

tm RACING



USES & RECOMMENDS



1998

World Champion
Enduro 125 CC



2009

World Champion
Supermoto



2010

World Champion
Supermoto



2012

World Champion
Baja 450



2012

World Champion
Supermoto



2012

World Champion
Supermoto
Manufacturer



2013

World Champion
Baja Overall 450



2013

World Champion
Supermoto
Manufacturer

14 models year



l'Azienda

Tutto inizia nel 1976 da due amici che avevano in comune due grandi passioni: le moto e le corse.

Grazie all'eccellente qualità e alle alte prestazioni delle sue moto, questa piccola azienda pesarese è diventata in pochi anni una grande realtà.

I pionieri della TM, Claudio Flenghi e Francesco Battistelli (ovvero "Mr. Motore" e "Mr. Telaio") sono due coetanei amici d'infanzia che hanno vissuto gran parte della loro esistenza a diretto contatto con il mondo dei motori.

Nel 1977 i due amici abbandonano le rispettive attività e danno vita alla loro casa motociclistica che viene registrata col nome di TM.

Sempre nel 1977 viene affidata una moto a Gastone Serafini, giovane pilota pesarese, il quale aiuterà in modo determinante Battistelli nello sviluppo della moto e otterrà risultati sportivi di alto livello.

La filosofia che da sempre distingue la TM, è sicuramente la scelta dei materiali, essi dovranno essere sempre di ottima qualità, e le lavorazioni, definite da alcuni addirittura "maniacali", per non parlare delle grandi prestazioni dei propulsori che equipaggiano le moto standard, in molti casi nettamente al di sopra dei motori ufficiali della concorrenza più blasonata.

Questo giustifica i prezzi di questi gioielli della tecnica che si rivolgono ad una nicchia di mercato formata da clienti molto esigenti.

Essi infatti possono acquistare un prodotto standard con il quale competere in gare di alto livello. Tutto il resto è storia recente...



THE Company

It all started way back in 1976 with two friends who had two greatest love in common: motorcycles and racing.

Thanks to the excellent quality and high performance of their motorcycles, that small Pesaro enterprise became in just a few years a force to be reckoned with. The pioneers of TM, Claudio Flenghi and Francesco Battistelli (or rather "Mr Engine" and Mr Frame") are two childhood friends of the same age who have spent a large part of their lives in direct contact with the world of motorcycles.

In 1977 the two friends left their respective occupations and founded their motorcycles making enterprise which was registered under the name of TM.

Still in 1977, a bike was entrusted to Gastone Serafini, a young rider from Pesaro, who was to be a determining figure in helping Battistelli in developing the bike and who would go on to achieve competition results of the highest level.

The philosophy that has always distinguished TM is without doubt the choice of materials, which must always be of the highest quality, and the workmanship, even defined by some as "obsessive", not to mention the high performance of the engines used on the. This justifies the prices of these jewels of engineering that appeal to a niche market made up of very demanding customers.

They can in fact purchase a standard product with which to race in high level competition. All the rest is recent history...



MOTORI KART

power to victory



MF3



KZ10 ES



KZ10B

motocross junior

minimotard



- » RUOTE 16 - 19 (modello in foto)
- » RUOTE 14 - 17 (misure ruote alternativa)
- » RUOTE 12 - 12 Versione Minimotard con assetto ribassato (modello alternativo a quello in foto)

»WHEELS 16 - 19 (model in photo) »WHEELS 14 - 17 (alternative measures wheels) »WHEELS 12 - 12 Version Minimotard with low altitude (alternative model to the one in the photo)

