

Product: **DPL Magic/Genesis/Nexus Marker**

 Series: **Business Diode IR**


	DPL Magic Marker	DPL Genesis Marker	DPL Nexus Marker
Laser type	actively Q-switched solid-state laser Nd:YAG		
Wave length	1064 nm		
Laser power	5 W	8 W	12 W
Beam quality M ²	< 1,5		< 2
Pulse length	15 - 100 ns		
Pulse repetition rate	1 - 100 kHz		
Pilot laser	650 nm, < 1 mW		
Laser class	4		
Functional safety in accordance with DIN EN ISO 13849-1	PLe		
Power supply	85 - 264 VAC/6 A/50 - 60 Hz		
Power consumption max.	450 W	550 W	600 W
Fuse protection	110 VAC: 2 x 5 AT, 220 VAC: 2 x 2.5 AT		
PC interface	USB 2.0		
Interlock connection	dual-circuit interlock, SD-Ready		
Laser control interface for	external emission light, signal ready, 8 freely programmable in-/outputs, optional connections for encoder, optional trim-interface		
Scanning speed	< 10 m/sec		
Marking software	Magic Mark V3		
Marking field size and focusing length (depending on the focusing objective)	60 mm x 60 mm for 138 ± 3 mm 110 mm x 110 mm for 220 ± 3 mm 180 mm x 180 mm for 384 ± 6 mm		
Operating temperature, air humidity	25 °C ± 5 °C, 30% - 85%, non-condensing		
Weight	20 kg		
Dimensions L x W x H	740 mm x 201 mm x 233 mm		

