



SOITAAB IMPIANTI
HEAD QUARTIER | Carugate | Italy



FIBERLINE

Soitaab's Fiberline - the best in fiber laser precision and accuracy

Soitaab strongly believes in the latest Fiber Laser technology; power, precision, high dynamic performance and a remarkable speed, but always with the highest levels of quality and service.

SOITAAB, also believes in Innovation and Tradition. We have the unique advantage over many other manufacturers by owning and operating our own steel service center. By using our own equipment 24/7/365, advanced configurations and mechanical constructions are totally of our own design and manufacture. Coupled with the most advanced HMI and software, it always makes Soitaab the best and most innovative solution.

This is how SOITAAB produces medium and large-sized systems, with surprising performance. Since 1938, Soitaab has been a recognized global leader in industrial cutting machines with over 8500 machine installations worldwide. We offer the best technology at a reasonable investment, all backed by our Gold Medal Service, support and training.

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FIBERLINE
Speed and Accuracy





The LaserTECH family includes the Fiberline S and Fiberline R ranges.

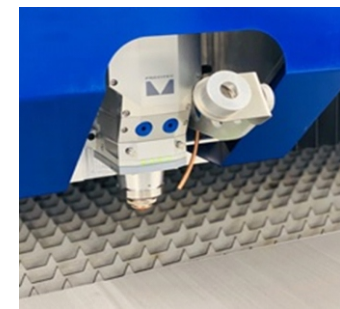


Fiberline S provides large format machines with high dynamic performance. The sturdiness of the structure combined with precise mechanical motion control configurations, guarantees the achievement of high cutting speeds coupled with the highest precision, even on large working formats

FiberlineS

Technical features

Working Areas	feet (mm)	8 ´ x 20 ´ (2.500 x 6.000 mm) 11 ½ ´ x 20 ´ (3.000 x 6.000 mm) 11 ½ ´ x 40 ´ (3.000 x 12.000 mm) 11 ½ ´ x 80 ´ (3.000 x 24.000 mm) Others upon request
Maximum travel speed	feet/min (m/min)	492´/min (150 m/min) (X;Y;U) 656´/min (200m/min) (X;Y,U) 197´/min (60 m/m/min) (Z)
Acceleration	m/s ²	1g
Z Axis Vertical Stroke	inch (mm)	Vertical Head - 6 ´ (160 mm) Bevel Head - 10 ´ (250mm)
Accuracy (mm) Positioning Repeatability	mm - inch	±0.05 mm - ±0.00197 ´ ±0.04 mm - ±0.00157 ´
Laser Power	kW	2-3-4-6-8-10-12 kW - Others upon request
Cutting Thickness	mm – (inch)	Carbon Steel: from 1 to 30 mm - from 0.04” to 1 3/16” Stainless Steel: from 1 to 25 mm - from 0.04” to 1 ´ Aluminum: from 1 to 25 mm - from 0.04” to 1 ´



Fiberline R combines the same high performance and dynamic accuracy as our large format machines in a more compact design.This range is aimed at the classic work areas of laser applications. Thanks to an innovative design and advanced technologies it is possible to achieve the same levels of high cutting speeds and output as our larger machine platforms.

FiberlineR (RED)

Technical Features

Working Areas	feet (mm)	5 ´ x 10 ´ (1.500 x 3.000 mm) 6 ½ ´ x 13 ´ (3.500 x 9.850 mm) 6 ½ ´ x 20 ´ (3.500 x 6.000 mm) Others upon request
Height	Feet (mm)	7 ½´ (2262mm)
Maximum travel speed	feet/min (m/min)	280´/min (85 m/min) (X;Y;U) 394´/min (120m/min) (X;Y,U) 197´/min (60 m/m/min) (Z)
Acceleration	Feet/ s ² (m/s ²)	5 ½´/s ² (1.7g)
Z Axis Vertical Stroke	inch (mm)	Vertical Head - 6 ´ (160 mm)
Accuracy (mm) Positioning Repeatability	mm - inch	±0.03 mm - ±0.0011 ´ ±0.015 mm - ±0.00059 ´
Laser Power	kW	2-3-4-6-8-10-12 kW - Others upon request
Cutting Thickness	mm - inch	Carbon Steel: from 1 to 30 mm - from 0.04” to 1 3/16” Stainless Steel: from 1 to 25 mm - from 0.04” to 1 ´ Aluminum: from 1 to 25 mm - from 0.04” to 1 ´
Weight	Lbs (kg)	5´ x 10´ – 30.400 lb (13800kg) 6 ½´ x 13´ – 39,132 lb (17,750 kg) 6 ½´ x 20´ – 53,600 lb (24350kg)