MX 85
80//100 CC

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motocross

tm
RACING

2tempi // 2stroke



MX **125** 2T
MX **144** 2T



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THE PERFECT SET-UP ON ANY

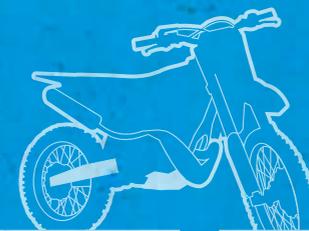
SURFACE



motocross

tm
RACING

2tempi // 2stroke



MX **250** 2T
MX **300** 2T



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MAXIMUM

POWER

PERFECT BALANCE

P. 08



»PROGRAMMAZIONE e Diagnostica Microtec
»Diagnostic and programming by Microtec

motocross

tm
RACING

4tempi // 4stroke

MX **250** Fi 4T



ERGONOMIC DESIGN



DIAGNOSTIC SYSTEM



P. 09

AGREVE

P. 10



MOTOCROSS
4T
150
130

motocross

tm
RACING

4tempi // 4stroke



MX **450** Fi 4T
MX **530** F 4T



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tm
RACING

»NUOVA FORCELLA KAYABA Ø 48 - disponibile optional MX ed EN
»NEW FORK KAYABA Ø 48 - available optional MX and EN

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FREE TO GET

EXCITED



ENDURO

2T
125
144

enduro

2tempi // 2stroke



EN **125** 2T
EN **144** 2T



»NUOVO MONO TM RACING «Disponibile optional Mx ed En
»NEW MONO TM RACING «Available optional MX and EN

