FS200M-2

A High-value Proposition Metal System for Series Production

www.farsoon.com

READY FOR SERIES PRODUCTION

Featured with a versatile rectangular build envelope of 425×230×300mm and two powerful 500-Watt fiber lasers, the FS200M-2 is created to meet the highest manufacturing standards for series production in molds & tooling, automotive and many other industries; addressing customer's pain points such as productivity, cost-performance and ease of use.

SIMPLY PRODUCTION

With the combination of advanced dual-laser scanning strategies, industry-leading communication speeds, robust recoater design, the FS200M-2 is able to achieve faster production speed while ensuring required surface quality. The high-efficiency top-feed powder system and the convenient powder delivery unit offers great efficiency for material handling without disturbing the build process.

REDUCED MANUFACTURING COST

Equipped with an integrated, two-stage filter module, the FS200M-2 is suited for longer manufacturing operation and helps reducing the cost of the filter changes. The compact machine design of 3.48 square meters footprint enables denser, flexible factory layout for maximum throughput yield per floor area for a true economical production cost.

FARSOON TECHNOLOGIES

FARSOON FS200M-2

TECHNICAL DATA	FS200M-2
External Dimension (L×W×H)	2320×1500×2000 mm (91.3×59.1×78.7 in)
Build Cylinder Size[1] (L×W×H)	425×230×300 mm (16.7×9.1×11.8 in) (not including build plate thickness)
Net Weight	Approx. 2000 kg (4409.2 lb)
Layer Thickness	0.02~0.1 mm (0.0008-0.0039 in)
Scanning Speed[2]	Max. 10 m/s (32.8 ft/s)
Laser Type	Dual fiber lasers, 2×500W
Scanner	F theta lenses
Inert Gas Protection	Argon/Nitrogen
Average Inert Gas Consumption in Process	3-5 L / min
Operating System	64 bit Windows 10
Comprehensive Software	BuildStar, MakeStar®
Key Software Features	Open machine key parameters, real-time build parameter modification, three-dimensional visualization, diagnostic functions, automatic grafting alignment option available
Data File Format	STL
Power Supply	EUR/China: 400V±10%, 3~/N/PE, 50Hz, 25A US: transformer sold with machine
Operating Ambient Temperature	22-28°C (71.6-82.4°F)
Materials[3]	316L, AlSi10Mg, ST1*, Maraging Steel Grade 300*, 420*, more materials to come

1 The functional build volume depends on the parts/materials.
2 For different industries and customer needs, this data may vary.
3 The materials marked with * are in the build process development.

PART: SHOE MOLD
SYSTEM: FS200M-2
MATERIAL: 316L

www.farsoon.com

AMEA Farsoon Technologies Co., Ltd. | +86.731.8397.6198 | globalinfo@farsoon.com | No. 181 Linyu Road, Changsha National High-Tech Industrial Zone, Hunan, China
AMERICAS Farsoon Americas CORP. | +1 512-551-9901 | info@farsoonam.com | 3161 Eagles Nest Street, Suite 350, Round Rock, TX 78665
EUROPE Farsoon Europe GmbH | +49 711 13796 0 | wehelpyou@farsoon-eu.com | Liebknechtstrasse 33, 70565 Stuttgart, Germany