



## Rowmark Sheet: Trotec 60 Watt Laser Settings Guide

The laser settings in this document are for reference purposes only and are provided by Rowmark to our customers as a courtesy. Different laser manufacturers and wattages may produce different results. If you have specific questions relative to your laser's capability, please contact your laser company representative for their suggestions

Updated: 9/23/08

<b>Contemporary Wood Collection</b>	Raster Power	Raster Speed	PPI	Passes	Vector Power	Vector Speed	PPI	Passes	Notes
LM922-188 Cashew/Dark Brown	70	95	500	2	100	6	500	1	For best results leave masking on when vector cutting
LM922-138 Cashew/Taupe	70	95	500	1	100	6	500	1	For best results leave masking on when vector cutting
LM922-134 Cashew/Black	70	95	500	2	100	6	500	1	For best results leave masking on when vector cutting
LM922-122 Toffee/Ash	70	95	500	1	100	6	500	1	For best results leave masking on when vector cutting
LM922-112 Toffee/White	70	95	500	1	100	6	500	1	For best results leave masking on when vector cutting
LM922-022 Cinnamon Stick/Ash	70	95	500	1	100	6	500	1	For best results leave masking on when vector cutting
LM922-222 Cinnamon Stick/White	70	95	500	1	100	6	500	1	For best results leave masking on when vector cutting
LM922-082 Kona/Ash	70	95	500	1	100	6	500	1	For best results leave masking on when vector cutting
LM922-0512 Kona/White	70	95	500	1	100	6	500	1	For best results leave masking on when vector cutting

<b>Frosted Acrylics</b>	Raster Power	Raster Speed	PPI	Passes	Vector Power	Vector Speed	Hz	Passes	Notes
442-101 Crystal Ice	N/A	N/A	N/A	N/A	60	25	10000	2	For best results leave masking on when vector cutting
442-501 Ice Blue	N/A				60	25	10000	2	For best results leave masking on when vector cutting
442-501 Glass Green	N/A	N/A	N/A	N/A	60	25	10000	2	For best results leave masking on when vector cutting
<b>Metalgraph Plus</b>	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
MP9X2-314 Brushed Stainless Steel/Black	60	100	500	1	90	5	10000	1	For best results leave masking on when vector cutting

MP9X2-864 Brushed Copper Penny/Black	60	100	500	1	90	5	10000	1	For best results leave masking on when vector cutting
MP9X2-764 Brushed Antique Gold/Black	60	100	500	1	90	5	10000	1	For best results leave masking on when vector cutting
MP9X2-364 Brushed Bright Nickel/Black	60	100	500	1	90	5	10000	1	For best results leave masking on when vector cutting
MP9X2-316 Brushed Stainless Steel/Red	60	100	500	1	90	5	10000	1	For best results leave masking on when vector cutting
MP9X2-315 Brushed Stainless Steel/Blue	60	100	500	1	90	5	10000	1	For best results leave masking on when vector cutting
MP9X2-766 Brushed Antique Gold/Red	60	100	500	1	90	5	10000	1	For best results leave masking on when vector cutting
MP9X2-765 Brushed Antique Gold/Blue	60	100	500	1	90	5	10000	1	For best results leave masking on when vector cutting

<b>Multigraph</b>	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
MG922-602 Mercury Red/White	50	100	500	1	70	2.5	10000	2	For best results leave masking on when vector cutting
MG922-704 Solar Yellow/Black	50	100	500	1	70	2.5	10000	2	For best results leave masking on when vector cutting
MG9X2-512 Moonstone/White	60	100	500	1	100	5	10000	2	For best results leave masking on when vector cutting, then remove masking to raster engrave.
MG9X2-402 Onyx/White	60	100	500	1	100	5	10000	2	For best results leave masking on when vector cutting, then remove masking to raster engrave.
MG9X2-204 Northstar/Black	60	100	500	1	100	5	10000	2	For best results leave masking on when vector cutting, then remove masking to raster engrave.

<b>ColorCast Acrylics</b>	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
CC352-600 Red	100	80	1000	1	100	1.5	10000	4	For best results leave masking on when vector cutting, then remove masking to raster engrave.
CC352-620 Burgundy	100	80	1000	1	100	1.5	10000	4	For best results leave masking on when vector cutting, then remove masking to raster engrave.
CC352-500 Blue	100	80	1000	1	100	1.5	10000	4	For best results leave masking on when vector cutting, then remove masking to raster engrave.
CC352-550 Navy Blue	100	80	1000	1	100	1.5	10000	4	For best results leave masking on when vector cutting, then remove masking to raster engrave.

