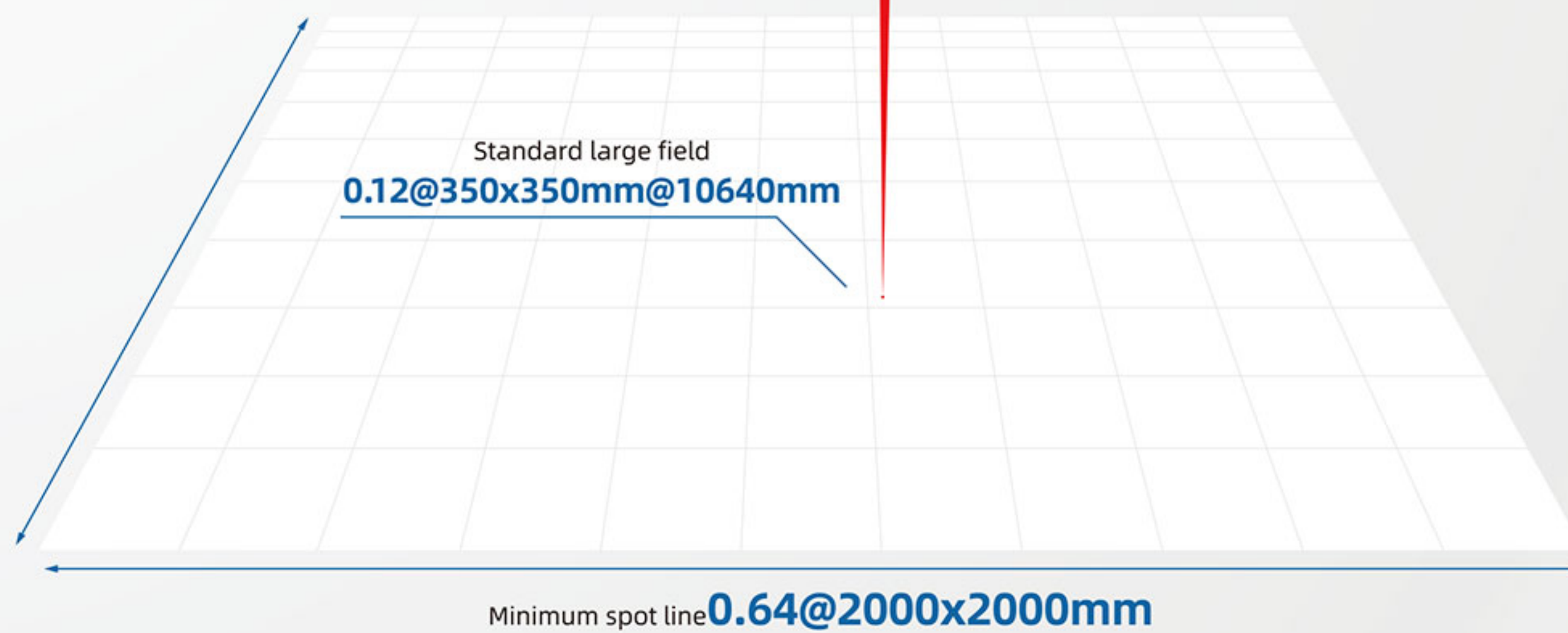
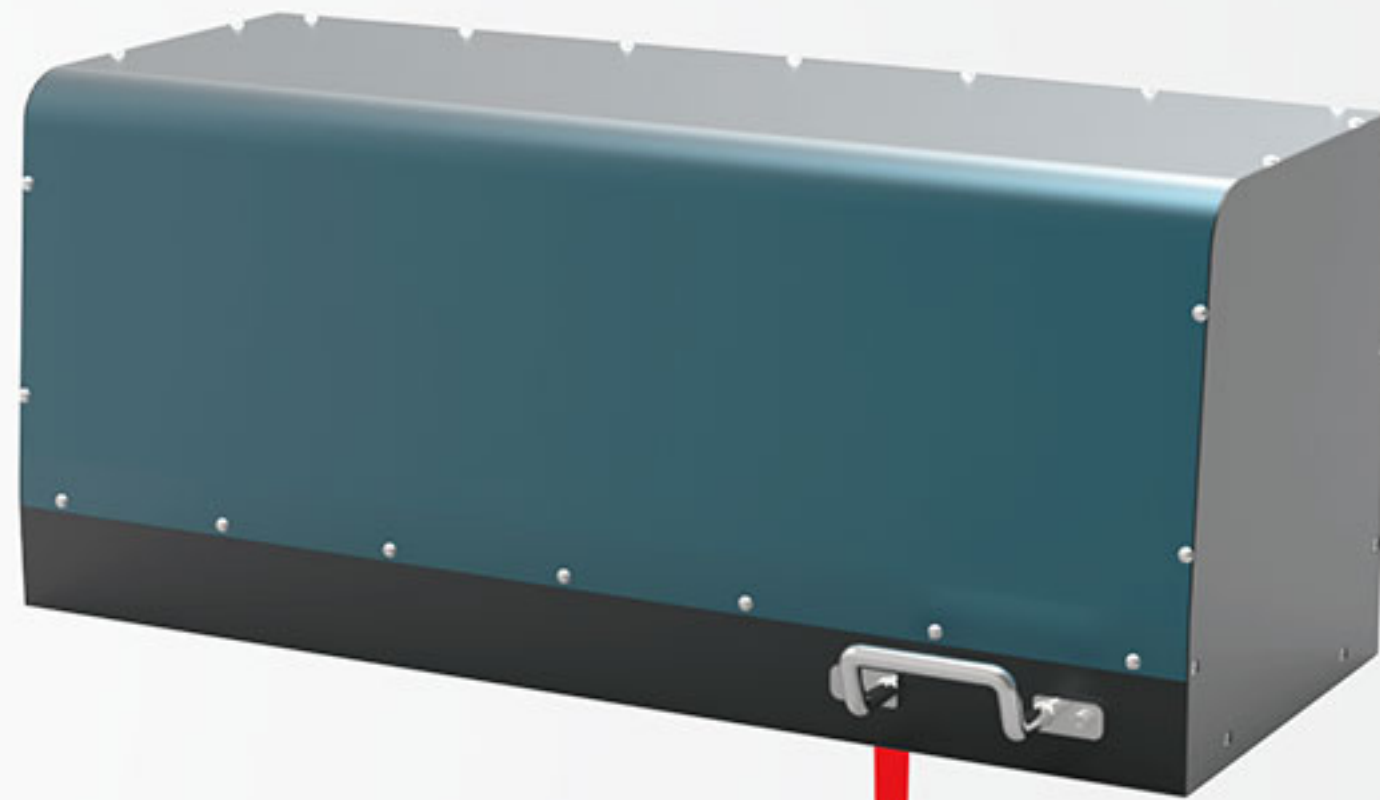


