



PLANETARY DRIVES

Planetary Gear Drives
Electric Drive Systems
Kit Assemblies & More





PowerWheel[®]

PLANETARY DRIVES

Auburn Gear, LLC is a leading designer and manufacturer of custom engineered wheel drives, axle drive components, and specialty drives and solutions for diverse mobile equipment applications. Through our expansive product portfolio of planetary gearboxes, electric drive systems, driveline systems, and differentials, Auburn Gear offers more than 120 base product models covering over 3,200 application solutions that transfer power and torque to wheels, axles, booms, augers, winches, and platforms.

Auburn Gear serves distributor and original equipment manufacturer customers ("OEM") that rely on us for our unmatched custom engineering and design support, optimized application performance and efficiency, rapid speed-to-market, and competitive lead times in the market. With a focus on accounts requiring custom engineering, Auburn Gear has built long-standing and collaborative relationships with distributor and OEM customers serving the agriculture, construction, specialty vehicle, aerial work platform, material handling, forestry, mining, oil, marine, military, airport support and automotive/truck end markets.

As a vertically integrated and **American-made** company, we take pride in overseeing every step of our production process. From sourcing materials to final assembly, our commitment to quality and craftsmanship is rooted in creating products you can trust. By keeping everything under one roof, we ensure the highest standards while contributing to the strength of American manufacturing.



WHEEL DRIVES

Model	Max. Intermit- tent Output Torque (lb-in)	Max. Intermit- tent Output Torque (N-m)	Max. Input Speeds (RPM)*	Radial Load (lb)	Radial Load (kg)	Ratios
6	50,000	5,700	5,000	10,000	4,500	3.50 – 32.79:1
6B	50,000	5,700	5,000	14,400	6,500	13.06 – 32.79:1
7	70,000	7,900	5,000	14,400	6,500	13.06 – 32.79:1
8	100,000	11,300	5,000	16,000	7,300	14.39 – 49.00:1
8B	100,000	11,300	5,000	18,800	8,500	14.39 – 49.00:1
9	130,000	14,700	5,000	18,800	8,500	14.39 – 49.00:1
145	145,000	16,400	5,000	23,100	10,500	25.71 – 49.00:1
10	180,000	20,300	5,000	30,000	13,600	16.79 – 51.35:1
200	200,000	22,600	5,000	31,900	14,500	16.79 – 51.35:1
250	250,000	28,300	4,000	36,000	16,300	19.52 – 44.97:1
350	350,000	39,600	4,000	36,000	16,300	19.52 – 44.97:1

*3,500 RPM Maximum for Single Reductions



SHAFT OUTPUT DRIVES / SPINDLE OUTPUT DRIVES

Model	Max. Intermittent Output Torque (lb-in)	Max. Intermittent Output Torque (N-m)	Max. Input Speeds (RPM)*	Radial Load (lb)	Radial Load (kg)	Ratios
3	20,000	2,300	3,500	9,900	4,500	3.60:1
4	40,000	4,500	3,500	9,900	4,500	3.69:1
5	22,000	2,500	3,500	10,000	4,500	2.79 – 5.81:1
6	50,000	5,700	3,500/5,000	10,000	4,500	3.75 – 33.79:1
6B	50,000	5,700	3,500/5,000	14,400	6,500	3.75 – 33.79:1
7	70,000	7,900	3,500/5,000	14,400	6,500	3.75 – 33.79:1
8	100,000	11,300	3,500/5,000	16,000	7,300	3.92 – 50.00:1
8B	100,000	11,300	3,500/5,000	18,800	8,500	3.92 – 50.00:1
9	130,000	14,700	3,500/5,000	18,800	8,500	3.92 – 50.00:1
9 Plus	130,000	14,700	3,500/5,000	30,000	13,600	3.92 – 50.00:1
145	145,000	16,400	3,500/5,000	23,100	10,500	3.92 – 50.00:1
10	180,000	20,300	3,500/5,000	30,000	13,600	4.22 – 52.35:1
200	200,000	22,600	3,500/5,000	31,900	14,500	27.18 – 52.35:1
250	250,000	28,300	4,000	36,000	16,300	20.53 – 45.97:1
350	350,000	39,600	4,000	36,000	16,300	20.53 – 45.97:1

