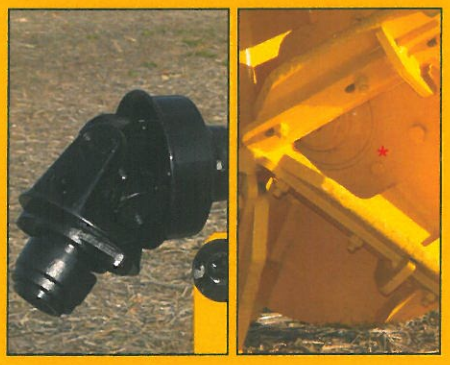
Gearbox Components

Each machine has access doors on the top and side that allows easy access to the internal components. The gearbox consists of large shafts, heavy duty sprockets, bearings, and double-80 roller chain; all enclosed and running in an oil bath. An external idler adjustment is easily accessible and should be used for chain tensioning.

Dragplate

The dragplate (shoe) on the rear of the ditcher gives the machine stability and helps prevent gouging. The dragplate is also formed to the radius of the impeller to help form the ditch in loose and wet conditions. A heavy-duty ratchet jack is standard on each unit for adjustment of the shoe.



Shear Bolts

There are two shear bolts in the front half of the PTO and one shear bolt in the impeller wheel. These bolts are designed to shear if an immovable object is struck.

Impeller Wheel

The impeller wheel contains five hard-surfaced paddles for longer life. Each paddle is designed to be re-surfaced as it wears.

Hitch and Parking Stands

Each unit is equipped with parking stands for easy hook-up and disconnection. Each unit can be used with Category II or III quick hitch by moving the bushings to the desired location.

HD

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