

# HEAVY-OFFSET 790

DISK HARROW

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AGRONOMIC  DESIGN™

CASE IH

CASE IH



# HEAVY-OFFSET 790

1 Model | Working Widths: 11 – 27 Ft.

Whether you're deep-tilling stalks and stubble, burying brush on summer fallow, or leveling irrigated fields, the Case IH Heavy-Offset 790 disk harrow tackles soil-conditioning tasks with rugged, enduring components. The mainframe is constructed from welded steel tubing to provide an imposing backbone of unmatched dependability and consistent performance over years of use. Long-lasting, break-resistant, crimp center blades and proven Case IH gangs slice deep through the toughest field conditions—all to achieve a high-efficiency seedbed with healthier soil.



**HEAVY-OFFSET 790 DISK HARROW**

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# GIVE SOIL HEALTH A STURDY FOUNDATION

The Case IH Heavy-Offset 790 disk harrow features unmatched ruggedness and state-of-the-art engineering to deliver unparalleled performance in the toughest conditions. Customize to fit your operation with **three disk blade sizes** and **spacing configurations** to aggressively penetrate the soil down to 12 inches — creating a **level foundation of healthier soil**.

## ACCURATE, REPEATABLE DEPTH

Single-point depth control allows convenient, quick and reliable adjustments **for accurate, repeatable depth** to create a high-efficiency seedbed.

## HEAVY-DUTY ENGINEERING

Depend on **superior durability** with the reinforced mainframe, improved hitch pull plate, larger wheel gear rock shaft cast bearing mounts and heavier gang tubes.

## EASY GANG ADJUSTMENTS

Both front and rear gangs **easily adjust** to maximize the tool's performance **in every condition**.

## CRIMP CENTER BLADES – A SUPERIOR AGRONOMIC ADVANTAGE

Blades are designed with flat, crimped centers that mate perfectly to the cast nodular flat-faced spools for a more secure and solid gang assembly.

## SELF-LEVELING HITCH

Exclusive to the Heavy-Offset 790 disk harrow, the self-leveling hitch keeps gangs working at uniform depth from front to rear. Transferring weight between tractor and disk, it allows **even soil penetration on hills**.

## EASILY ADJUSTABLE LEVELING

A one-step lateral pin easily adjusts for tongue placement to **maintain draft compliance**. Or activate the optional hydraulic leveling cylinder to **level the disk harrow fore and aft**. A leveling gauge is easy to see from the cab.

## PAINTED TO LAST

The Heavy-Offset 790 disk harrow will look new longer thanks to a high quality paint finish that delivers **more resistance to impact, scratching and fading**.

## CUSTOM CONFIGURATIONS

Choose from **three blade sizes and spacing configurations** to easily deep-till, bury brush and level irrigated fields.

- Finishing offset disk: 26 in. (660 mm) diameter, 10.5 in. (267 mm) front gang spacing, 9 in. (229 mm) rear gang spacing
- All-purpose offset disk: 28 in. (711 mm) diameter, 10.5 in. (267 mm) spacing front and rear
- Plowing disk: 32 in. (812 mm) diameter, 12 in. (305 mm) spacing front and rear



# LOW MAINTENANCE EQUIPMENT FOR HIGH MAINTENANCE FIELDS

Maximize uptime and productivity with a gang designed for your specific tillage demands.

## GANG BEARINGS

The cushion gang bearing is a **heavy duty, greaseable bearing in a trunnion and is commonly used in fields with rocks and debris**. It holds the arbor bolt firm while allowing the joint to rotate freely through rough terrain for a high-quality seedbed and finish. The rigid gang bearing option performs well in fields with very few rocks and debris and is a cost-effective choice.

## NODULAR CAST IRON SPOOLS

Heavy-Offset spools are made of **nodular cast iron, which is stronger than the gray cast iron or steel fabricated spools** used on other disk harrows. The 6-inch (152 mm) or 8-inch (203 mm) diameter spools withstand shock loads caused by field impacts and provide “built-in” weight necessary to cut residue and penetrate hard soil. **No additional weight kits required.**

## RUGGED GANG DESIGN AND CONSTRUCTION

Blades have flat, **crimped centers for added strength and durability**. And, they fit perfectly with each nodular cast iron spool to ensure **gangs stay tight** with the best possible joints.





# OPTIONS THAT SUPPORT YOUR OPERATION — AND BOTTOM LINE

Choose from rugged, reliable and agronomic features that support your specific tillage demands and soil conditions.

## COMMERCIAL GRADE FRAME

The Heavy-Offset 790 disk harrow **engineering team used extensive analysis and field tests to ensure ruggedness and reliability**. Tube lengths, tube placement and welding are carefully thought through and evaluated. Plus, endless gussets are used to improve overall strength and longevity of the frame.

## OPTIMAL SHANK SPACING, BETTER RESIDUE FLOW

**Single-point hydraulic depth control** maintains a constant blade operating depth for a planter-ready seedbed. Adjust it using a simple hand crank located conveniently at the front of the machine.

## REAR HITCH

**This optional feature allows for pull-type attachments** for additional soil conditioning. Equipped with a 9-pin electronic connector for lighting and one set of hydraulic couplers, the rear hitch has a vertical capacity of 1,000 pounds.





### THE AFS CONNECT FARM APP

View and monitor your equipment and field information in one place, all on your mobile device or tablet.