High-end industry application---super performance

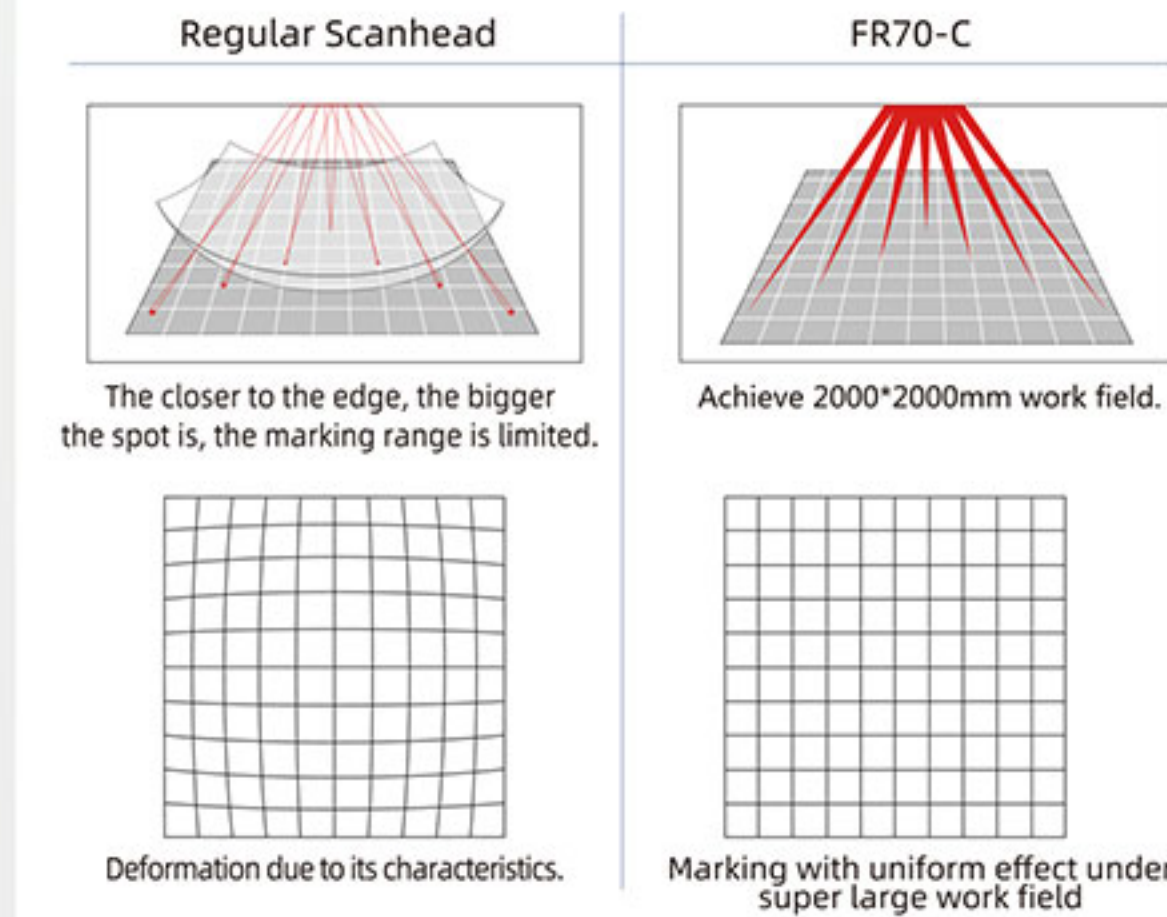
Super large work field Standard large field