CC352-850 Almond	100	80	1000	1	100	1.5	10000	4	For best results leave masking on when vector cutting, then remove masking to raster engrave.
CC352-200 White	100	80	1000	1	100	1.5	10000	4	For best results leave masking on when vector cutting, then remove masking to raster engrave.
CC352-300 Grey	100	80	1000	1	100	1.5	10000	4	For best results leave masking on when vector cutting, then remove masking to raster engrave.
CC352-400 Black	100	80	1000	1	100	1.5	10000	4	For best results leave masking on when vector cutting, then remove masking to raster engrave.
CC352-710 Gold	100	80	1000	1	100	1.5	10000	4	For best results leave masking on when vector cutting, then remove masking to raster engrave.
CC352-330 Silver	100	80	1000	1	100	1.5	10000	4	For best results leave masking on when vector cutting, then remove masking to raster engrave.
CC352-100 Clear	100	80	1000	1	100	1.5	10000	4	For best results leave masking on when vector cutting, then remove masking to raster engrave.
All colors 1/8"	100	80	1000	1	100	1.5	10000	2	For best results leave masking on when vector cutting, then remove masking to raster engrave.
<i>For a clear/polished look in the engraving, repeat the raster engraving using the same settings, but out of focus by .020"</i>									

<b>LaserMax</b>	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
LM922-602 Crimson/White	60	100	500	2	100	5	10000	1	
LM922-607 Crimson/Yellow	60	100	500	2	100	5	10000	1	
LM922-622 Claret/White	60	100	500	2	100	5	10000	1	
LM922-612 Tangerine/White	60	100	500	2	100	5	10000	1	
LM922-704 Canary/Black	60	100	500	2	100	5	10000	1	
LM922-932 Kelley Green/White	60	100	500	1	100	5	10000	1	
LM922-972 Celadon Green/White	60	100	500	1	100	5	10000	1	

<b>LaserMax, cont.</b>	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
LM922-912 Evergreen/White	60	100	500	1	100	5	10000	1	
LM922-512 Sky Blue/White	60	100	500	1	100	5	10000	1	
LM922-552 Patriot Blue/White	60	100	500	1	100	5	10000	1	
LM922-517 Sky Blue/Yellow	60	100	500	1	100	5	10000	1	
LM922-382 China Blue/White	60	100	500	1	100	5	10000	1	
LM922-582 Purple/White	60	100	500	1	100	5	10000	1	
LM922-206 White/Crimson	60	100	500	1	100	5	10000	1	

LM922-205 White/Sky Blue	60	100	500	1	100	5	10000	1	
LM922-204 White/Black	60	100	500	1	100	5	10000	1	
LM922-854 Almond/Black	60	100	500	1	100	5	10000	1	
LM922-312 Smoke Grey/White	60	100	500	1	100	5	10000	1	
LM922-402 Black/White	60	100	500	1	100	5	10000	1	
LM922-407 Black/Yellow	60	100	500	1	100	5	10000	1	
LM922-417 Black/Gold	60	100	500	1	100	5	10000	1	
LM922-413 Black/Silver	60	100	500	1	100	5	10000	1	
LM922-734 Br. Gold/Black	60	100	500	1	100	5	10000	1	
LM922-754 European Gold/Black	60	100	500	1	100	5	10000	1	
LM922-354 Br. Aluminum/Black	60	100	500	1	100	5	10000	1	
LM922-334 Br. Silver/Black	60	100	500	1	100	5	10000	1	
LM922-344 Smooth Silver/Black	60	100	500	1	100	5	10000	1	
LM922-894 Br. Copper/Black	60	100	500	1	100	5	10000	1	
LM922-884 Deep Bronze/Black	60	100	500	1	100	5	10000	1	
LM922-577 Celestial Blue/Gold	60	100	500	1	100	5	10000	1	

<b>LaserLIGHTS</b>	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
S61-* Black/White	50	80	1000	1	50	7	10000	1	
S62-* White/Black	60	100	1000	1	50	7	10000	1	
S63-* Br. Silver/Black	60	100	1000	1	50	7	10000	1	
S64-* Br. Brass/Black	60	100	1000	1	50	7	10000	1	
S65-* Black/Gold	60	100	1000	1	50	7	10000	1	
S66-* Red/White	50	80	1000	1	50	7	10000	1	
S67-* Blue/White	50	80	1000	1	50	7	10000	1	
S68-* Yellow/Black	60	100	1000	1	50	7	10000	1	
S69-* Br. Bronze/Black	60	100	1000	1	50	7	10000	1	
S73-* Smooth Silver/Black	60	100	1000	1	50	7	10000	1	
S74-* Smooth Gold/Black	60	100	1000	1	50	7	10000	1	
S75-* Black/Silver	60	100	1000	1	50	7	10000	1	

