

	1000S	1500A	2000E	2000C	2000S	4000E	6000	8000B/C	8000A
Basic parameters									
Recommended Power Range	<1.5kW	1.5~3kW	1.5~3kW	3~6kW	6~8kW	3-8kW	6~12kW	6~20kW	6~30kW
Maximum space acceleration	1G	1.5G	2G	1.5G	2G	2G	2G	5G	5G
Maximum machining acceleration	1G	1.5G	2G	1.5G	2G	2G	2G	5G	5G
Maximum speed	100m/min	100m/min	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Maximum processing speed	100m/min	100m/min	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited	unlimited
Hardware Configuration									
the host	-	-	-	-	-	-	-	√/-	√
BC-LINK	-	-	-	-	-	-	-	-	√
HypPanel touch screen	-	-	-	-	-	-	-	-	√
Height controller	√	√	√	√	√	√	√	√	√
IO expansion board	√	√	√	√	√	√	√	√	√
real-time bus	-	-	√	-	-	√	√	√	√
system performance									
torque protection	-	-	√	-	-	√	√	√	√
Vision Anti-Collision Protection	-	-	-	-	-	-	-	√	√
Follow-up anti-collision induction	√	√	√	√	√	√	√	√	√
Frontier defense	-	-	√	√	√	√	√	√	√
PID parameter self-tuning	-	-	√	-	-	√	√	√	√
Flexible acceleration and deceleration	-	-	√	-	-	√	√	√	√
Corner Shock Resistant	-	-	√	-	-	√	√	√	√
Double drive anti-twist detection	-	-	√	√	√	√	√	√	√
Gantry Synchronization	-	-	√	√	√	√	√	√	√
Interferometer Data Compensation	-	-	√	√	√	√	√	√	√
error measurement	√	√	√	√	√	√	√	√	√
Inertia determination	-	-	√	-	-	√	√	√	√
System Delay Measurement	-	-	√	-	-	√	√	√	√
Servo parameter writing	-	-	√	-	-	√	√	√	√
safety probe	-	-	√	-	-	√	√	√	√
Perforation detection	-	-	-	-	-	-	-	With 641H	With 641H
Process Monitoring	-	-	-	-	-	-	-	With 641H	With 641H
Melt pool detection	-	-	-	-	-	-	-	With 641H	With 641H
Optical path alignment	-	-	with BLT	-	-	with BLT	with BLT	with BLT	with BLT
Photo paper detection	-	-	with BLT	-	-	with BLT	with BLT	with BLT	with BLT
blow protection	-	-	with BLT	-	-	with BLT	with BLT	with BLT	with BLT
air pressure closed loop	-	-	-	-	-	-	-	√	√
High speed edge seeking	-	-	√	-	-	√	√	√	√
Edge finding method	manual	automatic	automatic	automatic	automatic	automatic	automatic	automatic	automatic
two-point edge finding	-	-	√	-	-	√	√	√	√
visual edge seeking	-	-	-	-	-	-	-	√	√
Disk centering	-	-	√	-	-	√	√	√	√
Multi-point high-precision edge seeki	-	-	√	-	√	√	√	√	√
Sharp corner anti-shake into the knife	-	-	√	-	-	√	√	√	√
Real-time magnification adjustment	-	-	√	√	√	√	√	√	√
One key cut off	-	-	√	√	√	√	√	√	√
Teaching cut off	-	-	-	-	√	-	-	√	√
Vertex marking	-	-	√	-	-	√	√	√	√
travel measurement	-	-	-	-	-	-	-	√	√
Obstacle avoidance	-	-	√	-	√	√	√	√	√
thread cutting function	-	-	√	-	√	√	√	√	√
production report	-	-	√	√	√	√	√	√	√
maintenance module	-	-	√	-	√	√	√	√	√

barometric calibration	-	-	with BLT	-	with BLT	with BLT	with BLT	with BLT	with BLT
Gas path diagnosis	-	-	with BLT	-	with BLT	with BLT	with BLT	with BLT	with BLT
Pre-perforation and film removal sequ	-	-	√	-	√	√	√	√	√
Single layer fine cutting	-	-	√	-	√	√	√	√	√
Modification of micro-connection and	-	-	-	-	-	-	-	√	√
Corner anti-burning process	-	-	-	-	√	-	√	√	√
Wuhenweilian	-	-	-	-	-	√	√	√	√
Dynamically adjust evaporation to ren	-	-	-	-	-	-	-	√	√
Lead drop	-	-	√	√	√	√	√	√	√