

New



4STROKE

MALOSSI

MULTIVAR 2000 MHR Next

Malossi technical staff has worked to further improve one of his must-have products, a point of reference for all T-Max enthusiasts: the legendary MHR Multivar for Yamaha T Max!

The variator has been improved to renew the transmission system as well as to exploit its extraordinary technical features: so we have come out with **Multivar MHR Next**. This new variator is the evolution of the previous generations, born from the very experience drawn from race tracks and from modern Cad-Cam technology; it allows to achieve the highest performance results.

As you can see from the gear curve, our technicians concentrated on further widening the gear range, especially the short gear, thus achieving more acceleration and pick-up as well as improving consistency in shifting. The number of revolutions instead remains nearly unvaried during the whole shifting.

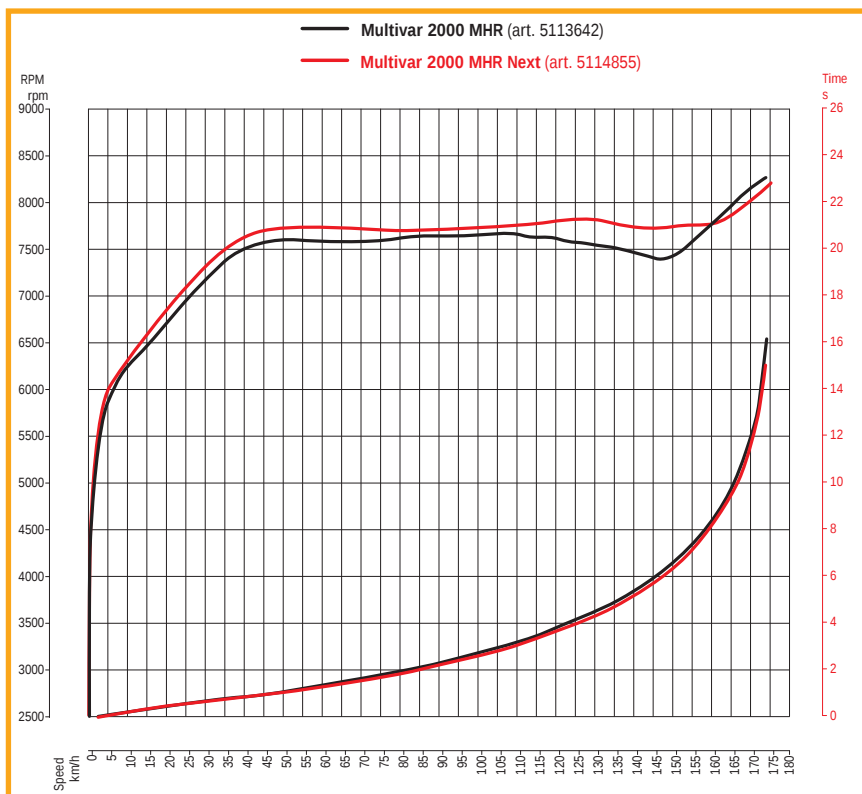
We have even done better: the clearance between hub and bushing was further reduced and surface roughness minimized, in order to create a really incomparable variator!



Technical specifications

- Further widened gear range (especially short gear)
- Improved shifting consistency
- Hard anodized - black
- Modified roller guides to allow greater operational linearity while maintaining maximum power
- Case-hardened and ground machined steel sliding bushing
- Hardened, ground machined, chromed steel hub
- New one-piece rollers with a better performing compound
- Supplied with two different roller sets and two shims in order to change the number of revolutions of the gear curve of your vehicle perfectly adjusting its speed and acceleration

NB: : for an even better performance we suggest you to combine the variator with the new X Kevlar Belt MHR (art. 6114674 € 95.00).



Products to be used exclusively for racing in places specially designed for such activity according to the regulations of the competent sporting authorities. We accept no liability resulting from improper use.

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OVER RANGE

Thus, the Over Range is renewed as well: new variator and new belt!

This new system is based on **Multivar MHR Next**, which – matched with the other parts - allows to achieve really unique performances!

