

Bulletin	UK	Export	Issued
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### Vapormatic PTO Safety Components

Vapormatic stocks over 790 solutions for your PTO shaft and component needs. The parts are direct replacements suitable for Bondioli, Walterscheid and general applications. The range, developed with our manufacturing partner Benzi and Di Terlizzi, is designed to meet the requirements of customers worldwide.

As well as guards, assemblies and shafts, Vapormatic stock a wide range of PTO safety component parts, including over run, friction and automatic cam clutches and their associated parts. Manufactured using the latest technology, Vapormatic ensure consistency and accuracy of sizes, ensuring safe working in all environments.

To find out more about all Vapormatic PTO drive shafts and components, please download our comprehensive PTO catalogue [here](#) or visit [www.vapormatic.com/PTO](http://www.vapormatic.com/PTO).



Friction Clutch  
(VTE7014)



Auto Cam Clutch  
(VTE7400)



Over Run Clutch  
(VTE7206)



Shear Bolt Clutch  
(VTE7305)

#### Friction Clutch

Multiple friction plates control torque for intermittent, continuous, or overload slip. It will drive in both directions, slip when the torque setting is reached and resume driving as the load is reduced. The units are supplied preset to a define torque. The unit must be mounted at the implement end of the drive shaft. Typical applications include rotavators and forage harvesters.

#### Automatic Cam Clutch

This type of clutch prevents overloading by 'slipping' when a pre-set torque is reached. Once the load has been reduced the clutch will automatically re-engage by decreasing the transmission operation speed. Cam type clutches only work in one direction.

#### Over Run Clutch

This type of clutch will transmit power in one direction only. It is used where the implement being driven has high inertia and allows the implement to free wheel once the drive is disengaged. The unit must be mounted on the implement end of the drive shaft. Typical applications include mowers and large square balers.

#### Shear Bolt Clutch

This unit uses a bolt to transmit the torque. If the torque exceeds a certain value the bolt will shear to prevent overload. The two halves of the unit are held together by a bearing, which allows them to rotate independently. The unit must be mounted on the implement end of the drive shaft. Typical applications include vacuum slurry tankers, pasture toppers and muck spreaders.

Personal safety is equally important. Please read PTO catalogue page 1.10 for more information, or click here to download the catalogue. <https://www.vapormatic.com/ecatalogues/PEA0017>

All Vapormatic quality replacement parts carry an industry leading **12 month parts and labour warranty**. For further information on specific items please visit [www.vapormatic.com](http://www.vapormatic.com)

