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🔗 AgraEDGE Tire Line (Titan)

With sizes ranging from 320/85R24 for row crop up to 800/70R38 flotation applications, the Titan AgraEDGE line now covers the majority of the most in-demand sizes for MFWD tractors, as well as offering larger sizes for 4WD tractors, grain carts and combines, with more in the development pipeline. It includes an extensive warranty, including eight-year coverage for tire workmanship and material. This includes a two-year stubble damage protection plan, a two-year no cost replacement, a prorated refund based on years in service beyond two years, and a one-year field hazard protection plan. It features a high-performing design that includes improved compounding, advanced construction and a modern lug angle for excellent traction, self-cleaning, stubble-resistance, roadability and reduced soil compaction.

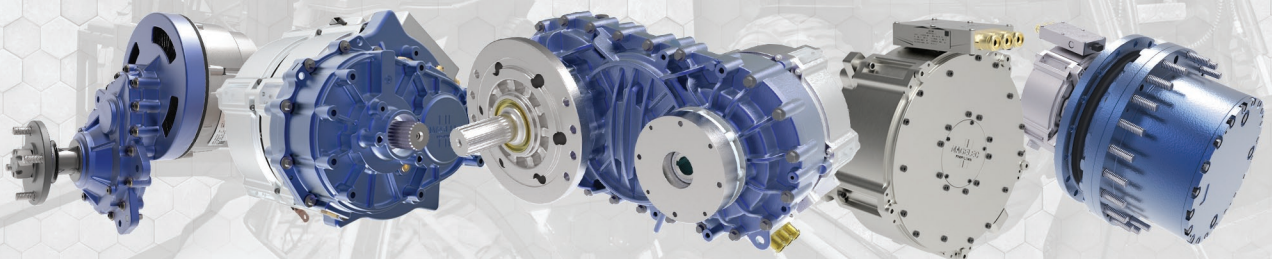
🔗 FORESTMAX Agroforestry Tire (BKT)

The FORESTMAX (radial construction) tire responds to the typical needs of agroforestry. Robustness and cut-and-chip resistance under the toughest operating conditions are key features. Features a specially developed tread compound and a steel-belted structure that significantly reduce the risk of punctures on woodland; while on rough and uneven terrain, the tire ensures excellent traction and stability thanks to its strong open shoulder. The combination of tread resistance and shoulder design makes FORESTMAX a tire with excellent self-cleaning properties, which can also be used for some agricultural operations with tractors, such as soil tillage and stone crushing.



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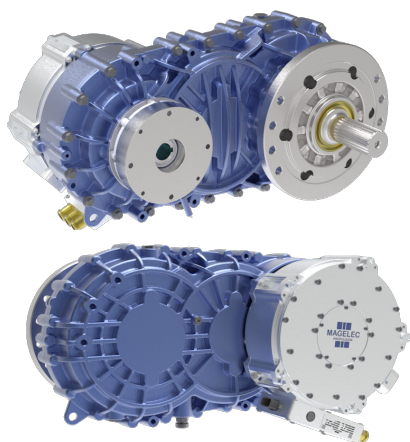
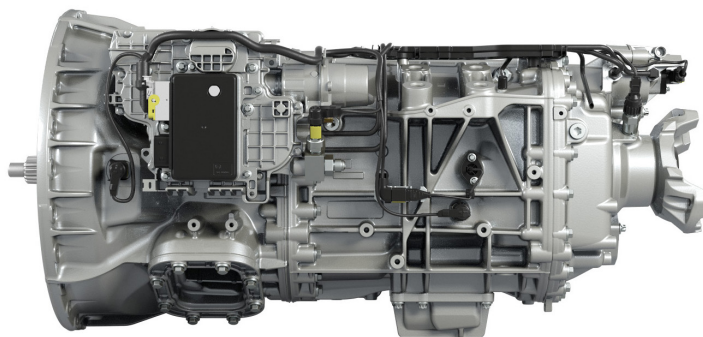


AC F5-DE dual motor controller (Curtis Instruments, Inc.)

The AC F5-DE delivers maximum torque, minimal losses, and unparalleled control in electric drive systems, providing a dependable solution for an array of mobile electric traction and hydraulic pump drive applications. The control system comprises two motor controllers, offering performance and versatility for electric drive systems in mobile equipment applications. Whether operating as a dual system controller or as two independent units, the AC F5-DE provides fully autonomous speed and torque control for dual 3-phase AC induction or PMAC traction motors. Equipped with dual ARM Cortex microprocessors, the AC F5-DE ensures efficient motor control and adaptable system management, while conforming to EN13849 functional safety requirements. The AC F5-DE boasts high-efficiency, field-oriented motor control algorithms, facilitating real-time motor torque and power optimization at the vehicle level. With IP65/IP67 environmental protection, the AC F5-DE surpasses global conformance requirements for functional safety, electrical safety, and EMC. Using the Curtis Vehicle Control Language (VCL), the AC F5-DE functions as a comprehensive system controller, eliminating the need for additional costly system controllers. Motor auto-characterization streamlines pairing with different motor types, while a library of AC motor types stored in controller memory enhances compatibility and user-friendliness.

DT12 Vocational Transmission (Detroit)

The DT12 is Detroit's Automatic Manual Transmission was recently redesigned to meet the demands of vocational applications. The DT12 Vocational model now has application coverage for construction, logging, mining, oil field, heavy haul, refuse, pickup and delivery, utility, service, wrecking, airport and rail. It also comes with specific features to assist in vocational operation such as Paver Mode, Rock Free and Off-Road Mode.



SP4000 electric drive (Omni Powertrain Technologies)

The electric powertrain designed for the propulsion of skid steers features an Omni gearbox paired with a Magelec Propulsion axial flux motor. The SP4000 gearbox offers peak efficiency and torque ratings of 97% and 4,000 Nm. The gearbox has a continuous torque rating of 2,500 Nm and a maximum input speed of 7,000 rpm. The MP21 electric motor is a liquid-cooled axial flux motor of compact design. It is designed for battery voltages between 200 to 800 Vdc. It has an IP67/IP6K9K enclosure rating for reliability. Efficiency across the operating range is greater than 95%. Motors are optimized using Magelec inverters. The flexible motor design offers positional choices for mounting inverters, HV cabling, and cooling ports.

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