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Case IH Shows Magnum Tractors

RACINE, WISCONSIN — Case IH today introduced the all-new 7100 Series tractors, called the Magnum line, featuring a totally new engine, transmission and cab that will set future industry standards for performance, efficiency and operator comfort.

The Magnum line of two-wheel-drive tractors in the 130 to 195 PTO horsepower (hp) range represents a totally new approach to tractor design and manufacturing, inspired by the 1985 merger of J I Case and International Harvester.

"The research, engineering and manufacturing standards established by the Magnum tractors set the stage for future Case IH product offerings, in addition to establishing new industry performance and quality benchmarks," said Jerome K. Green, Case IH president and chief executive officer.

The Magnum line includes the Model 7110 (130 PTO hp), the Model 7120 (150 PTO hp), the Model 7130 (170 PTO hp) and the Model 7140 (195 PTO hp). A mechanical-front-drive (MFD) option is available on all models. Key features include:

- a large displacement, 505-cubic-inch turbocharged engine with high torque rise for maximum power, efficiency and long life;
- an 18-speed full powershift transmission and optional six-speed creeper for a total of 24 speeds — providing more power shifts than any other tractor in the industry; and
- a new cab — with more than 47 square feet of glass for unsurpassed visibility — that will also set new standards of comfort.

Engine Capabilities

All Magnum tractors incorporate the computer-aided designed and manufactured Family II 6T-830 turbocharged diesel engine. The Model 7140 is also aftercooled.

The water-cooled, 505-cubic-inch engine delivers more power at lower rpm, resulting in longer and cooler operation at maximum horsepower and greater fuel economy. Additionally, the engine's high torque rise and excellent lugging ability allow smooth and efficient operation regardless of soil condition or changing terrain.

The new Family II design uses 25 percent fewer parts than comparable engines and has a high degree of parts commonality with Family I engines found in other

Case IH tractors.

Magnum tractors have a controlled air-flow system that features a totally enclosed engine compartment to keep out dirt and debris. A tilt hood, unique service door and easily removable panels provide instant access to the entire engine.

Other features that further improve operating and maintenance efficiencies include:

- an exclusive Poly-Vee drive belt that does the work of multiple belts in standard engines, resulting in longer belt life and reduced servicing requirements;
- an automatic belt tensioner to further increase belt life, improve efficiency and minimize adjustments;
- a viscous fan drive on Models 7120, 7130 and 7140 for improved fuel economy and engine efficiency;

• built-in piston oil cooling and an in-block water pump to enhance efficiency and extend engine life; and

• a new heavy-duty, 110-amp alternator for additional electrical capacity to provide auxiliary power for all farming requirements.

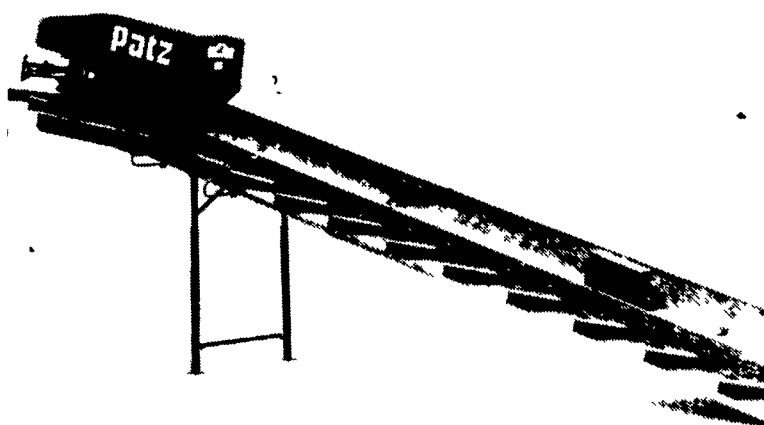
Performance Capabilities

An 18-speed full powershift transmission provides smooth, close-ratio shifting throughout the entire range.

