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WE SUPPORT YOU, THE CUSTOMER, WE believe in long-term relationships and will provide the on going service to maintain it.

The picture above is a hybrid system using a diesel engine to drive a generator to produce electricity that ultimately powers two AC electric drives and motors, which are connected to a differential steering system. A traditional mechanical transmission is not needed, because the variable-speed electric motors serve the function of a continuously variable transmission. **This hybrid system contains a 600 Hp POWERTEC MOTOR.** The electric drive train has 60% fewer moving parts compared to previous models. The electric system also provides power to auxiliary components so that no engine belts are required.



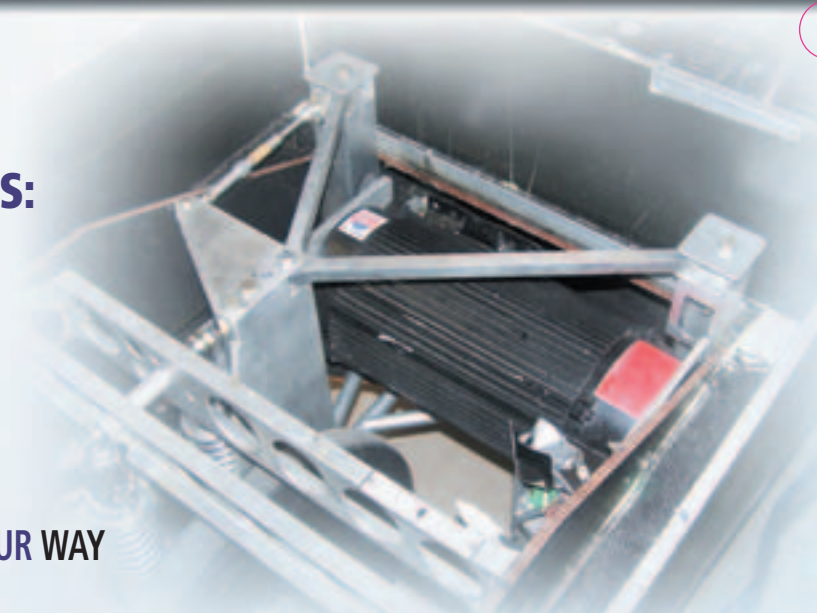
Photo courtesy of Illinois State University's Solar Car Team.

POWERTEC INDUSTRIAL MOTORS

AFFILIATE OF HBD INDUSTRIES, INC.

POWERTEC INDUSTRIAL MOTORS PROVIDES:

- CUSTOM MOUNTING FLANGE
- SPLINE OUTPUT SHAFT
- SMALL TO LARGE FRAME SIZES
- HIGH PERFORMANCE
- CUSTOM MODIFIED / MANUFACTURED YOUR WAY



Do you need fractional to over 400 hp NEMA standard motors with UL and CSA certification ?

Do you need a custom motor (special paint, IEC flange, IEC face, standard or wall foot mount or brakes) ?

POWERTEC INDUSTRIAL MOTORS HAS MADE UP TO 700 HP IN CUSTOM MOTORS.

Do you need High Efficiency, lightweight, small size with bi-directional power production, and low maintenance (Cyclic rate up to 100 cycles per second) ?

Is the Application High Speed (10,000 rpms) or High Torque (600 lb. ft.) ?

Do you need high performance or greater precision ?

Do you have a need to replace Hydraulic machines with user-friendly equipment that has less maintenance ?

**IF YOU'VE ANSWERED, "YES" TO ANY OF THE QUESTIONS ABOVE,
CONTACT POWERTEC INDUSTRIAL MOTORS.**

WORLD WIDE SALES

For more information, contact:



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