



Marland Clutch has been producing heavy-duty overrunning clutches since 1931. Primary products are backstops, clutches and clutch couplings utilizing either the principle of cylindrical rollers on inclined cam planes for low speed applications or sprag technology for high speed requirements. Worldwide installations include food processing plants, steel mills, and the mining industry.

Customer Service & Application Support

1-800-216-3515

www.marland.com

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CEBMAG Clutches

One-Way CEBMAG backstop is designed for kiln emergency drive systems. An electromagnetic brake holds the reverse load of the kiln caused by an unplanned power outage. Torque range from 500 lb.ft. to 4,000 lb.ft. Speed range from 0 to 1,800 RPM. Four basic sizes available.



Backstops

Units are designed to operate in gritty environments and provide positive roll back protection to equipment like inclined belt conveyors and bucket elevators, where reverse rotation must be prevented. Torque range from 3,000 to 720,000 lb.ft. Speed range from 0 to 300 RPM.



CECON Clutches

These clutches are used in applications that exceed normal clutch speeds, require uninterrupted and continuous duty operations, where conditions are extremely wet, dusty and abrasive or in other adverse atmospheric environments. Torque range from 500 lb.ft. to 60,000 lb.ft. Overrunning speed from 0 to 12,000 RPM. 37 different models available.



HB Clutches

Units comprised of an automatic freewheel clutch mounted on a hydrodynamic brake. Design allows brake to work only when lowering loads from drawworks cable reel. Torque range from 12,000 lb.ft. to 180,000 lb.ft. Eight models available.