












Disc	Disc Nomenclature	Min/Max Disc RPM	Amount of Material Dispensed every Disc Revolution*		Minimum Throughput - Continuous Running*		Maximum Throughput - Continuous Running*	
			35 lbs./ft ³	44 lbs./ft ³	35 lbs./ft ³	44 lbs./ft ³	35 lbs./ft ³	44 lbs./ft ³
 Default calibration # 1.50 g/rev	P030672 3 mm thick 5.7 mm diameter 72 pockets CT100562	0.2 RPM 3 RPM	1.53 g/rev 0.02 g/hole (micropellets)	1.95 g/rev 0.027 g/hole (micropellets)	0.04 lbs/hr 0.02 kg/hr	0.04 lbs/hr 0.02 kg/hr	0.61 lbs/hr 0.28 kg/hr	0.77 lbs/hr 0.35 kg/hr
		0.2 RPM 8.4 RPM			0.04 lb/hr 0.02 kg/hr	0.04 lb/hr 0.02 kg/hr	1.69 lbs/hr 0.77 kg/hr	2.17 lbs/hr 0.98 kg/hr
		0.5 RPM 11.5 RPM			0.10 lb/hr 0.045 kg/hr	0.12 lb/hr 0.05 kg/hr	2.32 lbs/hr 1.05 kg/hr	2.89 lbs/hr 1.31 kg/hr
		1.0 RPM 38 RPM See Note 4			0.19 lb/hr 0.09 kg/hr	0.26 lb/hr 0.12 kg/hr	7.66 lbs/hr 3.47 kg/hr	9.63 lbs/hr 4.37 kg/hr
 Default Calibration # 1.30 g/rev	P050660 5 mm thick 6 mm diameter 60 pockets 822.00738.00	0.2 RPM 3 RPM	1.35 g/rev 0.02 g/hole	1.70 g/rev 0.028 g/hole	0.04 lbs/hr 0.02 kg/hr	0.06 lbs/hr 0.03 kg/hr	0.42 lbs/hr 0.19 kg/hr	0.54 lbs/hr 0.24 kg/hr
		0.2 RPM 8.4 RPM			0.05 lb/hr 0.02 kg/hr	0.07 lb/hr 0.03 kg/hr	1.1 lbs/hr 0.50 kg/hr	1.37 lbs/hr 0.62 kg/hr
		0.5 RPM 11.5 RPM			0.09 lb/hr 0.04 kg/hr	0.10 lb/hr 0.05 kg/hr	1.46 lbs/hr 0.66 kg/hr	1.83 lbs/hr 0.83 kg/hr
		1.0 RPM 38 RPM See Note 4			0.17 lb/hr 0.08 kg/hr	0.22 lb/hr 0.10 kg/hr	6.48 lbs/hr 2.94 kg/hr	8.54 lbs/hr 3.87 kg/hr
 Default calibration # 4.00 g/rev	051040 5 mm thick 10 mm dia. 40 pockets CT21710	0.2 RPM 3 RPM	4.24 g/rev 0.11 g/hole	5.39 g/rev 0.13 g/hole	0.11 lb/hr 0.05 kg/hr	0.15 lb/hr 0.07 kg/hr	1.68 lbs/hr 0.76 kg/hr	2.14 lbs/hr 0.97 kg/hr
		0.2 RPM 8.4 RPM			0.11 lb/hr 0.05 kg/hr	0.15 lb/hr 0.07 kg/hr	4.71 lbs/hr 2.12 kg/hr	5.99 lbs/hr 2.72 kg/hr
		0.5 RPM 11.5 RPM			0.27 lb/hr 0.12 kg/hr	0.35 lb/hr 0.15 kg/hr	6.33 lbs/hr 2.87 kg/hr	8.00 lbs/hr 3.62 kg/hr
		1.0 RPM 38 RPM See Note 4			0.55 lb/hr 0.25 kg/hr	0.70 lb/hr 0.32 kg/hr	21.19 lbs/hr 9.61 kg/hr	27.08 lbs/hr 12.28 kg/hr
Consult factory - 40 pocket disc and 35.5 rpm motor for small pellets and coarse powder <u>only</u>								
 Default calibration # 7.30 g/rev	051725 5 mm thick 17 mm dia. 25 pockets CT21711	0.2 RPM 3 RPM	7.37 g/rev 0.30 g/hole	9.38 g/rev 0.38 g/hole	0.20 lb/hr 0.09 kg/hr	0.24 lb/hr 0.11 kg/hr	2.92 lbs/hr 1.32 kg/hr	3.70 lbs/hr 1.68 kg/hr
		0.2 RPM 8.4 RPM			0.20 lb/hr 0.09 kg/hr	0.24 lb/hr 0.11 kg/hr	8.18 lbs/hr 3.71 kg/hr	10.37 lbs/hr 4.70 kg/hr
		0.5 RPM 11.5 RPM			0.48 lb/hr 0.22 kg/hr	0.61 lb/hr 0.27 kg/hr	11.0 lbs/hr 4.99 kg/hr	14.0 lbs/hr 6.36 kg/hr
