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MANUAL PREVIEW

Allis Chalmers

Operator's Manual

720

Forage Harvester

Operator's Manual

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AC-O-720 FH



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SPECIFICATIONS

BASE MACHINE

Tongue

Swinging, welded box construction.
Adjustable to six (6) positions to match row spacings and tractor.
Jack: Ratchet type standard, heavy-duty screw-type optional.

Tires

6.40 x 15, 4-ply, tubeless standard; 11L-15, 4-ply, tubeless flotation optional.

Weight

Approximately 1725 pounds.

Dimensions

Wheel tread: 92 inch standard.
Transport ground clearance: 5 to 11 inches.
Storage width with pick-up: 8 foot 2 inches.
Storage width with row-crop: 8 foot 2 inches.
Overall height with standard delivery chute: 10 foot.

Optional Attachments

10 inch vertical chute extension.
5 inch axle extensions.
12 inch rear drawbar extension.

Drive

540 or 1000 rpm PTO.

Cylinder

8 tungsten carbide steel knives. Built-in knife sharpener.
Speed: 1175 rpm.
Diameter: 20 inches.
Width: 18.5 inches.
Length of cut: 1/4 inch and 3/8 inch standard, 3/16 inch and 1/2 inch optional. Length of cut adjusted by 'Quick-Change' sprockets.
Shear bar: Adjustable and reversible with two (2) tungsten carbide edges.

Feed Rolls

Lower rolls: two (2) fixed.
Upper rolls: two (2) spring-loaded adjustable.
Maximum throat sharpening: 108 square inch.
Drive: External chain and belt. Rotation of feed rolls and attachments reversible from tractor seat.

Main Frame

Heavy-duty 6 inch tubular steel axle.
All-welded construction.
Wheels adjustable 6 inch vertically in four (4) positions.

PICK-UP ATTACHMENT

Weight 515 pounds
Total working width 72 inches
Pick-up reel three (3) bars, forty-eight (48) teeth.
Auger 20 inch with 10 inch vertical float.
Skid shoes Standard
Working height 0 to 13-3/4 inches.
Optional attachments Deflector. Auger Paddle inserts.

ONE-ROW ROW-CROP ATTACHMENT

Weight 570 pounds
Width between divider points... 30 inches
Sickle speed 1252 strokes per minute.
Gathering chains three (3) steel roller.
Cutting height 5 to 21 inches.
Optional attachments Jack stands for storage.

TWO-ROW ROW-CROP ATTACHMENT

Weight 825 pounds
Width between divider points... 33 inches each row.
Sickle speed 1252 strokes per minute.
Gathering chains three (3) per row, steel roller.
Cutting height 5 to 21 inches.
Row spacing Adjustable, 28 to 42 inches
Optional attachments Jack stands for storage.

GENERAL INFORMATION

The model 720 forager field harvester is available with the following headers:

- 6 Foot Pick-Up Header
- 1 Row-Row Crop Header
- 2 Row - Row Crop header that can be adjusted to cut row spacings of 28 to 42 inches.

Refer to "Attachment" section in rear of manual for other optional equipment.

GEAR BOX

The model 720 forager may be equipped with either a 540 RPM or 1000 RPM PTO gear box. The 1000 RPM box is recommended for all tractors over 90 horse power.

RIGHT AND LEFT OF FORAGER

To determine the right hand and left hand side of the forager stand at rear of machine and face in the direction of forward travel.

REMOTE RAM AND HOSE

The 720 Forager is designed for a push type ram. The ram and connecting hose are not part of the forager. A short piece of hose is furnished to enable you to extend your standard tractor remote ram hose to sufficient length to reach tractor. If a two way ram is used it will be necessary to purchase a second short piece of hose to extend the other hose of the tractor remote ram.

STORAGE BETWEEN SEASONS

At the end of each use season, perform the following service on your 720 forager.

1. Clean it thoroughly inside and out.
2. Coat all polished surfaces with a rust preventive.
3. Grease all grease fittings to seal out moisture.
4. Lubricate all chains with Chain and Cable Lube or light engine oil to prevent rusting.
5. If the machine is stored in a dry place, remove the tension on the belts and coat the sheaves with a suitable rust preventive.

If the machine is not stored in a dry place, remove the belts and store them in a dry place. Coat the sheaves with a rust preventive.
6. Store the harvester in a dry building or cover it completely with a tarpaulin.
7. Block up under the machine to relieve the weight on the tires.
8. Order any replacement parts from your Allis-Chalmers Dealer so that you will not have any delays next season.

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