

# Case IH Unveils Maxxum Series Mid-Range Tractors

RACINE, WI — The Maxxum 5100 Series tractors represent the second generation of totally new, world-class tractors from Case International. Built to the standard of quality set by the Magnum line, they're backed by an exclusive five years/5,000-hour warranty.

The new mid-range Maxxum tractors are ideal for general-purpose livestock, row-crop, and specialty farming work as well as roadside maintenance and other non-agricultural applications, said Dave DeSutter, project manager for Case IH.

Three models are available with a choice of two-wheel drive or mechanical front drive (MFD), cab or open platform versions, plus a selection of axle options, transmissions, and tire and wheel equipment. The three include the 5140, a 94-PTO hp; the 5130, an 86-PTO hp; and the 5120, a 77-PTO hp.

"All Maxxum tractors feature new Case International engines for reliability, durability, and performance," said DeSutter. "The engines are mounted directly to the transmission flange with no attachment to the tractor frame. This eliminates stress and shock loads transmitted to the frame when using loaders, chemical tanks, or other front-mounted equipment. On a Maxxum, these stresses are absorbed by a massive cast frame, allowing the engine to do what it was designed to do—efficiently power the tractor."

A fully synchronized, 16 forward and 12 reverse speed transmission also is standard equipment on all 5100 Series models. "Four speeds within each of four ranges provide the 16 'shift-on-the-go-with-clutch' forward speeds to accommodate any field requirement," commented DeSutter. A powershift transmission, available as an option, also offers 16 forward speeds and 12 reverse speeds with "no-clutch" shifting within the ranges.

Either the synchromesh or powershift transmissions are enhanced by a full-power, no-clutch forward and reverse shuttle for greater productivity in such applications as loader work. For those farming operations that require slower speeds to get the job done, Maxxum transmissions can be factory- or field-fitted with an eight-speed creeper attachment. The creeper speeds can be subtly-shifted.

A flip of an electrical rocker switch is all that is needed to engage the optional MFD axle. A 50-degree turning axle, combined with only a six-degree caster angle, contributes to a flat footprint that won't tear up headlands in tight turning, yet maximizes

pulling power and traction. The MFD driveline is shielded and designed to be integral to the transmission for maximum ground clearance.

Maxxum tractors use a pressure flow compensated (PFC) hydraulic system that matches hydraulic power to the actual load requirement for maximum implement efficiency with minimum tractor usage. One remote valve is standard with three more optional for a total of four outlets. All are equipped for easy and quick implement hookup.

The tractors' three-point hitches have the largest lift capacity in the mid-range tractor market, with approximately 7,700 pounds. A front three-point hitch with lift capacity of 5,200 pounds is available as a factory- or field-installed option.

For more information, contact your Case IH dealer, or write to Case IH, 700 State Street, Racine, WI, 53404.



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### Chore-Time's ULTRAFLO® feeder for layers, pullets and breeders can free you from your chains

We have probably been too modest up to now about the merits of our new generation ULTRAFLO® cage feeder vs. the old style chain feeders some of our competitors are still trying to sell you. In fact, the only negative comments about our feeder come from our competition, not our customers. So we would like to point out the bare facts:

**FEED SAVINGS:** On-farm results show a feed savings of 1/2 lb per 100 birds per day — over \$10,000 per year savings on a 100,000-bird house. Year after year.

**TROUBLE-FREE DESIGN:** Our feeder has only two moving parts — the one-piece auger plus each drive wheel; their chain has more. Our corners are heavy 12 ga. zinc plated tubing for long life; their corners have a reputation for trouble and short life.

**PROVEN DESIGN:** Over 10 million birds are already on our feeder worldwide. Also, it was proven in 5 years of on-farm testing before introduction.

