



Weasler®

Integral Automatic Clutch



The integral automatic clutch disconnects the power source from the drivetrain when overload occurs, and does not reconnect until the speed is reduced. During disengagement, the patented design minimizes damaging torque spikes and heat

PERFORMANCE BENEFITS

- Repeatable **overload protection**
- Minimal torque spikes when disengaged
- **Minimal heat generation**
- **Maintenance-free** clutch
- **Maintenance-free overrunning**
- **Audible** operator notification
- **Tamper-proof**
- **Sealed** clutch
- **Consistent torque** at various universal joint angles
- Design offered with or without integral overrunning clutch, drive shaft or through-shaft options

Higher Value • Smarter Solutions



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Through shaft option



Maintenance free



Integral overrunning

DESIGN FEATURES

- Drive wedges and ring
 - Efficient overload protection is attained by transferring the axial spring force into torsional power (PATENTED)
 - Wear resistant design ensures repeatable protection
- Spring
 - The design allows the clutch to spin with minimal load while disengaged, minimizing damaging torque spikes and heat generation (PATENTED)
 - Torque protection level is determined by spring selection and verified for each assembly
- Integral yoke/hub design
 - Lower weight than competitive clutches
 - Low mass and compact length minimize bearing overhung load
 - Allows for up to 30 kN short duration thrust capacity
 - Sealed overrunning for no maintenance with normal operation
 - High torque carrying capacity at high operating angles
- Available in several (clamp) hub attachments
- Torque settings available from 1000 to 3450 Nm (higher torque settings available on request)
- Speeds up to 1000 rpm

This Weasler product is designed and developed for:



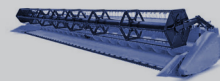
Feeder mixers



Balers



Loader wagons



Corn/grain headers



Manure spreaders