		1.0 RPM 38 RPM See Note 4			1.00 lb/hr 0.44 kg/hr	1.25 lbs/hr 0.57 kg/hr	37.04 lbs/hr 16.80 kg/hr	47.10 lbs/hr 21.36 kg/hr
 Default calibration # 13.50 g/rev	051818 5 mm thick 18 mm dia. 18 pockets CT23057	0.2 RPM 3 RPM	13.42 g/rev 0.75 g/hole	17.08 g/rev 0.95 g/hole	0.35 lb/hr 0.16 kg/hr	0.44 lb/hr 0.20 kg/hr	5.34 lbs/hr 2.42 kg/hr	6.80 lbs/hr 3.08 kg/hr
		0.2 RPM 8.4 RPM			0.35 lb/hr 0.16 kg/hr	0.44 lb/hr 0.20 kg/hr	14.96 lbs/hr 6.79 kg/hr	19.03 lbs/hr 8.63 kg/hr
		0.5 RPM 11.5 RPM			0.85 lb/hr 0.39 kg/hr	1.12 lbs/hr 0.51 kg/hr	19.60 lbs/hr 8.89 kg/hr	25.63 lbs/hr 11.62 kg/hr
		1.0 RPM 38 RPM See Note 4			1.76 lbs/hr 0.80 kg/hr	2.20 lbs/hr 1.00 kg/hr	67.44 lbs/hr 30.59 kg/hr	85.90 lbs/hr 38.95 kg/hr

- Note 1:** This guide is to be used for general disc selection for Digital Dosing unit applications. All rates shown are based on continuous throughput of free-flowing materials. Consult factory for regrind, powder and all hard-to-flow materials.
- Note 2:** Minimum recovery time is one (1) second, and maximum rate is 9.5 disc revolutions in one screw recovery cycle (injection mode). Use correct disc for molding applications to ensure proper dispensing of material during the recovery cycle.
- Note 3:** Feeder should not run continuously below 15% of maximum speed – use lower RPM motor or disc with smaller pockets.
- Note 4:** 35.5. and 38 rpm motors can only be used with soft pellets – may not have enough torque to cut hard pellets, i.e. PC, PET, nylon, etc., especially when the shear gets dull.

Disc	Disc Nomenclature	Min/Max Disc RPM	Amount of Material Dispensed every Disc Revolution*		Min Throughput - Continuous Running*		Maximum Throughput - Continuous Running*	
			35 lbs./ft ³	44 lbs./ft ³	35 lbs./ft ³	44 lbs./ft ³	35 lbs./ft ³	44 lbs./ft ³
 DT30 101820 Default calibration # 28.00 g/rev	101820 10 mm thick 18 mm dia. 20 holes CT23056	0.2 RPM 3 RPM	28.0 g/rev 1.4 g/hole	35.6 g/rev 1.7 g/hole	0.75 lb/hr 0.34 kg/hr	1.00 lb/hr 0.43 kg/hr	11.11 lbs/hr 5.04 kg/hr	14.1 lbs/hr 6.4 kg/hr
		0.2 RPM 8.4 RPM			0.75 lb/hr 0.34 kg/hr	1.00 lb/hr 0.43 kg/hr	31.11 lbs/hr 14.11 kg/hr	39.5 lbs/hr 17.9 kg/hr
		0.5 RPM 11.5 RPM			1.85 lbs/hr 0.84 kg/hr	2.31 lbs/hr 1.05 kg/hr	42.23 lbs/hr 19.15 kg/hr	52.7 lbs/hr 23.9 kg/hr
		1.0 RPM 38 RPM			3.7 lbs/hr 1.68 kg/hr	4.70 lbs/hr 2.14 kg/hr	140.76 lbs/hr 63.85 kg/hr	179.0 lbs/hr 81.2 kg/hr
 DT30-102520 "Sure-shot" Default calibration # 33.00 g/rev	P102520 10 mm thick Oval Hole 18mm x 25mm 20 holes CT66707	0.2 RPM 3 RPM	33.6 g/rev 1.3 g/hole	42.7 g/rev 1.7 g/hole	0.87 lb/hr 0.40 kg/hr	1.12 lbs/hr 0.50 kg/hr	13.10 lbs/hr 5.94 kg/hr	16.6 lbs/hr 7.5 kg/hr
		0.2 RPM 8.4 RPM			0.87 lb/hr 0.40 kg/hr	1.12 lbs/hr 0.50 kg/hr	36.67 lbs/hr 16.63 kg/hr	46.6 lbs/hr 21.1 kg/hr