GREAT STABILITY



ITALIAN PRIDE

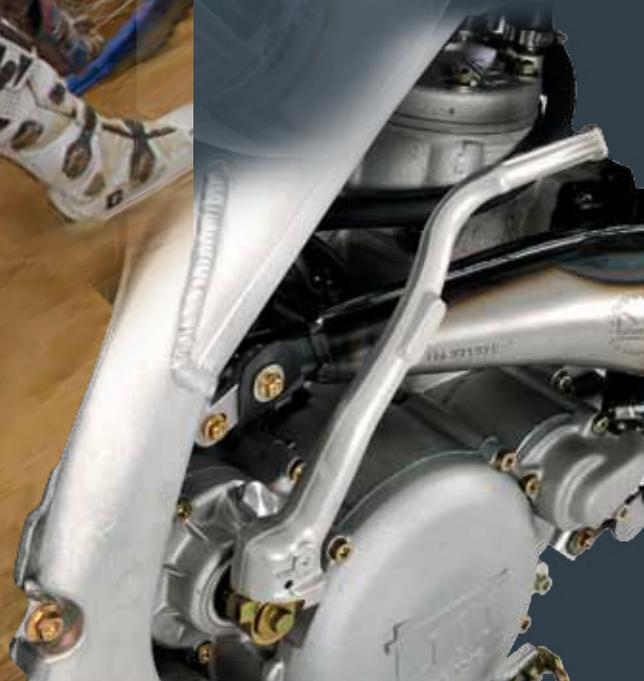


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RESISTANCE

THE PLEASURE OF

P.14



ENDURO

2T
250
300



enduro

tm
RACING

2tempi // 2stroke

EN **250** 2T
EN **300** 2T



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TECHNOLOGY OF POWER

tm
RACING

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ENDURO

4T
250
FI

ADRENALIN

SUPPLEMENT ON TWO WHEELS

enduro

4tempi // 4stroke



EN **250** Fi



MAXIMUM POTENCY



TECHNOLOGY OF POWER



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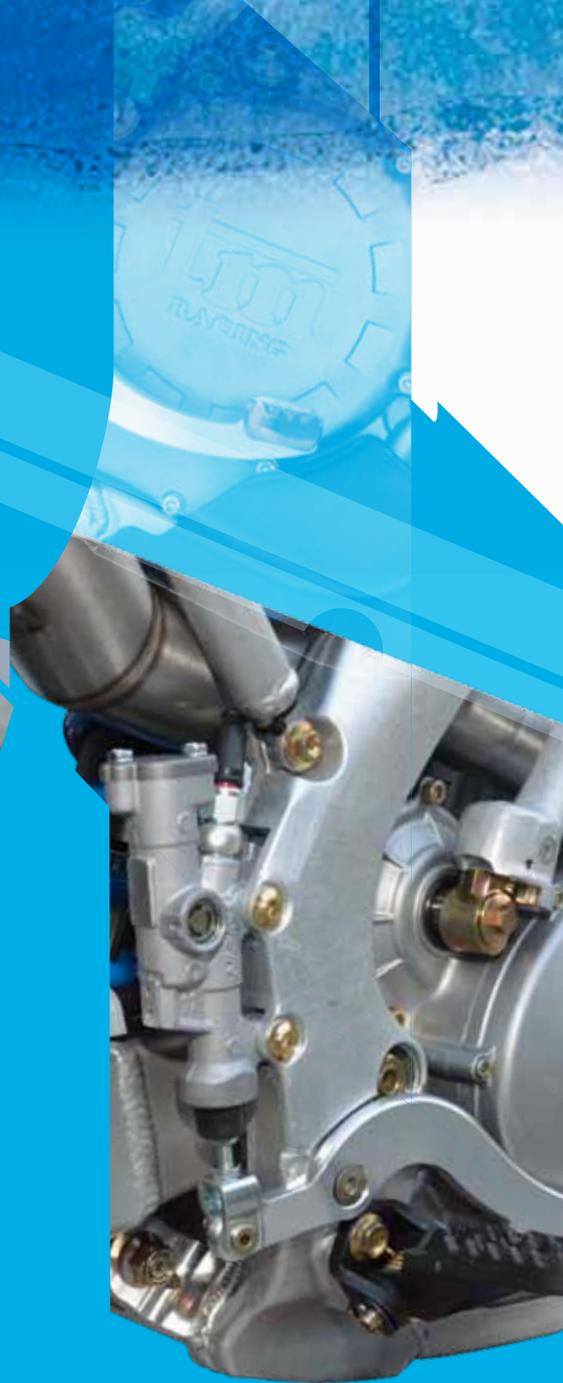


ENDURO
4T
450
L15L
530



PIRELLA

PIRELLA
SPIRIT



enduro

tm
RACING

4tempi // 4stroke



EN **450** Fi 4T
EN **530** F 4T



TECHNOLOGY OF POWER



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PERFECT

ERGONOMICS AND CHASSIS TOP

P.20



»CERCHI DISPONIBILI anche in blu
»Wheels available also in blue



SMR supermoto



tm
RACING

2tempi // 2stroke

SMR **125** 2T
SMR **250** 2T
SMR **300** 2T



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CHAMPION

BORN TO BE A

P.22



»CERCHI DISPONIBILI anche in blu
»Wheels available also in blue



SMR
SUPERMOTO

4T
450
530

Full
Full

SMR supermoto



tm
RACING

4tempi // 4stroke

SMR **450** F 4T
SMR **250** F 4T
SMR **530** F 4T



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ITALIAN

PASSION

SMX
SUPERMOTO
4
450
500
550
ILLU

SMX supermoto



tm
RACING

4tempi // 4stroke

SMX **450** Fi 4T
SMX **250** Fi 4T
SMX **530** F 4T

HIGHER POWER



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SPEED

STRONG

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SMM supermoto



tm
RACING

2tempi // 2stroke

SMM **125** 2T
SMM **250** 2T
SMM **300** 2T

MONO SWINGARM



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tm
RACING

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SMM
SUPERMOTO
4T
250 FLL
450 FLL
530 F

