

AURORA SERIES



THUNDER
— LASER —

**LASER MARKING
MACHINE**

PRODUCT BROCHURE

STANDARD FEATURE

THE AURORA SERIES IS INTENDED EXCLUSIVELY FOR LASER MARKING USING THE SUPPLIED MARKING SOFTWARE. MATERIALS SUCH AS METAL, ANODIZED ALUMINUM, AND SEVERAL PLASTICS CAN BE PROCESSED ON THE LASER.

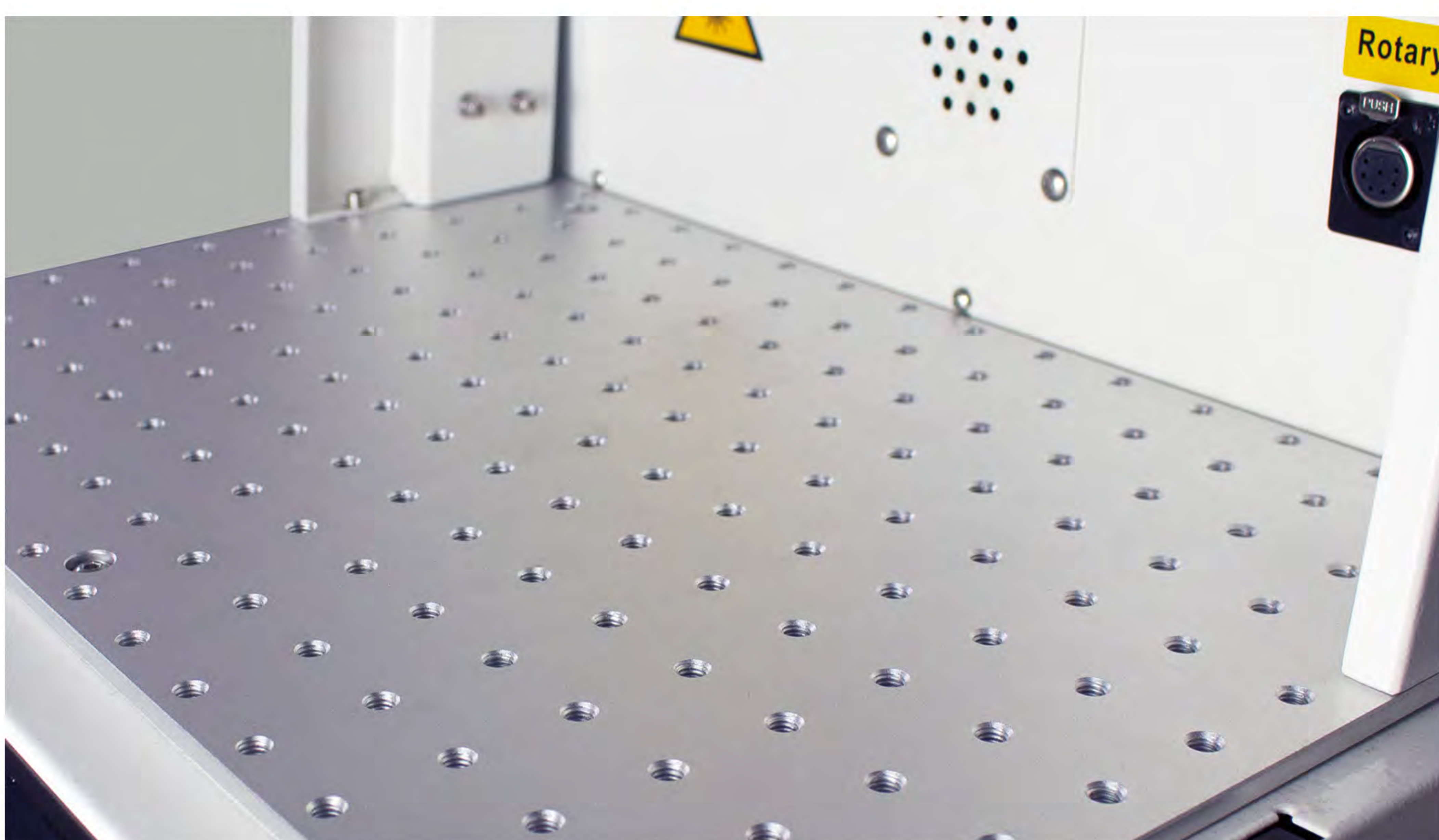


Q-SWITCHED PULSED FIBER LASER

PULSED LASER HAS THE CHARACTERISTICS OF HIGH PEAK POWER, LARGE SINGLE PULSE ENERGY AND OPTIONAL SPOT DIAMETER. IT CAN BE WIDELY USED IN MARKING, PRECISION MACHINING AND GRAPHIC CARVING OF NON-METAL, HIGH REFLECTIVE GOLD, SILVER, COPPER, ALUMINUM AND NON-HIGH REFLECTIVE STAINLESS STEEL.

GALVANOMETER

THE GALVANOMETER MOTOR ADOPTS DYNAMIC MAGNETIC STRUCTURE, WITH GOOD STABILITY, HIGH POSITIONING ACCURACY, FAST MARKING SPEED AND STRONG ANTI-INTERFERENCE ABILITY. EQUIPPED WITH AUTO FOCUS MODULE, IT CAN QUICKLY LOCATE THE WORKPIECE AND IMPROVE WORK EFFICIENCY.



MOTORIZED TABLE Z AXIS

SUPPORT AUTOFOCUS. AN ADJUSTMENT DIAL ON THE SCANNING LENS ALLOWS USERS TO QUICKLY AND EASILY ADJUST THE POSITION OF THE LASER MARKER TO MAINTAIN THE MOST SUITABLE FOCAL DISTANCE FOR THE VARYING FOCAL DISTANCE REQUIREMENTS WHEN MARKING OBJECTS OF DIFFERENT SIZES.

AURORA SERIES LASER SYSTEM IS HIGHLY INTEGRATED, COMPACT STRUCTURE, INTERNAL INTEGRATION OF LASER GENERATION SYSTEM, EASY TO LEARN, SUPPORT FUNCTION EXPANSION, CONVENIENT AUTOMATION INTEGRATION.



PRODUCTS WITH PERSONAL DEDICATION ARE BECOMING MORE AND MORE POPULAR. THE APPLICATION FIELDS ARE VERY DIVERSE. COMPANIES AND END CUSTOMERS CAN INCREASE THEIR BUSINESS BY EXPANDING THEIR PRODUCT RANGE.

■ "APPLICATION AREA"

Application industry of fiber laser marking machine

Electronic parts, various auto parts, home appliances, hardware tools, mold jewelry



STANDARD SPECS

STANDARD SPECS		
Fiber system	Aurora 20,20(MOPA)&50	
Galvo Scanner	F-110(Standard)	F-200(Optional)
Marking area	110*110mm	200*200mm
Focus Diameter	35um	50um
Max work Height	195mm	35mm
Max marking speed	2000mm/s	
Writing speed	516cps	
Position speed	11000mm/s	
Z-axis	Motorized Z-axis	
Computer	Microsoft Windows XP, VISTA, Win7, Win10	
Table Size	410x288mm	
Housing Dimensions(W*D*H)	703mmx430mmx812mm	



THUNDER
LASER

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