

Yamaha YZ450F

Product Name: **Evolution Line (Titanium)**

Product code: **S-Y4MET16-FDHLTA**

Approval: W/O

MSRP ex. VAT: 1.495,00 €



INFO

Tailor-made to fit the limited space available within the motorcycle, this system combines performance and durability for extreme conditions and the rigors of off-road racing.

Constructed from lightweight, high-grade, premium titanium alloys, with different thickness in the sections to ensure perfect protection and to reduce overall weight. A new profiled surface influences the sound to meet the FIM noise limits for competition, and it adds strength and durability to the muffler while delivering a deep, full sound that embraces the balanced pulse of the single-cylinder engine.

The muffler is the largest possible for the space available. This allows increased sound silencing, which mitigates the impact on the natural environment while also facilitating improved flow for the exhaust gases to make their way from the combustion chamber with as few restrictions as possible. The added strength created by the design aids durability and provides enhanced resilience in the most demanding conditions. It offers a heightened response through the entire rev range and an optimum feeling when the throttle is opened, giving the rider great appreciation of control. Power and torque levels have been increased with an extra 1.8 kW (2.4 HP) at 10,600 rpm and 1.5 Nm at 10,500 rpm being recorded on the in-house dyno in back-to-back tests with a standard stock exhaust system.

The Evolution Line (Titanium) exhaust has a special technique for imprinting the logo on the surface for greater durability and a titanium header with an integrated resonance chamber for optimum performance and sound. It is a simple plug-and-play operation to install, with no remapping needed.

FOR CLOSED COURSE COMPETITION USE ONLY. NOT INTENDED FOR STREET USE.

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TECHNICAL DATA

	UNIT	STOCK	AKRAPOVIČ	MAX GAIN
maximum power	kW	40.2 / 9800 rpm	41.6 / 10600 rpm	+ 1.8 / 10600 rpm
	HP (m)	54.7 / 9800 rpm	56.6 / 10600 rpm	+ 2.4 / 10600 rpm
	HP (i)	53.9 / 9800 rpm	55.8 / 10600 rpm	+ 2.4 / 10600 rpm
maximum torque	Nm	45.5 / 10500 rpm	45.8 / 7700 rpm	+ 1.5 / 10500 rpm
	lb-ft	33.6 / 7650 rpm	33.8 / 7700 rpm	+ 1.1 / 10500 rpm
weight	kg	4.2	3.3	- 0.9
	lb	9.2	7.3	- 1.9
	%			- 20.4
installation time	min		40	