

**"TOTALLY NEW FROM THE GROUND UP"**

By Bill Gergen, Associate Editor

# Ford Unveils Revolutionary "Genesis" Tractors

Ford New Holland unveiled a new line of 70 Series "Genesis" tractors in Winnipeg, Canada last month and will soon be showing off the new tractor line to dealers from across North America and around the world.

The new turbocharged diesels include four models - 8670, 8770, 8870, and 8970 - that have 145, 160, 180, and 210 pto hp, respectively. All models are equipped with new 7.5-liter, 6-cyl., turbocharged diesel engines and are available in 2 or 4-WD.

"They're built totally new from the ground up. We think farmers will agree that they're now the best tractors in their class," says John Hundley, product manager.

New features include:

- Up to 50% pto torque rise for constant pulling power in all conditions, reducing the need to downshift. "Farmers who tested these tractors are really impressed with the pto torque rise," says Hundley. "Optimum operating speed for Genesis tractors is 1,900 rpm's, a level that increases fuel economy and reduces engine noise. However, you can pull a 5-bottom plow and have the engine lug down to as low as 1,300 rpm's. It'll just walk through the tough spot and climb back to 1,900 rpm's without downshifting."

- First-of-its-kind movable control console moves with the seat so you always have controls at your fingertips no matter what your seat position.

- Cab has more glass and better front and rear visibility than any other tractor in its class, says Hundley. The front hood is tapered down to shorten up sightlines in front of the tractor.

- Optional SuperSteer FWD axle features a 65-degree turn angle for tighter turns and increased maneuverability. Reduces tractor turnaround diameter up to 40% compared to conventional front wheel assist tractors, and even turns shorter than standard 2-WD tractors. It connects to the main tractor frame with a heavy ball-and-socket joint that allows the inside wheel to shift out away from the tractor during a turn so it clears the tractor front end.

- Completely redesigned hydraulic sys-

tem. Optional "MegaFlow" hydraulics deliver 55 gal./min. at 2,750 psi - the highest available today, according to the company. Two pumps let you simultaneously operate a low-flow/high pressure system from one remote, and a high-flow/low-pressure system from another, without overheating the system. "Other tractors make one common pump carry both loads which can overwork the pump and consume too much horsepower," notes Hundley.

- All service points can be easily reached from the ground level. Each side of the engine enclosure has an easy-to-open access door providing access to coolant-level and engine-oil dipstick, fill and filter. The entire hood flips up from the front for total access all the way around, including to the radiator and air cleaner.

The 16-speed powershift transmission offers several new features including:

- Straightline shuttle shift. Electronic control of a series of clutches act as brakes to stop the tractor's forward motion. Then the transmission moves smoothly to the desired gear without clutching.

- Pulse shift. Shifting up or down is accomplished by tapping the transmission lever left or right.

- Automatic transport. Turns the powershift into an automatic transmission for over-the-road travel.

- Programmable upshift/downshift. Allows fast up and down shifts at the end of a row.

- Programmable shuttle shift. Lets you preset the forward and reverse gears for loader work.

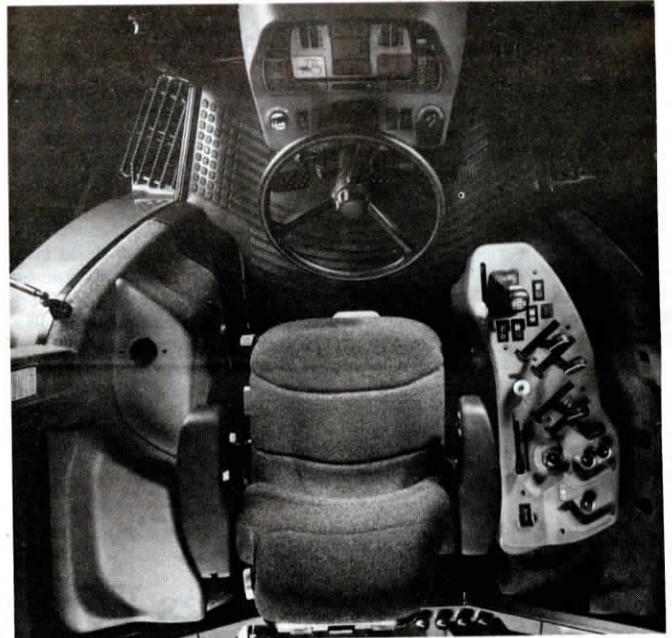
A 145 hp Genesis 8670 FWD sells for \$82,358 with a standard front axle. SuperSteer sells for an extra \$1,900.

The company also introduced four new 80 Series 4-WD tractors equipped with Cummins engines from 250 to 400 hp, and three new combines - the TR87 and TR97 rotaries and the TX66 conventional, which has been on the market in Europe for years.

Contact: FARM SHOW Followup, Ford New Holland, Inc., 500 Diller Ave., New Holland, Penn. 17557 (ph 717 355-1371).



Sloped hood improves front visibility on new Ford New Holland 160-hp. 8770.

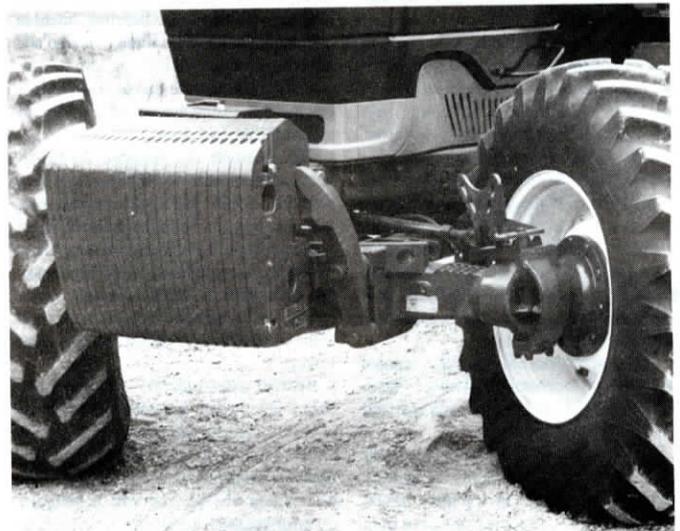


Control panel in new cab pivots with seat so you can sit at an angle to see rear-mounted equipment yet still have controls at your fingertips.



LaForge Systems, Concord, Calif., specially designed this front-mount 12,000-lb. capacity 3-pt. hitch for the new "SuperSteer" axle on Ford's Genesis tractor. The axle-mounted hitch allows implements to take full advantage of

the tractor's 65 degree turning radius. Contact: FARM SHOW Followup, LaForge Systems Inc., 4480 Treat Blvd., Suite 230, Concord, Calif. 94521 (ph 800 422-5636 or 510 827-2010).



"SuperSteer" front axle turns at a 60° angle. Ball-and-socket connection between axle and frame allows inside wheel to shift out away from tractor while turning so wheel clears front end.