- Focal adjust option: automatic, manual.



Flexible large field processing

Through the dynamic focus system control, it can be 0.64@2000x2000mm work field.

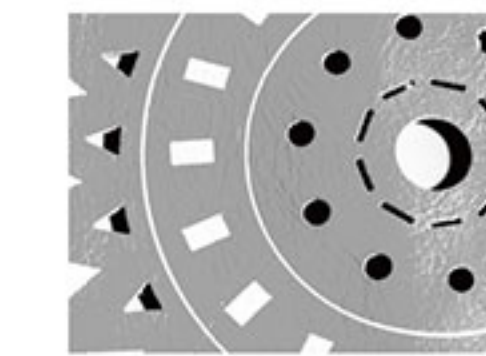


Superfine spot size

FR70-C minimum spot line 0.12@350x350mm@10640mm.



FR70-C superfine spot size, super high speed, smooth cutting effect, little heat impact.



Leather cutting without sticking and charring.

Application Highlight

APPLICATIONS

- Roll to roll leather marking
- Curved surface moving line marking
- Filming
- Drilling



Super large moving line version
(@2000x2000mm)



Super large leather marking



Super large field leather marking and cutting
(widely used in sandpaper cutting, carbon fiber cutting, leather cutting)

Product Technical Information

Technical Info.		Specifications	
Items	Output Voltage(VDC)	±24	
	Current(A)	6A(Rms)	19A(Prack)
	Protocol	XY2-100 Protocol	
	Weight (KG)	34	
	Size(mm)	655*250*278	
Cooling Condition	Cooling Media	Distilled or de-ionized water plus corrosion inhibitor	
	Temperature(°C)	22-28	
	Recommended cooling pressure(bar)	2-3	
	Recommended flow rate(l/min)	4-6	
Optical ¹⁾ Specifications	Reflect mirror(mm)	SIC	
	Wavelength(nm)	10600nm	
	Single lens transmission	≥99.7%	
	System transmission	≥82%	
	Aperture Size(mm)	≤65mm	
	Subsystem input beam diameter(mm)	13.5~15mm	
	Coating index	1/2λ(PV)	
Galvanometer Specifications	Scan Angle(°)	±11	
	Repeatability(μrad)	8	
	Max.Gain Drift(ppm/k)	100	
	Max.Offset Drift(μrad/k)	30	
	Long-term drift over 8h(mrad)	≤0.3	
	Tracking Error(ms)	≤1.2	
	Max.processing speed(mm/s)	8000mm/s@1200×1200; 4000mm/s@650×650	
Purge gas ²⁾	Purge gas	N2 (purity 99.95%) or Clean, Dry Air (purity 99.995%,oil free, 1 micron filtered)	

1) PW is not include in standard configuration.
2) Other gas which not meet the specification stated above is not permitted to apply to this sub-system.

Large Field Version

Working Field & Spot Diameter	Working Field(mm)	700×700	800×800	900×900	1000×1000	1200×1200	1600×1600	2000×2000
	The Min.Spot Diameter@1/e ² (mm)	0.27	0.31	0.34	0.38	0.43	0.54	0.64
	Focal length(mm)	716	881	1001	1121	1361	1841	2321

Small Field Version

Working Field & Spot Diameter	Working Field(mm)	350×350	450×450	550×550	650×650	750×750	850×850
	The Min.Spot Diameter@1/e ² (mm)	0.134	0.162	0.188	0.221	0.251	0.282
	Focal length(mm)	341	461	581	701	821	941

