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**1328 RACINE ST., RACINE, WI 53403**

## HIGH HORSEPOWER PTO IDEAL FOR WIDE RANGE OF APPLICATIONS

Twin Disc announces the release of its newest heavy-duty power take-off, the hydraulically-actuated HP1200. With a maximum power rating of an impressive 1,243 hp at 1,800 rpm, the robust unit is built to perform in the most demanding work conditions. It's ideal for a wide range of applications such as driving pumps, grinders, crushers, dredgers, chippers, shredders, heavy-duty drills and more.

The HP1200 has a modular design allowing for both side-load "P" and in-line "I" applications with the simple change of bearing carriers. An advanced control system allowing for the smooth engagement of the driven equipment is utilized.

Another feature is its auxiliary drive pump towers with 400 hp maximum capacity per tower, or 550 hp maximum for both. They are rotatable by 0°, 45° and 90°, either clockwise or counter-clockwise, to allow for clearance in installation. Optional speed ratios are available.

Pads and splines are easily interchangeable to accommodate varying pump sizes. Sizes SAE A to E are available.

Popular options that can be built into the HP1200, either individually or combined, are an integrated reservoir and charge/lube pump. Unlike separate, externally mounted items, this saves on space and reduces the

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unit's cost when compared to traditional models. An innovative design allows for the installation of the charge/lube pump on a separate pad, freeing up all four auxiliary pads for customer use.

A spring applied, hydraulically released brake (SAHR) has been added as a standard feature. An integral, mechanical brake release allows the output shaft to easily be rotated if the driven equipment becomes jammed.

An innovative, high-capacity brake with control logic is offered as an option. It slows the output when driving large masses in a shorter amount of time.

The HP1200 is available with SAE #0 (SAE J617) input housing and 18" SAE 460 (SAE J620) input coupling. SAE #1 input housing and 14" SAE 355 input coupling will be available at a later date. Initially offered with auxiliary pump towers, a tower-less version is planned for release.

For nearly a century, Twin Disc has provided a wide variety of industries with heavy-duty industrial equipment. Like all the company's products, the HP1200 PTO is backed by its unmatched worldwide sales and service support.

Contact Twin Disc, 1328 Racine St., Racine, WI 53403.  
sales@twindisc.com; www.twindisc.com.