

TECHNICAL SPECIFICATION	ENAVISION TWIN 250 P	ENAVISION TWIN 250 F
GENERAL SPECIFICATION		
Production Volume (mm ³)	250X250X300 (9,8x9,8x11,8 in)	250X250X300 (9,8x9,8x11,8 in)
Adjustable Layer Height	20-100 µm (0,0007 - 0,004 in)	20-100 µm (0,0007 - 0,004 in)
Laser Type	Fiber laser	Fiber laser
Laser Power	2 x 500 W*	2 x 500 W*
Dimension (LxWxH)	2700x1440x2030 (106,3x56,7x79,9 in)	2700x1440x2030 (106,3x56,7x79,9 in)
Electrical Connection (Voltage)	400 V 3 PH, 50/60 Hz	400 V 3 PH, 50/60 Hz
Electrical Connection (Current)	32 A	32 A
Inert Gas	Argon / Nitrogen	Argon / Nitrogen
O2 Level	<100 ppm	<100 ppm
Vacuum Pump	Yes	Yes
Operating System	Windows 10 / X	Windows 10 / X
Network	Ethernet / Ethercat	Ethernet / Ethercat
Building Platform Preheat	up to 200 °C	up to 200 °C
OPTICAL SCANNING SYSTEM		
Scanning Speed	Up to 11 m/S (433,07 in)	Up to 11 m/S (433,07 in)
Scanning System	3D dynamic focused scanning system	3D dynamic focused scanning system
Cooling System	Water	Water
CONTROL UNIT		
Ccontrol System	Beckhoff Industrial PC	Beckhoff Industrial PC
Processor	Intel i5-i7	Intel i5-i7
Operating System	Windows 10 / X	Windows 10 / X
HMI	21.5 in, touch operated	21.5 in, touch operated
SOFTWARE		
Data Preparation Software	Materiliase Magics and Modules	Materiliase Magics and Modules
Data Processing Software	Ermaksan Build Processor	Ermaksan Build Processor
Supported File Types	STL , 3MF, AMF,, DAE , FBX, VRML ...	STL , 3MF, AMF,, DAE , FBX, VRML ...