EXTERNAL DRUM TECHNOLOGY PRODUCTIVITY

PRESSTEK		Media Size					Manufacturers Speed Rating (ncl. cycle time)								
Model	Comments	Axis Inches		Circumference Inches		Width (A) Image Width	Plates Per Hour @ Fixed DPI					Linear Inches Per Minute			
		Max.	Min.	Max.	Min.			2540	2400			2540	2400		
Dimension 200	2400 or 2540 DPI Factory Set	21.00	9.45	20.00	9.45	21.0		20				7.0			
Dimension 400	2400 or 2540 DPI Factory Set	30.71	9.45	26.77	9.45	30.7		20				10.2			
Dimension 800	2400 or 2540 DPI Factory Set	44.01	11.50	32.01	9.45	44.0		12				8.8			
Excel 425	2400 or 2540 DPI Factory Set	30.24	12.60	25.20	9.45	30.2		11				5.5			
Excel 450	2400 or 2540 DPI Factory Set	30.24	9.45	25.20	9.45	30.2		17				8.6			
Excel 225	2400 or 2540 DPI Factory Set	22.68	12.60	22.05	9.45	22.7		11				4.2			
Excel 250	2400 or 2540 DPI Factory Set	22.68	9.45	22.05	9.45	22.7		17				6.4			
Vector TX52 - Virtual Drum (B)	2400 or 2540 DPI Factory Set	20.90	13.00	19.88	14.38	20.9		20				7.0			
Excel 400	2400 or 2540 DPI Factory Set	30.71	9.45	26.77	9.45	30.7		20				10.2			
Excel 200	2400 or 2540 DPI Factory Set	20.87	9.45	19.69	9.45	20.9		20				7.0			
Compass 4015	2024-3048 DPI Variable	25.90	9.00	26.77	12.25	25.9		15				6.4			
Compass 4038	2024-3048 DPI Variable	25.90	9.00	26.77	12.25	25.9		38				16.4			
Compass 8022	Optional DPIs: Variable from	45.70	15.00	37.40	13.00	45.7			22				16.7		
Compass 8030	1200-2400 DPI or 1270-2540 DPI	45.70	15.00	37.40	13.00	45.7			30				22.8		
Vector FL52 - Virtual Drum (B)	2400 DPI Factory Set (C)	15.00	11.02	19.88	14.37	20.7			16				5.3		
		20.67	20.07												

(A) Width of the media is irrelevant since the laser is engineered to expose the maximum width of the drum regardless of the width of the media being exposed.

(B) Virtual Drum describes the engineering concept where the plate is positioned by guides on each side in a concave position simulating the curvature of a drum.

(C) Axis measure is variable between both the maximum and minimum plate sizes.