		0.5 RPM 11.5 RPM			2.18 lbs/hr 0.99 kg/hr	2.77 lbs/hr 1.26 kg/hr	49.77 lbs/hr 22.57 kg/hr	63.3 lbs/hr 28.7 kg/hr
		1.0 RPM 38 RPM			4.36 lbs/hr 1.98 kg/hr	5.55 lbs/hr 2.52 kg/hr	165.81 lbs/hr 75.21 kg/hr	211.1 lbs/hr 95.7 kg/hr
 DT30-203012 Default calibration # 95.00 g/rev	203012 20 mm thick 30 mm dia 12 holes CT23060	0.2 RPM 3 RPM	95.0 g/rev 7.9 g/hole	118.7 g/rev 9.8 g/hole	2.51 lbs/hr 1.14 kg/hr	3.13 lbs/hr 1.42 kg/hr	37.73 lbs/hr 17.11 kg/hr	47.1 lbs/hr 21.3 kg/hr
		0.2 RPM 8.4 RPM			2.51 lbs/hr 1.14 kg/hr	3.13 lbs/hr 1.42 kg/hr	105.66 lbs/hr 47.93 kg/hr	131.9 lbs/hr 59.8 kg/hr
		0.5 RPM 11.5 RPM			6.28 lbs/hr 2.85 kg/hr	7.80 lbs/hr 3.54 kg/hr	143.28 lbs/hr 65.00 kg/hr	178.0 lbs/hr 80.7 kg/hr
		1.0 RPM 38 RPM			12.50 lbs/hr 5.70 kg/hr	15.65 lbs/hr 7.10 kg/hr	477.99 lbs/hr 216.81 kg/hr	596.8 lbs/hr 270.7 kg/hr
 DT30-204010F Default calibration # 150.00 g/rev	204010F 20 mm thick 40 mm dia 10 pockets CT18405	0.2 RPM 3 RPM	151.1 g/rev 15.1 g/hole	188.7 g/rev 18.8 g/hole	4.00 lbs/hr 1.80 kg/hr	5.00 lbs/hr 2.25 kg/hr	60.00 lbs/hr 27.22 kg/hr	75.0 lbs/hr 34.0 kg/hr
		0.2 RPM 8.4 RPM			4.00 lbs/hr 1.80 kg/hr	5.00 lbs/hr 2.25 kg/hr	168.00 lbs/hr 76.20 kg/hr	210.0 lbs/hr 95.2 kg/hr
		0.5 RPM 11.5 RPM			10.00 lbs/hr 4.53 kg/hr	12.43 lbs/hr 5.64 kg/hr	227.74 lbs/hr 103.28 kg/hr	283.5 lbs/hr 129.0 kg/hr
		1.0 RPM 38 RPM			20.00 lbs/hr 9.00 kg/hr	25.00 lbs/hr 11.30 kg/hr	754.65 lbs/hr 342.30 kg/hr	948.3 lbs/hr 430.1 kg/hr
 DP30-250940 Default calibration # 7.80 g/rev	P250940 2.5 mm thick 9 mm diameter 40 pockets CT100864	0.2 RPM 3 RPM	7.8 g/rev 0.2 g/hole	9.7 g/rev 0.24 g/hole	0.20 lb/hr 0.093 kg/hr	0.26 lb/hr 0.115 kg/hr	3.07 lbs/hr 1.40 kg/hr	3.87 lbs/hr 1.76 kg/hr
		0.2 RPM 8.4 RPM			0.20 lb/hr 0.093 kg/hr	0.26 lb/hr 0.115 kg/hr	8.61 lbs/hr 3.91 kg/hr	10.83 lbs/hr 4.91 kg/hr
		0.5 RPM 11.5 RPM			0.46 lb/hr 0.21 kg/hr	0.60 lb/hr 0.27 kg/hr	10.79 lbs/hr 4.90 kg/hr	13.57 lbs/hr 6.15 kg/hr
		1.0 RPM 38 RPM			1.00 lb/hr 0.47 kg/hr	1.30 lbs/hr 0.58 kg/hr	39.28 lbs/hr 17.82 kg/hr	49.08 lbs/hr 22.26 kg/hr
 DP30-050940 Default calibration #15.00 g/rev	P050940 5 mm thick 9 mm diameter 40 pockets CT100863	0.2 RPM 3 RPM	15.6 g/rev 0.3 g/hole	19.5 g/rev 0.4 g/hole	0.41 lb/hr 0.187 kg/hr	0.51 lb/hr 0.23 kg/hr	6.19 lbs/hr 2.81 kg/hr	7.73 lbs/hr 3.51 kg/hr
		0.2 RPM 8.4 RPM			0.41 lb/hr 0.187 kg/hr	0.51 lb/hr 0.23 kg/hr	17.33 lbs/hr 7.86 kg/hr	21.66 lbs/hr 9.82 kg/hr
		0.5 RPM 11.5 RPM			1.00 lb/hr 0.45 kg/hr	0.12 lb/hr 0.57 kg/hr	22.62 lbs/hr 10.62 kg/hr	28.65 lbs/hr 13.80 kg/hr
		1.0 RPM 38 RPM			2.00 lbs/hr 0.94 kg/hr	2.60 lbs/hr 1.17 kg/hr	78.57 lbs/hr 35.64 kg/hr	98.16 lbs/hr 44.52 kg/hr