

STANDARD PARALLEL & RIGHT ANGLE PARALLEL

Cleveland Gear has been producing open gearing for over 100 years. We were the first company in the U.S. to manufacture worm gearing for mass production. Today Cleveland Gear is recognized in the industry as the leader in gearing and enclosed drives. We have designed and produced custom gearing for industries such as:

- Steel Producing and Processing
- Rubber Products
- Mineral Processing
- Movable Bridges
- Material Bridges
- Overhead Cranes
- Material Handling

Cleveland Gear offers standard parallel shaft and helical-bevel right angle parallel shaft drives.

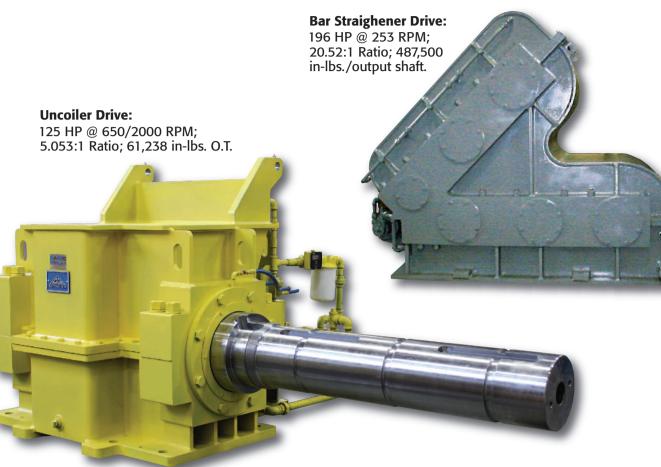
- Offered in Single thru Quad Reduction
- Fabricated Steel Housing
- 5 to 10,000 HP
- Up to 5.0 million in-lbs. of output torque

Double Reduction Parallel Shaft Drive: 20 HP @ 1750 RPM; 15.5:1 Ratio; 10,856 in-lbs. O.T.

Triple Reduction Right Angle Bevel Drive: 100 HP @ 1750 RPM; 45.54:1 Ratio; 164,000 in-lbs. O.T.

Triple Reduction Parallel Shaft Drive (T-750): 16.6 HP @ 675 RPM; 60:1 Ratio; 92,997 in-lbs. O.T.





Flattener Drive (5 Shafts): 75 HP @ 547 RPM; 1.00:1 Ratio; 2,000 in-lbs. O.T./Shaft.

Two Speed Reel Drive: 600 HP @ 500/1500 RPM; 20:1 & 50:1 Ratios; 4,348,700 in-lbs. O.T.







Rubber Mill Drive: 4,000 HP @ 900 RPM; 15.42:1 Ratio; 3,000,000 in-lbs. per output shaft; 22.26" Low Speed Centers. Uncoiler & Recoiler

- Multi-speed Drives (2,3, & 4 Speed)
- Flatteners
- Leveler Drives
- Rubber Mills
- Screw Down
- Horizontal Pinch Rolls
- Vertical Pinch Rolls
- Transfer Car
- Accumulator
- Slitters
- Cooling Bed Transfer
- Crane Bridge Drives
- Trolley Drives

Recoiler Drive: 30 HP @ 83.6 RPM; 7.41:1 Ratio; 217,000 in-lbs. O.T.

Two Speed Custom Drive-Pneumatically Shifted

> **Compactor Drive:** 150 HP @ 1800 RPM; 38.76:1 Ratio; 134,400 in-lbs. per output shaft; 24" Low Speed Centers.



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Two Speed Reel Drive: 730 HP @ 360/1440 RPM; 5.07:1 & 10.15:1 Ratios; 1,332,000 in-lbs. O.T. **Recoiler Drive:** 100 HP @ 500/2000 RPM; 16.05:1 Ratio; 201,600 in-lbs. O.T.

Stub Uncoiler Drive: 180 HP @ 500 RPM; 55:1 Ratio; 1,247,800 in-lbs. O.T.; 53,000 lbs @ 20 in.

> Furnace Charging Drive: 3 HP @ 1200 RPM; 18,900:1 Ratio; 180,000 in-lbs. O.T.

CLEVELAND GEAR CO.

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