suitable for:

YAMAHA X-MAX 125 2006-2012
YAMAHA X-CITY 125 2008-2011

CYLINDER, PISTON, GASKET KIT, ECU

BIG BORE Ø 63 mm / 183 cc

Bolt On

P/N: P400485100045

SUGGESTED RETAIL PRICE € 580 VAT EXCLUDED

TECHNICAL CHARACTERISTICS

New **BIG BORE** Kit for **YAMAHA X-MAX** and **X-CITY**. The performance kit includes: durable nickasil coated aluminium cylinder, high performing cast-lite piston, gasket kit with multilayer Head Gasket, replacement ECU develop by GET with Plug & Play ready to use wiring, high performance map to get maximum power out of the cylinder kit.
Thanks to ATHENA's high standards, long experience on race track, new production method with use of CNC machines, the cylinder kit guarantees an excellent value for money.

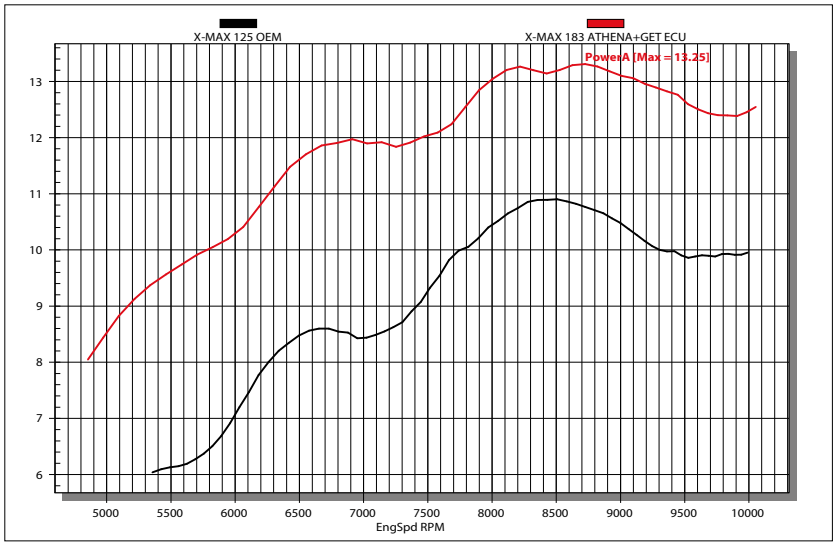
SPARE PARTS

- **S4C06300002A** Cast-lite piston Ø62.95;
- **S4C06300002B** Cast-lite piston Ø62.96;
- **S41316167** Rings;
- **P400270160059** Gasket kit;
- **S410485380005** ECU;

TECHNICAL DATA

	ATHENA	OEM
CYLINDER BORE	63 mm	52 mm
STROKE	58.6 mm	58.6 mm
DISPLACEMENT	182.6 cc	124.7 cc
COMPRESSION RATIO	11.4:1	11.2:1
WHEEL POWER	9.88 KW / 13.25 HP / 8700 rpm	8.16 KW / 10.95 HP / 8500 rpm

POWER CURVES



ATHENA [9.88 kW / 13.25 HP]
Test made with:
- ATHENA cylinder kit Ø 63 mm + GET ECU

OEM [8.16 kW / 10.95 HP]
Test made with stock engine.

POINT OF STRENGHT

1. *Projects use 3D Solid Modelling software creating virtual simulation and verification of mechanical stresses.*
2. *Aluminium cylinder cast in steel moulds and manufactured by CNC machines to assure millesimal tolerances during all manufacturing phases.*
3. *Redesigned water jackets to increase capacity*
4. *Cylinder liner with a special silicon carbide and nickel coating mixture to grant the best fluidity of the piston and durability of the cylinder.*
5. *Lapping performed in rooms with indoor temperatures of around 20 degrees, in order to have an excellent control of the boring and of each cylinder quality.*
6. *Cylinder support surfaces are perfectly parallels in order to eliminate any matching inaccuracy.*

OPTIONAL

						
P400485850119 Complete Gasket kit	**P400485600119** Top-end gasket kit	**P400485400119** Oil seal kit	**S41PLAT056** Platinum belt	**P400485110003** Variator	**FFC015** Oil filter	**S410485200047** Air filter