*3,500 RPM Maximum for Single Reductions





COMPACT DRIVES

Model	Max. Intermittent Output Torque (lb-in)	Max. Intermittent Output Torque (N-m)	Max. Input Speeds (RPM)*	Radial Load (lb)	Radial Load (kg)	Ratios
70CD	70,000	7,900	5,000	20,000	9,100	14.30 – 393.35:1
110CD	110,000	12,400	5,000	20,000	9,100	14.30 – 66.98:1
161CD	160,000	18,000	5,000	32,680	14,800	13.31 – 37.05:1
160CD	160,000	18,000	5,000	32,680	14,800	15.20 – 239.70:1



DIRECT DRIVES (BEARING HOUSINGS)

Model	Max. Input Speeds (RPM)*	Max. Radial Load Capacity (lb)	Max. Radial Load Capacity (kg)
4	1,500	9,900	4,500
6	1,500	10,000	4,500
6B	1,500	14,400	6,500
7	1,500	14,400	6,500
8B	1,200	18,800	8,500
9	1,200	26,000	11,800
10	1,200	30,000	13,600
250	1,200	36,000	16,300

*Contact Auburn Gear for speeds above 1,000 RPM



AUGER DRIVES

Model	Max. Intermittent Output Torque (lb-in)	Max. Intermittent Output Torque (N-m)	Max. Input Speeds (RPM)*	Radial Load (lb)	Radial Load (kg)	Ratios
3	20,000	2,300	3,500	9,900	4,500	3.60:1
4	40,000	4,500	3,500	9,900	4,500	3.69:1
6	50,000	5,700	3,500/5,000	10,000	4,500	3.75 – 33.79:1
6B	50,000	5,700	3,500/5,000	14,400	6,500	3.75 – 33.79:1
7	70,000	7,900	3,500/5,000	14,400	6,500	3.75 – 33.79:1
8	100,000	11,300	3,500/5,000	16,000	7,300	3.92 – 50.00:1
8B	100,000	11,300	3,500/5,000	18,800	8,500	3.92 – 50.00:1
9	130,000	14,700	3,500/5,000	18,800	8,500	3.92 – 50.00:1
145	145,000	16,400	3,500/5,000	23,100	10,500	3.92 – 50.00:1
10	180,000	20,300	3,500/5,000	30,000	13,600	4.22 – 52.35:1
200	200,000	22,600	5,000	31,900	14,500	27.18 – 52.35:1
250	250,000	28,300	4,000	36,000	16,300	20.53 – 45.97:1
350	350,000	39,600	4,000	36,000	16,300	20.53 – 45.97:1

*3,500 RPM Maximum for Single Reductions



TWISTO TOW® DRIVES

Model	Max. Intermittent Output Torque (lb-in)	Max. Intermittent Output Torque (N-m)	Max. Input Speeds (RPM)*	Radial Load (lb)	Radial Load (kg)	Ratios
3	20,000	2,300	3,500	9,900	4,500	3.60:1
6B	50,000	5,700	3,500/5,000	14,400	6,500	3.75 – 33.79:1
6B Plus	50,000	5,700	3,500/5,000	30,000	13,600	3.75 – 33.79:1
7	70,000	7,900	3,500/5,000	14,400	6,500	3.75 – 33.79:1
8B	100,000	11,300	3,500/5,000	18,800	8,500	3.92 – 50.00:1
9	130,000	14,700	3,500/5,000	18,800	8,500	3.92 – 50.00:1
145	145,000	16,400	3,500/5,000	30,000	13,600	3.92 – 50.00:1

*3,500 RPM Maximum for Single Reductions



NON-POWERED UNIT

Model	Max. Radial Load Capacity (lb)	Max. Radial Load Capacity (kg)
6	10,000	4,500
7	14,400	6,500
8	16,000	7,300
8B	18,800	8,500
10	30,000	13,600
200	31,900	14,500





SWING DRIVES

Model	Max. Intermittent Output Torque (lb-in)	Max. Intermittent Output Torque (N-m)	Max. Input Speeds (RPM)*	Radial Load (lb)	Radial Load (kg)	Ratios
6	50,000	5,700	3,500/5,000	14,400	6,500	3.75 – 33.79:1
7	70,000	7,900	3,500/5,000	14,400	6,500	3.75 – 33.79:1
8	100,000	11,300	3,500/5,000	16,000	7,300	3.92 – 50.00:1
8B	100,000	11,300	3,500/5,000	18,800	8,500	3.92 – 50.00:1
9	130,000	14,700	3,500/5,000	18,800	8,500	3.92 – 50.00:1
9 Plus	130,000	14,700	3,500/5,000	30,000	13,600	3.92 – 50.00:1
145	145,000	16,400	3,500/5,000	23,100	10,500	3.92 – 50.00:1
10	180,000	20,300	3,500/5,000	30,000	13,600	4.22 – 52.35:1
200	200,000	22,600	5,000	31,900	14,500	27.18 – 52.35:1
250	250,000	28,300	4,000	36,000	16,300	20.53 – 45.97:1
350	350,000	39,600	4,000	36,000	16,300	20.53 – 45.97:1
*3,500 RPM Maximum for Single Reductions						