The **torque driver** (movable pulley) has a larger diameter compared to the original one and the very latest specifications, allowing to have a greater velocity-ratio range compared to the original pulley.

Malossi engineers have also taken particular care in realising this pulley right down to the smallest detail, using special materials and a particular type of thermochemical treatment that ensures exceptional surface hardness and therefore excellent wear and abrasion resistance.

In order to fully exploit the range of the new torque driver unit and the power ratings currently offered by competition machines, the new notched **X Kevlar Belt MHR** has been introduced to ensure maximum performance under all running conditions.

The **fixed half-pulley** completes the OVER RANGE: this component features a diamond finish of the belt-side pulley surface and a redesigned working angle to further increase the gearing range.

The whole completion of OVER RANGE system is given by the **torsion controller**.

YAMAHA T MAX 500 ie 4T LC 2004 ->

Code = **6114885**
€ 539.00

 **replace**
art. 6114327



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4 STROKE VALVE

INCREASED FOR ORIGINAL HEAD

After the great success of 560cc bi-cylinder together with Double Power Cam, head valves could not miss!

Malossi technicians have worked to achieve even better performance.

These new valves have a bigger diameter and excellent materials and they are completely re-profiled in order to reach the best performance at all revolutions.

These valves are perfectly interchangeable with the original ones, but it is necessary to slightly adjust head and pistons in order to achieve a better performance (as explained in details in the relevant instructions).

Technical specifications

Intake valves:

- Bigger Ø from 25 mm to 26.5 mm
- Special steel for high performance valves
- Hardened stem tip to ensure highest resistance and life of the contact area
- Completely refaced valve
- Valve stem surface with hard chrome coating
- Valve surface finish, isotropic finishing

Exhaust valves:

- Bigger Ø from 22 mm to 23.5 mm
- Nickel-based superalloy - NIMONIC 80 - resistant to very high temperatures
- Precipitation hardened material with Rm. 1400 N/mm
- Completely refaced valve
- Valve stem surface with hard chrome coating
- Valve surface finish, isotropic finishing

YAMAHA T MAX (carb.) 500 4T LC 2001>2003
T MAX 500 ie 4T LC 2004>2007
T MAX 500 ie 4T LC 2008 ->

