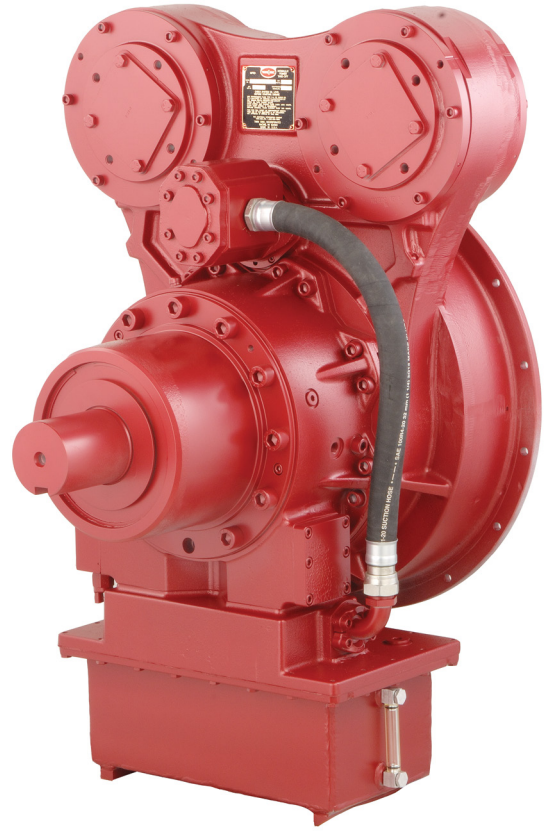


HP800

The HP800 is an oil-filled, multiple disc, hydraulically-actuated self-adjusting clutch. The HP800 has been developed with a number of unique features that offer reliability, productivity and power, including: integral mechanical brake release, optional integrated reservoir and standard hydraulic gear pump. The HP800 has been designed for a wide range of heavy-duty applications including crushers, grinders, mulchers, dredgers, heavy-duty drills and many others.

FEATURES

- Hydraulically actuated and self-adjusting wet clutch
- Suitable for in-line and side-load applications
- Advanced control system for smooth engagement
- Remote actuation via J1939 or switch input
- No pilot bearing
- High side load capability
- Maximum power rating 800 HP @ 1800 rpm
- Two towers with two pump pads each
 - 400 hp maximum capacity per tower
 - 450 hp maximum capacity for both towers
- Available pump pads:
 - SAE "A" • SAE "B" • SAE "C" • SAE "D" • SAE "E"
- Pump tower rotatable by 0°/45°/90° CW/CCW
- 1:1 standard with optional 0.83:1 & 0.77:1 speed increase on pump tower
- SAE #0 & SAE #1 input housing
- SAE 460 (18") & SAE 355 (14") input coupling
- Optional integrated reservoir
- Standard charge/lube pump included



TECHNICAL DATA

Model Number	Maximum Power Rating			Maximum Speed	Pump Tower Capacity		Weight*
	@ 1200 rpm	@ 1800 rpm	@ 2200 rpm		1 Tower (2 Pads)	2 Tower (4 Pads)	
HP800P	533 hp (397 kW)	800 hp (597 kW)	978 hp (729 kW)	2300 rpm	400 hp (298 kW)	450 hp (336 kW)	1665 lbs (755 kg)
HP800I							1572 lbs (713 kg)

* Includes dual tower, optional reservoir and standard charge pump.

