

COVERED BRANDS



OVER 14.000 AVAILABLE
VEHICLES CONSTANTLY UPGRADED

ADIVA
AEON
AJP
APRILIA
ARCTIC CAT
BAJAJ
BENELLI
BETAMOTOR
BIMOTA
BMW
BOOM TRIKES
BRIXTON MOTORCY
BROUGH SUPERIOR
BRP CAN-AM
BUELL
CAGIVA
CF-MOTO
COLEMAN
CSC MOTORCYCLES
DAELIM
DAFRA
DERBI
DUCATI
FANTIC MOTOR
FB MONDIAL
GARELLI
GAS GAS
GENERIC
GEON
GG TECHNIK
GILERA
GOES
HARLEY-DAVIDSON
HISUN
HONDA
HONDA MARINE
HUSABERG
HUSQVARNA
HYOSUNG
INDIAN
KAWASAKI
KAWASAKI MARINE
KL-KAWASAKI
KEEWAY
KSR MOTO

KTM
KVN MOTOR
KYMCO
LAMBRETTA
LANCE
LAVERDA
MACBOR
MALAGUTI
MASH
MBK
MGK HELLENIC MOTOR
MH MOTORCY.
MINSK
MITT
MONDIAL
MOTO GUZZI
MOTO MORINI
MV AGUSTA
MZ
PEUGEOT
PIAGGIO
POLARIS
QOORDER
QUADRO
RIEJU
RIYA
ROYAL ENFIELD
SEA-DOO
SHERCO
SHINERAY
SINNIS
SUZUKI
STELS
SYM
TGB
TRIUMPH
VERVEMOTO
VESPA
VICTORY
VOGE
VOXAN
WOTTAN
ZONGSHEN
YAMAHA

DIVAS 6053 OPTIONAL



The 6053 DIVAS is a accessory available for the 6050 Memobike scanner, which extends the range of diagnostic capabilities through a series of additional applications necessary for the proper tune-up of 2-wheel vehicles:

- Synchronization of the throttle valves on carburetor and fuel injected systems
- Dynamic analysis of the manifold intake pressures
- Synchronization procedures integrated with diagnostic functionalities of the engine control unit (idle speed control lock, TPS and / or self-adaptive parameter reset, analysis of fault code memory, verification of proper operating conditions, etc.)
- 3 analogical input ports for dynamic analysis and data acquisition of vehicle sensors
- Built-in microphone



MemoBike 6050



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UNIVERSAL, FAST,
SIMPLE AND COMPLETE.
YOUR IDEAL RACING
TEAM MATE.

MemoBike
MOTORCYCLE
DIAGNOSIS

MULTIBRAND DIAGNOSIS &
EOBD STANDARD FOR EURO 4

CONFIGURATION
& SETTINGS

MORE THAN 80
COVERED BRANDS

ULTRA-FAST START UP



BYTERD

CONSTANT UPGRADES

USER-FRIENDLY &
EASY TO LEARN

MEMOBIKE is an High-Tech instrument that allows to perform an advanced diagnosis of new generation motorcycle belonging to the most important brands of the world. In addition to test the motorcycle functions, it can carry out, if provided, configurations and/or adjustment on ECU: ex. instrument panel, ABS, immobilizer, and some parameters of the injection system or electronic ignition.

MemoBike 6050

MULTIBRAND DIAGNOSIS REPAIRS, SERVICE, REPROGRAMMING

An essential instrument, extremely easy to use, but comprehensive and constantly updated. Within the reach of all users and rich in features that make it a must for even the most demanding racing preparators.

- PARAMETERS -	
Ignition switch	ON
Throttle angle	0.00U
Intake pressure	946.3mmHg
Water temperature	81.0°C
Intake air temperature	26.0°C
Atmospheric pressure	760.7mmHg
Engine rpm	0RPM
Battery voltage	14.9V
Transmission position	1
Throttle sensor fault	60 TIMES
Intake air press. senso..	60 TIMES
Intake air temp. senso..	60 TIMES
Water temperature senso..	60 TIMES
Fuel pump fault #1	59 TIMES
Drive shaft sensor faul..	0 TIMES
Vehicle sensor fault to..	60 TIMES
Transmission position s..	60 TIMES

ULTRA - FAST START UP



FUNCTIONS

- EOBD diagnosis standard EURO 4 vehicles
- **Components activation** and test (injectors, ignition coils, fuel pump, etc.)
- Zero **setting service light**
- Keys encoding
- **Temporary immobilizer** unlocking
- **Injection adjustment** (CO trimmer)
- **Throttle valve sensor** adjustment (TPS)
- Immobilizer/Alarm configuration
- Zero setting **self-adaptive parameters**
- Idle regulation
- **Air purging test** from the ABS hydraulic system
- **ABS pressure test.**
- Stored failures **global search** inside ECU.
- **Data logger** function of engine unit control (ECM) parameters.

