

Magnum Euro & Euro Open

DRIVE BELTS

Power from the tractor via the machines gearbox and half-shaft is transferred to the rotor through sets of belts - *the Euro 230 models employ a 4 belt system and Euro 250 & 280 models employ a 5 belt system*. Correct tensioning of the belts is required for both optimal operation of the machine and long lasting belt life – in order to ensure correct belt tension the machines are fitted with automatic belt tensioning.

Check tightness of the taper lock bolts on a regular basis, the torque setting is 45Nm.

Belt Tensioner

Machines are fitted as standard with an automatic belt tensioning system. The system consists of a pre-tensioned arm and strain pulley set at 22° that permanently runs on the belts exerting sufficient pressure to keep the belts correctly tensioned.

For correct tension the system must be set at an angle of 22° – an arrow is marked on the tension device to aid its setting, which should always be performed when the belts are cold.

No other adjustment or maintenance will be required on the belt tensioning system other than routine inspection and general cleaning of components when inspecting belt wear.

WARNING: Checking of belts and drive components should only be carried out with tractors engine switched off, starting key removed and the PTO shaft disconnected. Never attempt to run the machine with the belt guard removed.

Belt Tensioner ►