<b>Textures</b>	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
822-642 Pimento/White	100	65	500	2	100	5	10000	2	
822-622 Ruby/White	100	60	500	2	100	5	10000	2	
822-652 Tangerine/White	100	65	500	2	100	5	10000	2	
822-774 Acid Yellow/Black	100	50	500	2	100	5	10000	2	
822-778 Acid Yellow/Dark Brown	100	50	500	2	100	5	10000	2	
822-962 Jungle Green/White	100	60	500	2	100	5	10000	2	
822-992 Teal/White	100	60	500	2	100	5	10000	2	
822-902 Black Forest Green/White	100	60	500	2	100	5	10000	2	
822-592 Royal Blue/White	100	50	500	2	100	5	10000	2	

822-503 Sapphire/White	100	50	500	2	100	5	10000	2	
822-382 China Blue/White	100	50	500	2	100	5	10000	2	
822-258 Bermuda Tan/Dark Brown	100	65	500	2	100	5	10000	2	
822-854 Desert Sand/Black	100	60	500	2	100	5	10000	2	
822-892 Coffee Bean/White	100	60	500	2	100	5	10000	2	
822-246 White/Red	100	65	500	2	100	5	10000	2	
822-205 Winter White/Blue	100	65	500	2	100	5	10000	2	
822-244 Winter White/Black	100	65	500	2	100	5	10000	2	
822-302 Ash Grey/White	100	60	500	2	100	5	10000	2	
822-374 Ash Grey/Black	100	60	500	2	100	5	10000	2	
822-422 Coal Black/White	100	70	500	2	100	5	10000	2	

<b>FlexiBrass &amp; FlexiColor</b>	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
602-677 Port Wine/Brass	60	100	1000	1	20	2.5	10000	1	
602-577 Celestial Blue/Brass	60	100	1000	1	20	2.5	10000	1	
602-937 Verde/Brass	60	100	1000	1	20	2.5	10000	1	
602-735 Br. Gold/Blue	60	100	1000	1	20	2.5	10000	1	
602-734 Br. Gold/Black	60	100	1000	1	20	2.5	10000	1	
602-884 Deep Bronze/Black	60	100	1000	1	20	2.5	10000	1	
602-894 Br. Copper/Black	60	100	1000	1	20	2.5	10000	1	
602-354 Br. Aluminum/Black	60	100	1000	1	20	2.5	10000	1	
602-417 Matte Black/Brass	60	100	1000	1	20	2.5	10000	1	
602-427 Glossy Black/Brass	60	100	1000	1	20	2.5	10000	1	
602-602 Red/White	60	100	1000	1	20	2.5	10000	1	
602-744 Yellow/Black	60	100	1000	1	20	2.5	10000	1	
602-512 Blue/White	60	100	1000	1	20	2.5	10000	1	
602-204 White/Black	60	100	1000	1	20	2.5	10000	1	
602-402 Black/White	60	100	1000	1	20	2.5	10000	1	

<b>LASERmag</b>	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
LM63-1224 Br. Silver/Black	70	100	1000	1	50	5	10000	2	
LM64-1224 Br. Gold/Black	70	100	1000	1	50	5	10000	2	
LM65-1224 Black/Gold	70	100	1000	1	50	5	10000	2	

<b>LaserMark</b>	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
922-602 Red/White	60	100	1000	2	100	5	10000	1	
922-607 Red/Yellow	60	100	1000	2	100	5	10000	1	
922-704 Yellow/Black	60	100	1000	1	100	5	10000	1	
922-932 Bright Green/White	60	100	1000	1	100	5	10000	1	
922-912 Pine Green/White	60	100	1000	1	100	5	10000	1	