# PRODUCTIVITY, CONNECTIVITY AND PROFITABILITY

Understanding every aspect of your operation is the key to improving your bottom line. With AFS Connect™, **view your equipment data and agronomic layers in one place** to help you make informed decisions—both in the planning stages for the year and those critical in-season pivots. Plus, with the AFS Connect app, you can successfully **manage your operation anytime, anywhere.**

### PLAN YOUR SEASON

Having every pass planned before the year starts can help when it's time to get to the field to begin the work.

- **Review previous years' data** to develop your approach for a new season.
- Develop tillage prescriptions for AFS Soil Command™-equipped tools to **work every acre exactly how you want.**
- Send **field data, guidance lines and prescriptions** to connected equipment.

### WORK SMARTER BY TRACKING EQUIPMENT

Knowing the status of all your equipment helps you **cover more acres in a day.**

- **Track equipment location** with minute-by-minute updates to plan your next move.
- Receive **push notifications when a tractor enters or exits a set geofence** for up-to-date status on job completion.
- View and compare machine information, such as operating speed and fuel usage, to learn how machines are being used in the field.
- **Access the AFS Pro 1200 display remotely** with Remote Display Viewing to coach operators through setup and operation.

### KEEP MOVING IN SEASON

Using all the tools available to you keeps **your operation running at top speed.**

- **Create scouting reports** through the AFS Connect mobile app to keep an eye on certain areas all season long.
- With AFS Connect-equipped machines, **add AFS AccuSync™ to share machine data in field,** reducing skips and overlaps.
- **View and share reports** and other relevant information with your landlord, agronomic consultant or Case IH dealership.

## HEAVY-OFFSET 790 DISK HARROW SPECIFICATIONS

CONFIGURATIONS	FINISHING OFFSET	ALL-PURPOSE OFFSET	PLOWING OFFSET
Disk Blade Diameter	26 in. (660 mm)	28 in. (711 mm)	32 in. (813 mm)
Working Width	Folding only: 21 ft. 2 in., 24 ft., 26 ft. 10 in. (6.5 m, 7.3 m, 8.2 m)	Rigid: 11 ft. 5 in., 13 ft. 11 in., 17 ft. 2 in., 19 ft. 9 in. (3.5 m, 4.2 m, 5.2 m, 6 m) Folding: 20 ft. 6 in., 23 ft. 10 in., 27 ft. 2 in. (6.2 m, 7.3 m, 8.3 m)	Rigid: 11 ft. 1 in., 13 ft. 11 in., 16 ft. 10 in., 19 ft. 8 in. (3.4 m, 4.2 m, 5.1 m, 6 m) Folding: 21 ft. 6 in. (6.6 m)
Approx. Operating Weight (Smallest and Largest Sizes Shown)	12,600 to 14,800 lb. (5715 to 6713 kg)	8,500 to 15,500 lb. (3856 to 7031 kg)	9,400 to 16,000 lb. (4264 to 7258 kg)
Blade Spacing	10.5 in. (267 mm) front, 9 in. (229 mm) rear	10.5 in. (267 mm)	12 in. (305 mm)
Bearing Type	Dynamically self-aligning, cartridge-type, triple-sealed ball bearings, regreasable with steel sleeve		Trunnion-style bearings
Gang Arbor Bolts	1.5 in. (38 mm) square spring steel		1.75 in. (45 mm) square spring steel
Gang Spool Type	Bell-shaped nodular iron with machined ends		
Gang Spool Diameter	6 in. (152 mm)		8 in. (203 mm)
Typical PTO HP Requirements <sup>1</sup>	11 to 15 PTO hp/working ft. (27 to 37 kW/m)	12 to 17 PTO hp/working ft. (29 to 42 kW/m)	18 to 22 PTO hp/working ft. (44 to 54 kW/m)
GENERAL			
Mainframe	Rigid models: 6×8 in. (152×203 mm) structural tubing (folding models also have 2 additional 7×7 in. [178×178 mm] fore-aft tubes)		
Gang Tubes	4×10 in. (102×254 mm) structural tubing		
Bearing Guard	Outside rear gang standard, optionally available for other bearing locations		
Weight <sup>2</sup>	8,500 to 16,000 lb. (3856 to 7258 kg)		
Wheels	Dual wheels with heavy-duty 8-bolt hubs with replaceable spindles; 125L×15 tires standard / 31–13.5×15 terra rib tire optional		
TRANSPORT			
SMV Emblem	Standard		
Transport Locking System	Standard		
Warning and Tail Lights	Standard		
Safety Chain	Standard		
DEPTH ADJUSTMENT			
Depth Control	Mechanical depth-stop collars fit over main lift cylinders as standard, single-point hydraulic depth control optional		
GANG FEATURES			
Disk Blade Design	Shallow concavity, crimp center and self-sharpening		
Gang Disk Spools Type	Bell-shaped, nodular iron with machine ends		
Front and Rear Gang Disk Angle	Adjusts 34° to 46°		
Rear Gang	Adjusts laterally		
Scrapers	Heavy-duty, spring steel, blade conforming		
Furrow Filler	Standard		

<sup>1</sup> HP requirements may vary, depending on soil type, terrain, residue and tractor.

<sup>2</sup> Operating weights will vary, based on disk blade size and spacing. Weights shown are based on the standard disk blades.

SAFETY NEVER HURTS!<sup>™</sup> Always read the Operators Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided. CNH Industrial America LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice. Availability of some models and equipment builds varies according to the country in which the equipment is used.

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