

Roll to Roll High Speed Laser Micro Processing Machine

We support your mass production with laser high-speed drilling technology.

We develop and produce the roll-to-roll high speed laser micro processing machines equipped with our original optical system **GHS® (Grand Helical Scan)**, which is higher speed scanning process than galvano mirrors and polygon mirrors.

GHS® (Grand Helical Scan) patent

This is our original optical system that performs high-speed scanning of laser and fine hole processing while continuously transferring a roll-shaped thin film or foil.

- ✓ High-speed scanning system that transcends conventional optical systems (galvano mirrors, polygon mirrors)
- ✓ Laser power loss is suppressed as much as possible, processing is performed in 1 shot, and continuous high-speed processing is realized.
- ✓ We have equipment for prototyping up to a width of 300 mm. Processing test for mass production can be performed immediately.

	GHS180 (WI-180RR)	GHS360 (WI-360RR)
Original width	150mm	300mm
Processing width	120mm	300mm
Inner diameter (core)	76mm(3inch)	
Outer diameter	Max : Φ 500mm	
Constant speed	0.5~8m/min	0.2~10m/min
Transport speed	MAX 25m/min	MAX 20m/min
Tension	(full width)	
Meandering accuracy	Within \pm 2.0 mm	

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