

laser cutting from 0.5 to 15 mm

Fiber laser XFocus 500, 1000, 2000



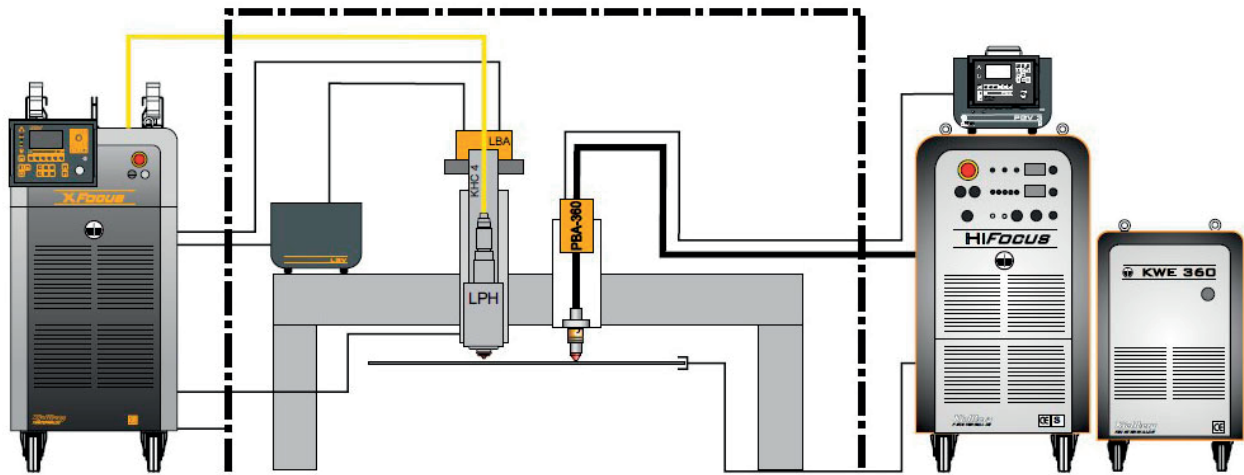
For marking and cutting of small and large contours on mild steel, stainless steel and aluminium ProCAM Ltd offers the compact fiber laser systems XFocus 500, XFocus 1000 and XFocus 2000. In addition to cutting thin sheets the systems can be combined with a plasma cutting unit or used separately and can be adapted easily to our PreciTrack/NCT guiding system.

Cutting & marking

The fibre laser systems XFocus 500, 1000 and 2000 are ready-made complete solutions for cutting and marking of mild steel to 15 mm, stainless steel to 8 mm and aluminium to 6 mm. They can be used on common guiding systems, either separately or in combination with a plasma cutting unit or other tools such as punch.

Cutting database – setting of all parameters

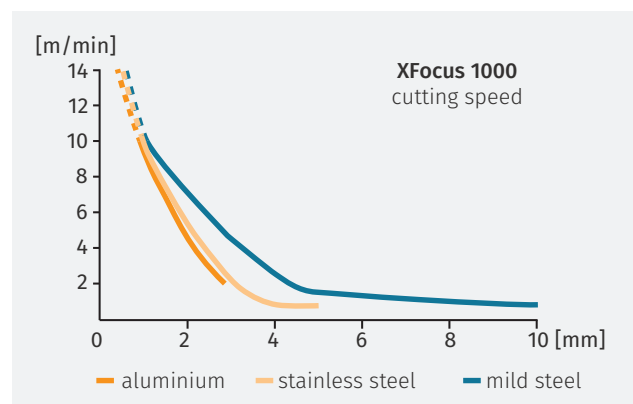
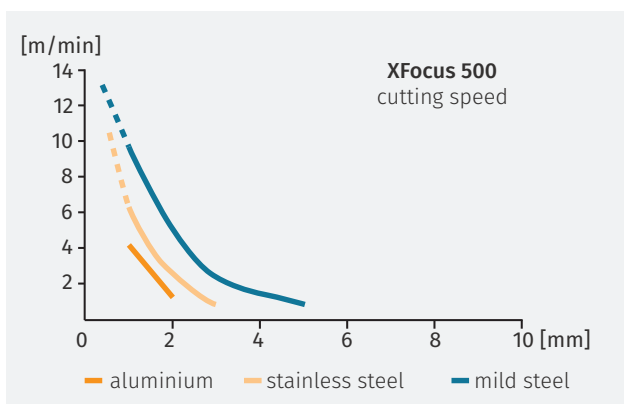
The fibre laser systems of the XFocus series are equipped with an integrated technology database for selecting the optimum cutting parameters. The user can choose from up to nine different cutting speeds depending on material and thickness. The complete cutting process with hole and edge cutting regime can be loaded from the database. All required parameters such as gas pressure, height control and the setting of the motoric focal position of the laser head are available on demand.



Connecting system: Usable on guiding system such as our PreciTrack/NCT system in combination with plasma cutting unit.

Technical data

Fiber laser	XFocus 500	XFocus 1000	XFocus 2000
Power	500 W	1000 W	2000 w
Wave length	1070 nm		
Mains voltage	400-480 V; 3 Ph.; 50/60 Hz		
Connected load max.	6 kVA	7 kVA	
Fuse, slow	GL/GG 32 A		
Cutting range			
Mild steel	0,5-5 mm	0,5-10 mm	
Stainless steel	0,3-3 mm	0,3-5 mm	
Aluminum	1-2 mm	1-3 mm	
Gas supply	O2 ; N2 ; Air		
Dimension (L x W x H)	1035 x 695 x 1590 mm		1250 x 810 x 1500 mm
Weight	270 kg	300 kg	300 kg



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