The single-lever, on-the-go shift control provides no-clutch shifting from forward to reverse speeds and start-up capability in any gear.

An optional full powershift creeper provides six additional speeds for a total of 24 forward speeds — more than any other full powershift transmission in the industry. The creeper package allows maximum flexibility at the

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Patz New Gutter Cleaner

The new Patz stainless steel gutter cleaner slide provides longer life due to corrosion resistance. This stainless steel slide is designed for highly corrosive conditions, including hog and poultry operations. Use as a replacement slide or in a new installation.

The 12-gauge stainless steel (Type 304) with a welded box-beam center assures extra strength and rigidity. The return-side slide lip is welded in place as a standard feature.

Each slide is custom built for gutter widths of 15 to 18 inches and lengths of 16, 18 and 20 feet. However, additional lead time is required.

The new Patz stainless steel slide accommodates Patz standard and heavy-duty drive units. All Patz components such as support stands, hold-in-angle and wingboard fit the new stainless steel slide.

Contact a Patz dealer for more information. Or, contact Patz, Pound, Wisconsin 54161-0007. Phone: 414-897-2251.



Stoltzfus Feed And Supply Opens

Leon Stoltzfus has opened Stoltzfus Feed & Supply, a full service feed business in Gap, one mile south of Route 30 on Route 41.

"The people in farming today, are still the kind of people I admire most and try to work closely with," says Leon Stoltzfus. "They are individuals that are self-motivated and self-directed, which results in solid business practices and ethics. The culmination of many years of effort toward owning and operating ones own business is a basic part of America's tradition. We believe in the free enterprise system."

Stoltzfus Feed & Supply is unique in that after years of working with farmers. They wanted to find a way to help the independent farmer survive. Their concept of helping the farmer be competitive is to help him keep his feed costs down. One way they do this is by providing swine and beef base mixes for the farmer to add to his own grain. They also buy hogs for Leidy's packing.

After selling swine base mixes, baby pig starters, prestarters, and feed grade medication to farmers for the last several years, Stoltzfus decided to open a warehouse in the Gap area and expand the business to include a full line of feeds from pets to farm animals as well as salts and water softener salts.

"We want to serve the community's needs," Stoltzfus said. "Our plans are to grow with the community." In order to do this he will also add a line of mulches and lawn care products in the spring.

"We will handle anything that can be bought in a bag," Stoltzfus said. Adding to the Carl Akey products aforementioned, they are offering beef base mixes, dairy feed ingredients, calf starters and milk replacers. Vitamin and mineral mix for poultry, turkey and sheep is also available. A full line of pet feeds are available for dogs, cats, rabbits, horses and birds, as well as specialty feeds. The store handles Buckeye, Purina, Dad's, Wayne, Iams, Science Diets and ANF feeds.

Stoltzfus has hired three employees to help service customers. They will work in conjunction with nutritionists and veterinarians to offer advice on nutritional needs and will be able to special order products that are needed. Because of buying in truck load lots, many of the products are available at lower costs.

Stoltzfus Feed and Supply, which opened on July 27, is open Monday through Thursday from 7:30 a.m. until 5:30 p.m., Friday from 7:30 a.m. until 8 p.m. and Saturday from 8 a.m. until 2 p.m.

Deutz-Allis Has School



Four Pennsylvania residents receive instruction in Gleaner combine maintenance and repair during a Deutz-Allis service training school at Alfred (NY) State College. From left are John Hoffman of Coopersburg, serviceman with C.J. Wonsidler Bros., Quakertown; Dennis Wegrzynowicz of Catawissa RD 3, who represents Nichols Farm Equipment of Bloomsburg RD; John Dotterer and Ralph Stringer, both of Dotterer Equipment, Mill Hall RD 3; and L. Clifford Fisher of Butler, district service specialist for Deutz-Allis. Representatives of farm implement firms throughout New York and Pennsylvania attended the two-day special training sessions staged in Alfred State College's extensive facilities for agricultural engineering technology.