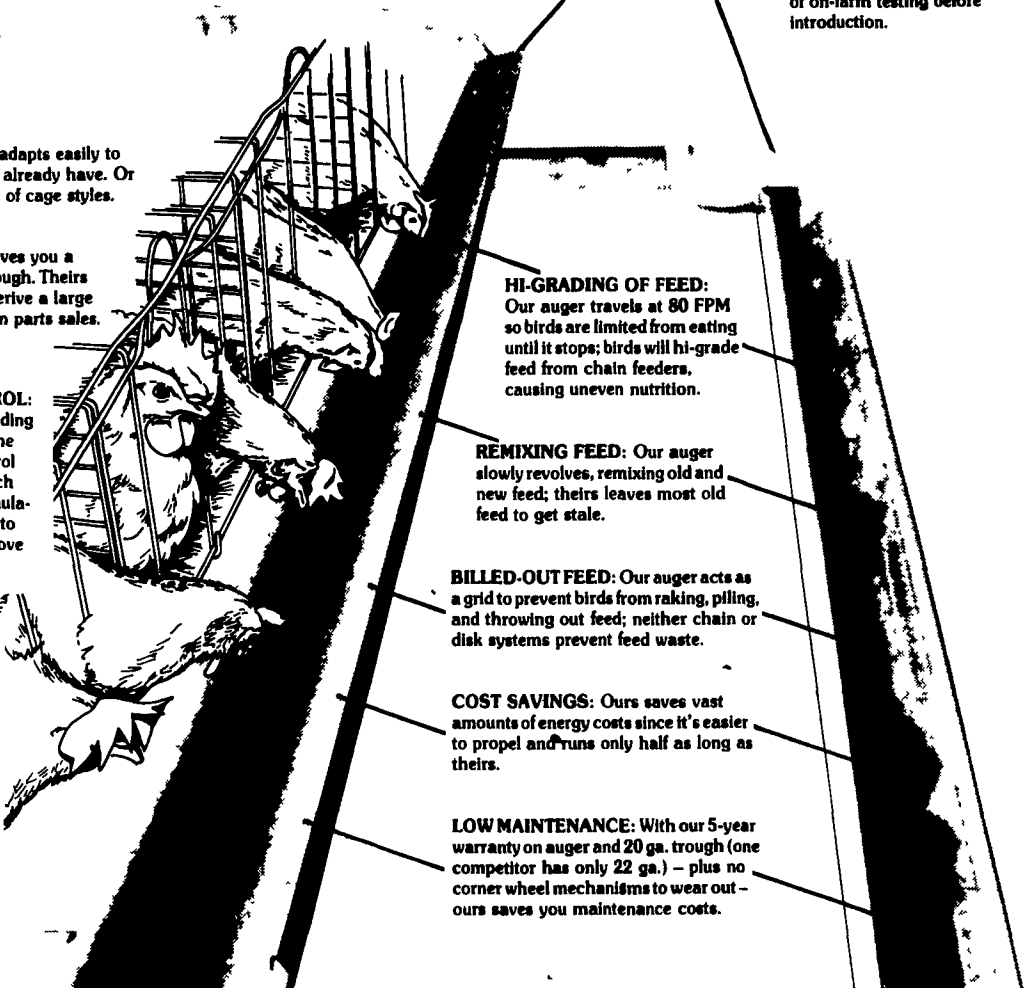
**EASY ADAPTABILITY:** Ours adapts easily to existing cage systems you may already have. Or choose from our wide selection of cage styles.

**5-YEAR WARRANTY:** Ours gives you a 5-year warranty on auger and trough. Theirs doesn't. In fact, their dealers derive a large percentage of their income from parts sales. Ours don't.

**MICROPROCESSOR CONTROL:** Our control lets you program feeding time to the second, to match the exact time of one circuit. Control number of feedings, time of each feeding — also 10-second "Stimulation Cycles" between feedings, to minimize separation, and improve your birds' feed intake.



**SIMPLE OPERATION:** "Push-pull" Power Units with 1/2 or 1/2 HP motor are located in a cage, have hardened steel gears for trouble-free operation.



**HI-GRADING OF FEED:** Our auger travels at 80 FPM so birds are limited from eating until it stops; birds will hi-grade feed from chain feeders, causing uneven nutrition.

**REMIXING FEED:** Our auger slowly revolves, remixing old and new feed; theirs leaves most old feed to get stale.

**BILLED-OUT FEED:** Our auger acts as a grid to prevent birds from raking, piling, and throwing out feed; neither chain or disk systems prevent feed waste.

**COST SAVINGS:** Ours saves vast amounts of energy costs since it's easier to propel and runs only half as long as theirs.

**LOW MAINTENANCE:** With our 5-year warranty on auger and 20 ga. trough (one competitor has only 22 ga.) — plus no corner wheel mechanisms to wear out — ours saves you maintenance costs.

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