Code = **2715092**
€ 160.00



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		YAMAHA 500 4t LC		
		T MAX (carb.) 2001->2003	T MAX ie 2004->2007	T MAX ie 2008->
	TWIN CYLINDER 4-STROKE 560 cc. ALUMINIUM Ø 70	-	3113687 *L5* € 690.00	3113666 € 690.00
	Ø 66 FORGED PISTONS pin 15 with 3 piston rings HIGH COMPRESSION FOR ORIGINAL CYLINDER	-	3413706 € 330.00	3413706 € 330.00
	DOUBLE POWER CAMS CAMSHAFT	5913783 € 790.00	*D4*	*D4*
	4 STROKE VALVE New	2715092 € 160.00	2715092 € 160.00	2715092 € 160.00
	MHR POWER TRANSMISSION z 26/40	6714757 € 265.00	6714757 € 265.00	6714757 € 265.00
	POWER TRANSMISSION SPORT z 26/40 FOR ORIGINAL CHAIN	6714418 € 148.00	6714418 € 148.00	6714418 € 148.00
	FORCE MASTER 2 ELECTR. CONTR. (INJECTION)	-	5514854 € 224.00	5514756 € 224.00
	TC UNIT O ₂ controller LAMBDA EMULATOR	-	5514747 € 80.50	5514747 € 80.50
	MULTIVAR 2000 VARIATOR	5113513 € 172.00	5113516 € 172.00	5113516 € 172.00
	OVER RANGE New	-	6114885 € 539.00	6114885 € 539.00
	MULTIVAR 2000 MHR NEXT New VARIATOR	-	5114855 € 172.00	5114855 € 172.00
	X KEVLAR BELT MHR BELT	6114674 € 95.00	6114674 € 95.00	6114674 € 95.00
	VENTILVAR 2000 HALF-PULLEY ALSO FOR ORIGINAL VARIATOR	6113806B € 63.60	6113806B € 63.60	6113806B € 63.60
	TORSION CONTROLLER	2514227 € 39.00	2514227 € 39.00	2514227 € 39.00
	TORQUE DRIVER CORRECTEUR DE COUPLE	6113495 € 199.00	6113495 € 199.00	6113495 € 199.00
	VARIABLE-SPEED DRIVE ADJUSTER SPRING + 30 % VARIABLE-SPEED DRIVE ADJUSTER SPRING + 13 % VARIABLE-SPEED DRIVE ADJUSTER SPRING + 7 % VARIABLE-SPEED DRIVE ADJUSTER SPRING - 39 %	2914023.R0 *A7* 2912772.W0 *A7* 2914024.Y0 *A7* 2914401.G0 *A7* € 14.71	2914023.R0 *A7* 2912772.W0 *A7* 2914024.Y0 *A7* 2914401.G0 *A7* € 14.71	2914023.R0 *A7* 2912772.W0 *A7* 2914024.Y0 *A7* 2914401.G0 *A7* € 14.71
	RACING CLUTCH SPRINGS FOR ORIGINAL CLUTCH	2913327 € 17.85	2913327 € 17.85	2913327 € 17.85
	MAXI WILD LION HOMOLOGATED EXHAUST SYSTEM THE "TYPE" ONLY SPECIFIES THE MODEL IN WHICH HOMOLOGATION WAS VALIDATED. THIS DOES NOT LIMIT THE INSTALLATION.	3212721 € 499.01 SJ01 var.1 ver.1/2/3/4/7/ JX	3212721 € 499.01 SJ03 - SJ03 var.1 ver.1/2/3/5/6/7	3214130 *M8* € 699.00 SJ06 var.1 ver.1/2/3/5/6/7 - var.2 ver.8/9/10
	REAR SHOCK ABSORBER RS24 PATENTED OIL-GAS SHOCK ABSORBER	4613598 € 830.00	4613598 € 830.00	4613598 € 830.00
	SUSPENSION BRACKET 25+ SHOCK ABSORBER BRACKET KIT	1813205 € 196.10	1813205 € 196.10	1813205 € 196.10
	W BOX FILTER AIR FILTER	1413703 € 49.00	1413703 € 49.00	1414213 € 45.00
	RED CHILLI OIL FILTER OIL FILTER	0313639 € 7.20	0313639 € 7.20	0313639 € 7.20
	WHOOP DISC COUPLE BRAKE DISCS FRONT	6212347 (SINGLE) € 94.00	6213318 € 208.00	6213715 € 240.50
	WHOOP DISC BRAKE DISC REAR	6213319 € 129.50	6213319 € 129.50	6213319 € 129.50
	BRAKE PADS MHR SYNT BRAKE PADS	6212134 (A) € 14.50 6212135 (P) € 13.00	6212106 (A) € 14.50 6214711 (P) € 17.90	6214579 (A) € 17.00 6214711 (P) € 17.90
	MHR BRAKE LINE KITS (AERONAUTICAL)	-	2213103 € 130.00	2214135 € 160.00
	COVERS for rear-view mirror slots CHROMED BLACK	2513138.C0 € 32.45 2513138.N0 € 31.42	2513138.C0 € 32.45 2513138.N0 € 31.42	- -
	MHR SCREEN SCREEN	4513100 € 60.00	4513100 € 60.00	4514012 € 60.00
	SPORT SCREEN SCREEN	-	-	4514760 € 60.00

(A) - FRONT - (P) - REAR

A7 - ALSO for MULTIVAR 2000 (EXCLUSIVELY AS SPARE PART)

D4 - 5913783 € 890.00 POWER CAM camshaft : ONLY for Malossi CYLINDERS Ø 70 OR Malossi PAIR of PISTONS Ø 66 for Original cylinder

L5 - ONLY FOR vehicles WITH HYDRAULIC CHAIN ADJUSTER : 3113666 € 690.00

M8 - ATTENTION, THE HOMOLOGATION is considered COMPLETE only after installing the CATALYST CONVERTER (to be bought separately) : 1514159B € 145.00

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