How Good is MDH? Ask A Man Who Bought One— Then Came Back For More

Model MDH-815A Bean Harvester

Quality beans are a tradition at Capella Farms — a tradition three MDH Bean Harvesters are helping to preserve.



"In 1980 we put our first MDH to work, on our 1500 acres of Blue Lakes, Slim Greens and Wax Beans. When I realized how good MDH is, I knew we had to have more.



"This year three MDH's did the work of five or six conventional machines. They give me higher yields at higher picking speeds. Muddy terrain is no problem

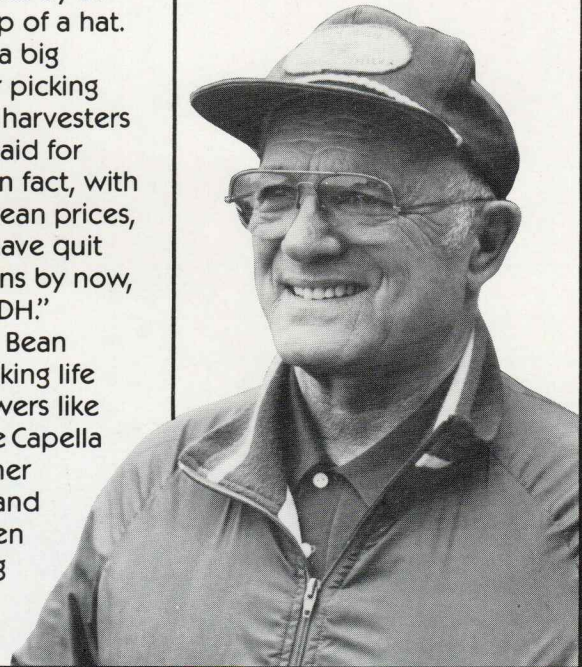
— neither are bent or broken stalks. Even if you're a little inaccurate following the rows, MDH still picks efficiently — that's a big plus around obstacles like mudholes and tight turnarounds.

"Service? We've never had a major problem. But even for small adjustments, our Chisholm-Ryder service team comes by at the drop of a hat.

"MDH made a big difference in our picking costs. Our three harvesters have definitely paid for themselves. In fact, with today's flat bean prices, I think we'd have quit growing beans by now, except for MDH." Multi-Density Bean Harvester. Making life easier for growers like Carl & George Capella with its higher efficiency and speed, even when you plant varying row widths.

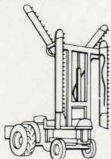
"MDH just does a better job. Period. I highly recommend it." — Carl Capella, president George Capella, vice-president Capella Farms, Inc. Gowanda, NY Boca Raton, FL

CHISHOLM-RYDER CO., INC.,
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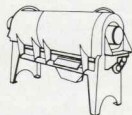


Chisholm-Ryder

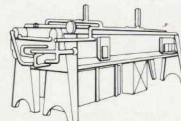
CHISHOLM-RYDER... creating new technologies in food harvesting & processing since 1885.



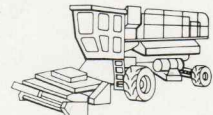
Tractor mounted pruning system



Double bar snap bean grader



Fruit/vegetable juice sterilizer



Unibline pea/bean harvester