KIT ASSEMBLIES

Model	Max. Intermittent Output Torque (lb-in)	Max. Intermittent Output Torque (N-m)	Max. Input Speeds (RPM)*	Ratios
3	20,000	2,300	3,500	3.60:1
4	40,000	4,500	3,500	3.69:1
6	50,000	5,700	3,500/5,000	2.79 – 33.79:1
6B	50,000	5,700	3,500/5,000	3.75 – 33.79:1
7	70,000	7,900	3,500/5,000	3.75 – 33.79:1
8	100,000	11,300	3,500/5,000	3.92 – 50.00:1
8B	100,000	11,300	3,500/5,000	3.92 – 50.00:1
9	130,000	14,700	3,500/5,000	3.92 – 50.00:1
145	145,000	16,400	3,500/5,000	3.92 – 50.00:1
10	180,000	20,300	3,500/5,000	4.22 – 52.35:1
200	200,000	22,600	5,000	27.18 – 52.35:1
250	250,000	28,300	4,000	20.53 – 45.97:1
350	350,000	39,600	4,000	20.53 – 45.97:1
*3,500 RPM Maximum for Single Reductions				



SHAFT INPUT-SHAFT OUTPUT DRIVES

Model	Max. Intermittent Output Torque (lb-in)	Max. Intermittent Output Torque (N-m)	Max. Input Speeds (RPM)*	Radial Load (lb)	Radial Load (kg)	Ratios
5	22,000	2,500	3,500	10,000	4,500	2.79 – 5.81:1
6	50,000	5,700	3,500/5,000	10,000	4,500	3.75 – 33.79:1
6B	50,000	5,700	3,500/5,000	14,400	6,500	3.75 – 33.79:1
7	70,000	7,900	3,500/5,000	14,400	6,500	3.75 – 33.79:1
8	100,000	11,300	3,500/5,000	16,000	7,300	3.92 – 50.00:1
8B	100,000	11,300	3,500/5,000	18,800	8,500	3.92 – 50.00:1
9	130,000	14,700	3,500/5,000	18,800	8,500	3.92 – 50.00:1
145	145,000	16,400	3,500/5,000	23,100	10,500	3.92 – 50.00:1
10	180,000	20,300	5,000	30,000	13,600	17.79 – 52.35:1
200	200,000	22,600	5,000	31,900	14,500	27.18 – 52.35:1
250	250,000	28,300	4,000	36,000	16,300	20.53 – 45.97:1
350	350,000	39,600	4,000	36,000	16,300	20.53 – 45.97:1

*3,500 RPM Maximum for Single Reductions



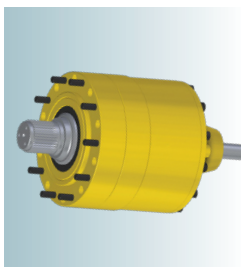
PTO DRIVES (SPEED INCREASERS)

Model	Max. Continuous (HP)	Max. Intermittent (HP)	Max. Input Speeds (RPM)	Ratios
3	36	60	540	1:3.60
5	50	75	540/1000	1:2.79, 1:3.75
8	80	100	540/1000	1:2.92, 1:3.92



VERTICAL MIXER DRIVES

Model	Max. Intermittent Output Torque (lb-in)	Max. Intermittent Output Torque (N-m)	Max. Input Speeds (RPM)	Ratios
VM20	250,000	28,300	540/1000	13.17:1, 24.46:1
VM30	350,000	39,600	540/1000	23.94:1, 26.48:1



HORIZONTAL MIXER DRIVES

Model	Max. Intermittent Output Torque (lb-in)	Max. Intermittent Output Torque (N-m)	Max. Input Speeds (RPM)	Ratios
HM10	200,000	22,600	5,000	14.09 – 52.35:1
HM20	250,000	28,300	4,000	20.53 – 45.97:1
HM30	350,000	39,600	4,000	20.53 – 45.97:1



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