- STORED FAULTS -	
P0201 - Injector #1	
P1514 - Gasoline pump relay locked	
P0120 - Throttle sensor	
P1101 - Intake air pressure sensor	
P0115 - Coolant temperature sensor	
P0110 - Air intake temperature sensor	
P1504 - Speed sensor	
P1510 - Secondary throttle valve posi..	
KAWASAKI	
Injection	
Kawasaki DFI <4P/6P>	

- Automatic and manual **search of ECU.**
- Motorcycles models database, including **connector type with its position and cable type** to use.
- **ECU data** display.
- **Reading of stored** and current faults (DTC).
- **Erasing** of stored faults.
- **Live data display** (RPM, battery voltage, throttle angle, etc.)



HARDWARE TECHNICAL FEATURES

CPU	Cortex M3 (96 Mhz)
Internal memory	Bluetooth Ready
Diagnostic Interface	32 MB RAM memory, 4 GB Flash memory
USB Interface	Db26 ISO22900-1 (MVIC), Internal Multiplexer
Supply	Mass Storage connection for Software update
	• Internal with LiPoly rechargeable battery
	• External, 5V with cable
	• From vehicle, 8-16V
Display	LCD Led 3.5 " color HD 320x240 pixel
Dimensions	175x112x36 mm
Weight	263 g
Audio	1 speaker
Keyboard	9 Keys

SOFTWARE

- Periodic software updates via Internet
- Instrument update via USB interface

COVERED SYSTEMS

Ignition	Key less system	Suspensions
Iniezione	ABS	ACS (Air Control Suspension)
Injection (display codes)	Service	Inertial Platform
Injection (blink codes)	Control Panel	Parking
Injection adjustment	Body computer	WPM (Windshield Parking Module)
Electric traction	EPS (Electric Power Steering)	Handlebar controls
Traction control	DPS (Dynamic Power Steering)	Headlight adjustment
TCM (Traction Control Module)	EPT (Electric Power Throttle)	Speed regulation
Immobilizer	TPMS	Radio
Alarm	Transmission	

COMMUNICATION PROTOCOLS

- ISO 14230-4 (KWP 2000)
- ISO 9141-2
- SAE J1850 41.6 Kbps PWM
- SAE J1850 10.4 Kbps VPW
- ISO 15765-4 (CAN)
- Manufacturers protocols

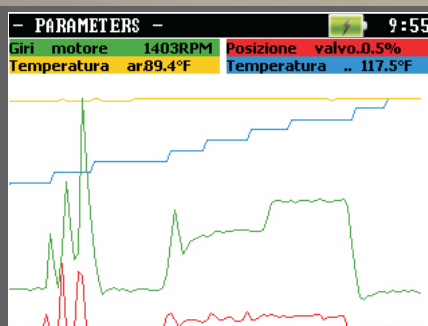
ALWAYS INCLUDED IN THE DIAGNOSTIC TESTER :

- Master Cable (for the connection with the optionals cable)
 - Universal cable clamps
 - Cable with battery clamps
 - USB Cable
- Thanks to the universal cable clamps and the help guide to identify the right pins to connect, the operator can easily proceed on all motorcycles diagnosis.

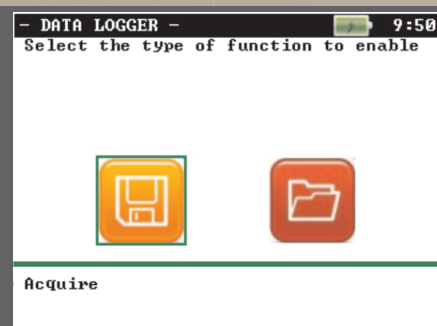
* except the diagnosis on CAN-BUS and J1850 network protocols.



DTC Global search for scanning diagnosable systems and errors



Intuitive graphical interface for multiparametric reading



Data Logger function to record the parameters while using the vehicle

MemoBike 6050