WORLDCLASS

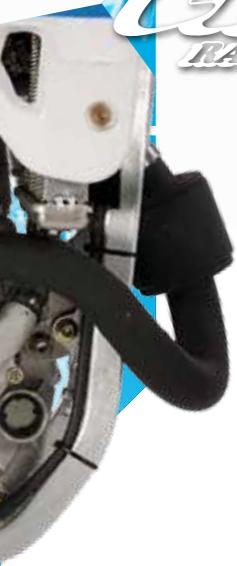
SMM supermoto



tm
RACING

4tempi // 4stroke

SMM **530** F 4T
SMM **250** F 4T
SMM **450** F 4T



MOTOCROSS



MX JUNIOR



MX 125
MX 144



MX 250



MX 250 FI



MX 450 FI
MX 530 F

ENDURO



EN 125
EN 144



EN 250
EN 300



EN 250 FI



EN 450 FI
EN 530 F

SUPERMOTO



SMR 125
SMR 250
SMR 300



SMR 250 F
SMR 450 F
SMR 530 F



SMM 125
SMM 250
SMM 300



SMM 250 F
SMM 450 F
SMM 530 F



SMX 250 FI
SMX 450 FI
SMX 530 F

MX JUNIOR

MODELS	TM 80	TM 85	TM 100
CILINDRATA c.c. CC Displacement	80	85	100
ALES. & CORSA mm Bore & Stroke mm	46.5 x 47	47.95 x 47	52 x 47
TIPO AVVIAMENTO Starting	Pedale Kick start		
ALIMENTAZIONE Induction	Carburatore Mikuni Ø 28 Carburetor Mikuni Ø 28		
CARBURANTE Fuel	Senza Piombo 3,5 % Unleaded 3,5 %		
ACCENSIONE Ignition	Elettronica Kokusan Cdi anticipo variabile Electronic Kokusan with variable advance Cdi		
CAMBIO Gearbox	6 rapporti 6 gears		
FORCELLA Front Fork	Formula Ø 39 doppia regolazione Ø 39 formula double adjustment		
SOSPENSIONE POST. Rear Suspension	Extreme Tech doppia regolazione Extreme Tech double adjustment		
PNEUMATICO ANT. Front Tyre	70/100 x 17 (J 14/17) 70/100 x 19 (J 16/19)		
PNEUMATICO POST. Rear Tyre	90/100 x 14 (J 14/17) 90/100 x 16 (J 16/19)		
FRENO ANT. Front Brake	Disco Ø 220 Braking, pinza Braking e pompa freno Brembo Disk Ø 220 Braking with Brembo pump and Braking caliper		
FRENO POST. Rear Brake	Disco Ø 190 Braking e impianto frenante Braking Disk Ø 190 Braking with Braking brake system		
SERBATOIO Tank	6 lt		
FRIZIONE Clutch	A dischi multipli in bagno d'olio con comando idraulico Multiple-disk in oil-bath with hydraulic control		
TRASMISSIONE PRIMARIA Primary Drive	Ingranaggi a denti dritti Straight - tooth gear		
TELAIO Frame	Perimetrale in alluminio Alluminium perimetral		

ENDURO SUPERMOTO

MODELS	125 MP 144 MP	250 MP	300 MP	EN 250 FI BP SM 250 F BP	EN 450 FI BP SM 450 F BP	530 F BP
CILINDRATA c.c. CC Displacement	123,534 143,3	249	294	249	449	528
ALES. & CORSA mm Bore & Stroke mm	54 x 54,5 56 x 58,2	66,4 x 72	72 x 72	77 x 53,6	95 x 63,4	98 x 70
TIPO AVVIAMENTO Starting	Pedale Kick start			Pedale o Elettrico Kick start or Electric start		
ALIMENTAZIONE Induction	Carburatore Keihin Ø 38 PWK Carburetor Keihin Ø 38 PWK			EN Fuel Inj. Ø44 Throttle Body SM Mikuni Ø38	EN Fuel Inj. Ø44 Throttle Body SM Keihin Ø39	Keihin Ø 39
CARBURANTE Fuel	Senza Piombo 3,5 % Unleaded 3,5 %			Senza Piombo Unleaded		
ACCENSIONE Ignition	Elettronica Kokusan Cdi anticipo variabile: EK / Elettronica Microtec: EM Generatore Kokusan: GK - Electronic Kokusan with variable advance Cdi: EK Microtec Electronic: EM / Kokusan Generator: GK					
	EK	EK	EK	EN: GK - EM SM: EK	EN: GK - EM SM: EK	EK
CAMBIO Gearbox	6 rapporti 6 gears	5 rapporti 5 gears	6 rapporti 6 gears	5 rapporti 5 gears		
FORCELLA Fork	EN Marzocchi Ø 50 - Optional Kayaba Ø 48 SM Marzocchi Ø 45 - Optional Marzocchi Ø 50					
SOSPENSIONE POST. Rear Suspension	EN 2T M Racing / EN 4T Sachs, Tm Racing SMR-SMM 2T Ohlins, Sachs, Tm Racing / SMR-SMM 4T Sachs, Tm Racing					
PNEUMATICO ANT. Front Tyre	EN 90/90 x 21 / SM 110/70 x 17 - 120/70 x 17					
PNEUMATICO POST. Rear Tyre	EN 120/90 x 18 1.85"	EN 140/80 x 18 2.50"	EN 120/90 x 18 1.85"	EN 140/80 x 18 2.50"		
	SM 150/60 x 17					
FRENO ANT. Front Brakes	EN disco WAVE Ø 270 Braking - WAVE disk Ø 270 Braking SM disco WAVE Ø 320 Braking - WAVE disk Ø 320 Braking					
FRENO POST. Rear Brakes	EN disco WAVE Ø 245 Braking - WAVE disk Ø 245 Braking / disco WAVE SMM Ø 220 Braking SMR Ø 245 Braking - WAVE disk SMM Ø 220 Braking SMR Ø 245 Braking					
SERBATOIO Tank	8,2 lt in plastica 8,2 lt in plastic					
DISTRIBUZIONE Timing System	EN 125 / 144. Valvola scarico elettronica (TM EES) EN 125 / 144 Electronic exhaust valve (TM EES)			Bialbero 4 V in titanio con bilanciere a dito DOCH with finger follower 4 titanium V.		Bialbero 4 valvole DOCH 4 valves