922-502 Sapphire/White	60	100	1000	2	100	5	10000	1	
922-512 Blue/White	60	100	1000	2	100	5	10000	1	
922-512 Blue/Yellow	60	100	1000	2	100	5	10000	1	
922-552 Navy Blue/White	60	100	1000	2	100	5	10000	1	
922-822 Medium Brown/White	60	100	1000	1	100	5	10000	1	
922-842 Dark Brown/White	60	100	1000	1	100	5	10000	1	
922-228 Ivory/Brown	60	100	1000	1	100	5	10000	1	
922-206 White/Red	60	100	1000	1	100	5	10000	1	
922-205 White/Blue	60	100	1000	1	100	5	10000	1	
922-204 White/Black	60	100	1000	1	100	5	10000	1	
922-322 Light Grey/White	60	100	1000	1	100	5	10000	1	
922-312 Grey/White	60	100	1000	1	100	5	10000	1	
922-407 Black/Yellow	60	100	1000	1	100	5	10000	1	
922-402 Black/White	60	100	1000	1	100	5	10000	1	
922-417 Black/Gold	60	100	1000	1	100	5	10000	1	
922-577 Celestial Blue/Gold	60	100	1000	1	100	5	10000	1	
922-937 Verde/Gold	60	100	1000	1	100	5	10000	1	
922-677 Port Wine/Gold	60	100	1000	1	100	5	10000	1	
922-734 Br. Gold/Black	60	100	1000	1	100	5	10000	1	
922-754 European Gold/Black	60	100	1000	1	100	5	10000	1	
922-354 Br. Aluminium/Black	60	100	1000	1	100	5	10000	1	
922-334 Br. Silver/Black	60	100	1000	1	100	5	10000	1	
922-344 Smooth Silver/Black	60	100	1000	1	100	5	10000	1	
922-894 Br. Copper/Black	60	100	1000	1	100	5	10000	1	
922-884 Deep Bronze/Black	60	100	1000	1	100	5	10000	1	
922-152 Cherry/White	60	100	1000	1	100	5	10000	1	
922-172 Walnut/White	60	100	1000	1	100	5	10000	1	
922-192 English Walnut/White	60	100	1000	1	100	5	10000	1	
922-002 Black Walnut/White	60	100	1000	1	100	5	10000	1	

<b>Reverse LaserMark</b>	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
922-601 Matte/Red	60	100	1000	1	100	5	10000	1	
922-621 Matte/Burgundy	60	100	1000	1	100	5	10000	1	
922-511 Matte/Blue	60	100	1000	1	100	5	10000	1	
922-551 Matte/Navy Blue	60	100	1000	1	100	5	10000	1	
922-201 Matte/White	60	100	1000	1	100	5	10000	1	
922-221 Matte/Ivory	60	100	1000	1	100	5	10000	1	
922-401 Matte/Black	60	100	1000	1	100	5	10000	1	
922-711 Matte/Smooth Gold	60	100	1000	1	100	5	10000	1	
922-710 Gloss/Smooth Gold	60	100	1000	1	100	5	10000	1	

922-341 Matte/Smooth Silver	60	100	1000	1	100	5	10000	1	
922-340 Gloss/Smooth Silver	60	100	1000	1	100	5	10000	1	
For a clear/polished look in the engraving, repeat the raster engraving using the same settings, but out of focus by .020"									

ADA Alternative	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
All colors 1/32"					100	5	10000	1	If material has adhesive on the back, you may need to reduce the speed or complete more than 1 pass
All colors 1/16"					100	5	10000	2	

Granites Deluxe	Raster Power	Raster Speed	PPI	Raster Passes	Vector Power	Vector Speed	Hz	Vector Passes	Notes
722-514 Glacier Blue/Black	100	50	1000	2 +	70	2	500	2	Due to Granites Deluxe thick cap, raster engraving may require multiple passes at high watts of power.
722-517 Glacier Blue/Gold	100	50	1000	2 +	70	2	500	2	
722-512 Glacier Blue/White	100	50	1000	2 +	70	2	500	2	
722-914 Jade/Black	100	50	1000	2 +	70	2	500	2	
722-917 Jade/Gold	100	50	1000	2 +	70	2	500	2	
722-912 Jade/White	100	50	1000	2 +	70	2	500	2	
722-817 Sandstone/Gold	100	50	1000	2 +	70	2	500	2	
722-818 Sandstone/Dark Brown	100	50	1000	2 +	70	2	500	2	
722-812 Sandstone/White	100	50	1000	2 +	70	2	500	2	
722-317 Charcoal/Gold	100	50	1000	2 +	70	2	500	2	
722-312 Charcoal/White	100	50	1000	2 +	70	2	500	2	
722-510 Clear/Glacier Blue	100	50	1000	2 +	70	2	500	2	
722-910 Clear/Jade	100	50	1000	2 +	70	2	500	2	
722-810 Clear/Sandstone	100	50	1000	2 +	70	2	500	2	
722-310 Clear/Charcoal	100	50	1000	2 +	70	2	500	2	