

PowerTECH

2.9L 4.5L 6.8L



DEERE
EQUIPMENT

POWERTECH 2.9 L 4.5 L

8 MODELS FROM 58 TO 225 HP (43-168 kW)

PowerTech 2.9 L, 4.5 L and 6.6 L engines maintain the standard of durability established for John Deere 2, 3 and 4-cylinder engines. They combine superior horsepower capabilities and features, proven efficiency, rugged construction and adaptable wet cylinder liners.

POWER THROUGH TECHNOLOGY

PowerTech 3.6 L engines have a new cylinder head that provides improved air flow through intake valve mounted ports, larger valves and seats, and optimum connecting rod area. The result is improved engine performance in larger tractors, fortilizers and other applications.

Many cylinder parts in the new engine design have been redesigned to reduce weight. Lowering the weight helps improve horsepower and torque output. The new engine features a redesigned cylinder head which reduces engine weight, while maintaining strength. The new head has increased internal and external flaring.

4.5 L 4 cylinders

6045D - 58, 85 hp (58, 63 kW)

6045T - 58, 90, 115, 125 hp (73, 75, 86, 93 kW)

6045H - 140 hp (104 kW)

PowerTech 4.5 L and 6.6 L engines are available with cylinder wear and expansion wear/liner from distributor wearability. The new engine also features adjustable polymer linings. The ability to adjust the linings to different positions provides superior protection durability. The adjustable polymer linings also provide multiple linings that can be replaced to provide additional wear service. A standard air auxiliary drive provides 1000 (30 kW). The new engine also has other features such as variable, adjustable front engine mounts, improved connecting rod, air matched swirl, intake bypass and exhaust styling. Overall engine weight has been reduced.



2.8 L DIESEL ENGINES

2.8L 3 cylinders
3025D - 58 hp (43 kW)
3025T - 79 hp (58 kW)

LOWER EMISSIONS

All **Perseus** engines 80 hp (60 kW) and above fulfill the applicable U.S. Environmental Protection Agency's (EPA), California (CARB), and proposed European Union (EU) emission standards for off-road diesel engines.

Long before emission controls for off-road diesel were established, John Deere was making an effort to adapt to the environment. Its installed emission testing equipment and overall in-house emission reduction revealed our latest engine series. This kind of forward thinking explains why the new engines from John Deere are designed to be much more than meet EPA regulations. **Perseus** engines are designed to meet future requirements for emissions as well as future improved performance, reliability and convenience.

EASY TO APPLY, EASY TO MAINTAIN

You want engines that fit your application, not the other way around. That's why **Perseus** engines are designed with more engine options. We have created the current mounting points for the 3025 series models, exceptional gear auxiliary drive with an 8.5 "H" flange increases the engine's application flexibility. The 3025 and 3025T configurations are standard gear auxiliary drive capable of driving air compressors and hydraulic pumps. These models also give you a choice of either side service points. Other equipment includes adjustable fuel lines and speed rates.

2.8L 6 cylinders
6065D - 225 hp (165 kW)
6065T - 255, 278, 285 hp (185, 207, 208 kW)
6065S - 230, 225 hp (170, 168 kW)



WORLDWIDE ENGINE SUPPORT

Powerflex is the latest in a long line of engine advancements. Since the first John Deere diesel engine came off the line in 1936, we've manufactured more than 1 million engines. Our engines are distributed worldwide for use in construction and agricultural machinery, air compressors, electrical generators with fueling pumps, pumps and many other critical applications. Every day, John Deere engines go to work in literally thousands of machines around the world.

All of John Deere engines power is backed by two parts distribution centers, 20 regional parts depots, and thousands of service locations. In total, we have manufacturing, distribution, and service facilities in more than 100 countries.

So when you have a John Deere engine, you not only get efficient reliable power, you also get a world of engine support.

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