CROSS - SMX

MODELS	125 144	250	300	250 Fi	450 Fi	530 F	450 Fi SMX	530 F SMX
CILINDRATA c.c. CC Displacement	123,534 143,3	249	294	249	449	528	449	528
ALES. & CORSA mm Bore & Stroke mm	54 x 54,5 56 x 58,2	66,4 x 72	72 x 72	77 x 53,6	95 x 63,4	98 x 70	95 x 63,4	98 x 70
TIPO AVVIAMENTO Starting	Pedale Kick start			Pedale o Elettrico Kick start or Electric start				
ALIMENTAZIONE Induction	Carburatore Keihin Ø 38 PWK Carburetor Keihin Ø 38 PWK			Fuel Inj. Ø44 Throttle Body	Fuel Inj. Ø44 Throttle Body	Carb. Keihin Ø 39	Fuel Inj. Ø47 Throttle Body	Carb. Keihin Ø 41
CARBURANTE Fuel	Senza Piombo 3,5 % Unleaded 3,5 %			Senza Piombo Unleaded				
ACCENSIONE Ignition	Elettronica Kokusan Cdi anticipo variabile: EK / Elettronica Microtec: EM Generatore Kokusan: GK - Electronic Kokusan with variable advance Cdi: EK Microtec Electronic: EM / Kokusan Generator: GK							
	EK	EK	EK	GK - EM	GK - EM	EK	GK - EM	EK
CAMBIO Gearbox	5 rapporti 5 gears							
FORCELLA Fork	MX Marzocchi Ø 50 - Optional Kayaba Ø 48 SMX Marzocchi Ø 50							
SOSPENSIONE POST. Rear Suspension	MX 2T M Racing / MX 4T Sachs, Tm Racing SMX Tm Racing, Ohlins TTX							
PNEUMATICO ANT. Front Tyre	MX 80/100 x 21 / SMX 120/70 x 17 - 3.50" Optional TBL STS Alpina 16.5 - 3.50"							
PNEUMATICO POST. Rear Tyre	100/90x19 1.85"	110/90 x 19 2.15"	100/90x19 1.85"	110/90x19 2.15"	110/90x19 2.50"	170/55 x 19 - 5" Opt. TBL STS Alpina 17-5.5"		
FRENO ANT. Front Brakes	MX disco WAVE Ø 270 Braking MX WAVE disk Ø 270 Braking SMX disco WAVE Ø 305 Braking pompa radiale Accossato 16.16 SMX WAVE disc Ø 305 Braking with radial frontcaliper Accossato 16.16							
FRENO POST. Rear Brakes	Disco WAVE Ø 245 Braking WAVE disk Ø 2245 Braking							
SERBATOIO Tank	8,2 lt in plastica 8,2 lt in plastic							
DISTRIBUZIONE Timing System	MX 125/144. Valvola scarico elettronica (TM EES) MX 125/144 Electronic exhaust valve (TM EES)			Bialbero 4 V. in titanio + bilanciere a dito DOCH + finger follower 4 titanium V.		Bialbero 4 valvole in titanio DOCH 4 titanium valves		



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DEALER

