

# Hesston expands tractor line

HESSTON, Kan. — Hesston's 90 Series tractors now have 81 and 91 PTO horsepower models which feature new technology five- and six-cylinder engines built by Fiat. The 81 horsepower Model has been designated 90-90, while the 100-90 is the new name for the 91 PTO hp tractor.

Both are available in two- or four-wheel drive, and are equipped with redesigned, high strength crankshafts, featuring larger bones and longer strokes for increased displacement, lower fuel consumption, high torque reserve and clean burning. Model 90-90 has a 298 cubic inch engine, and 100-90's engine is 331 cubic inches.

Key new engine features include new heads with exclusive "Spiral Stair" intake ducts, which increase air intake and turbulence for improved fuel/air mixture. Redesigned pistons, with a new Omega profile combustion chamber, produce increased atomization of fuel and air for improved fuel economy.

Several improvements have been made also in the unique Super-comfort Cab, which is standard on these models. High-quality automotive-type construction is used throughout, and a redesigned platform mounting with rubber-cushion iso-mounts reduces vibration for a smoother ride. The new fuel tank design and relocated cab mounting provide excellent visibility to the drawbar and hydraulic lift. New side glass and door design, plus opening side windows, offer extra visibility and convenience.

Another new feature for these 90 Series tractors is an exclusively



This is the new Model 100-90 tractor with 91 PTO horsepower from Hesston.

designed Lift-O-Matic Three-Point Lift, which gives push button control of lifting/lowering without using the normal control levers and disrupting pre-set depth. Lift-O-Matic's memory automatically returns to correct depth, saving time in the field. The high-capacity three-point lift offers precise lower-link, flexion bar sensing, plus telescopic lower-link arms for easy implement hookup.

An all new instrument panel permits push-button electronic check of the engine oil level. It also features new "engage indicators" for differential lock and PTO, plus a fuel filter restrictor indicator. Incorporated also in the cab's interior design are repositioned

hydraulic remote levers for easy access and operation, and a new location for the transmission shift levers for easy operation and unrestricted operator entry. The newly designed tilt and telescopic steering wheel also permits excellent instrument visibility.

A 15-speed forward/three-speed reserve constant-mesh transmission, with all gears in each range fully synchronized, is standard. Optional transmissions include 20-speed creeper units for specialized applications.

Both models are standardly equipped with hydrostatic power steering and wet disc brakes. The 540/1000-rpm independent PTO is also standard.



Good torque rise allows Kubota's B5200 to work efficiently when under a heavy load.

## Kubota adds new 3-cyl. tractor

COMPTON, Cal. — A new three-cylinder, 13 horsepower diesel tractor is now available from Kubota Tractor Corporation. The B5200 has replaced the two-cylinder B5100, making all Kubota B Series tractors conform to the three-cylinder design.

The new tractor's liquid-cooled, three-cylinder diesel engine produces good torque rise, allowing the equipment to work efficiently when working under a heavy load. The three-cylinder design allows for a smoother running engine when compared to a two-cylinder engine.

The B5200 comes equipped with

front and rear PTO and three-point hitch, allowing it to handle a wide variety of implements.

The tractor's tight turning radius is coupled with its compact size — 100 inches in length and a overall width being as narrow as 33.9 inches on the two-wheel-drive model. The four-wheel-drive model's minimum overall width is 37 inches.

The tractor is designed to use both agricultural tires and turf tires. The fuel capacity for the B5200 is 3.8 gallons, compared to a 2.1 gallon tank on the B5100; the B5200 instrument panel includes a fuel gauge, another new feature.

The three-cylinder B5200 is available through the nearly 1000 Kubota dealers across the United States. Kubota Tractor Corporation markets a complete line of tractors from 10 to 85 PTO horsepower, along with a variety of farm, lawn and garden implements. For more information about his tractor, or other Kubota products, please contact the Kubota Tractor Corporation, 550 West Artesia Blvd., Compton, CA. 90220.

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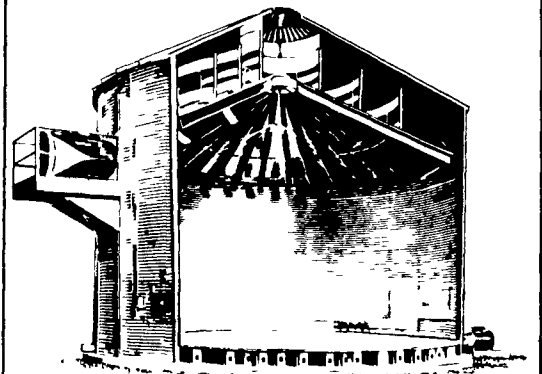
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