



E M E K



68 CAL



SPEC BOOK.

MECHANICAL
UNSTOPPABLE
ECLIPSE EMEK

WELCOME TO PLANET ECLIPSE

FROM INITIAL CONCEPT, RIGHT THROUGH TO RIGOROUS BUILD AND PERFORMANCE TESTING, AT PLANET ECLIPSE WE GUARANTEE QUALITY AND CRAFTSMANSHIP. IT'S WHAT MAKES US UNIQUE. EVERY PRODUCT WE MAKE IS ENGINEERED TO THE MOST EXACT SPECIFICATIONS TO OFFER OUTSTANDING PERFORMANCE. FROM PLAYING GEAR TO ADVANCED PAINTBALL MARKERS AND EVERYTHING IN-BETWEEN, PAINTBALL IS OUR PASSION AND IT'S OUR INTIMATE KNOWLEDGE OF THE SPORT THAT LEADS US TO CREATE SOME OF THE MOST ADVANCED PAINTBALL MARKERS ON THE MARKET. DON'T SETTLE FOR LESS. **GET MORE WITH PLANET ECLIPSE.**



**E M E K****68 CAL**

THE EMEK IS HERE! AND IT'S HERE TO MIX THINGS UP!

Planet Eclipse has over 26 years of experience in designing and building some of the most luxurious, exclusive and high performance tournament paintball markers in the world. By utilizing that experience Eclipse have managed to capture the essence of the high-end marker and encapsulate it in a genuine, entry-level, mechanical marker for the very first time.

By using the iconic Gamma Core drivetrain activated by a super-robust mechanical 3-way valve, the Emek brings the shot characteristics, dynamics and feel of a modern hose-less high-end marker at an incredibly competitive entry-level price. It is lightweight, ergonomic, supremely reliable, smooth, efficient, quiet and robust. It's simple to operate requiring no adjustments or tuning, just set the velocity, flip the safety latch to Fire, and go play.

There are no springs to change or mess with, no sears to wear or snap, just the revolutionary Gamma Core and it's purely pneumatic self-timed firing mechanism that any player, no matter how experienced, can fire quickly and accurately all day, every day. The advanced bolt and drivetrain design combined with the incredibly low operating pressure and Deftek feed also mean that paint breakages in the marker will be virtually non-existent so you can concentrate on the game, not cleaning your equipment.

The Emek has been designed to give players a better playing experience. So they can enjoy the game rather than worry about their equipment. It's here to set a new benchmark for what to expect from an entry-level mechanical marker. It's a new beginning.

Mechanical. Unstoppable. The Eclipse Emek.





GAMMA CORE

The Emek is powered by the incredible Gamma Core. A revolutionary spool valve design that uses a unique pneumatically latching spool to accurately control the exact amount of air released for each shot completely independently of the mechanical 3-way valve. This makes it highly efficient without the need for any additional adjustment or tuning as well as making it supremely reliable in playing conditions ranging from

-20f to +100f, perfect for almost any playing scenario. In order to be able to shoot the most fragile paint possible, the Gamma Core employs a very finely controlled 3-stage bolt acceleration profile to gently pick up the ball and push it into the barrel. The gas release for the firing pulse is also carefully tailored to maintain low peak pressure behind the ball which gives the Emek a distinctively quiet shot and smooth feel.

THE GAMMA CORE CAN OPERATE EFFORTLESSLY BETWEEN TEMPERATURES OF -20°F AND +100°F MAKING IT ONE OF, IF NOT THE MOST EFFICIENT AND RELIABLE SPOOL VALVE DRIVETRAIN ON THE MARKET.

GRN (GLASS REINFORCED NYLON) CONSTRUCTION MAKES THE EMEK LIGHTWEIGHT SUPER TOUGH AND EXTREMELY EASY TO CLEAN.



THE EMEK'S PIVOT TRIGGER SYSTEM MAKES FIRING THE EMEK, AT IMPRESSIVE RATES OF FIRE, EFFORTLESS AND FUN.

TOOL-LESS GRIPS MAKE ACCESSING THE INTERNALS AND GIVING EVERYTHING A GOOD CLEAN A BREEZE.



THE INDUSTRY-LEADING GAMMA CORE BOLT ASSEMBLY GIVES THE EMEK AN INCREDIBLE AMOUNT OF PERFORMANCE BEYOND ITS PRICE-POINT.



CQB? HEAVY GUNNER?

THE **EMC KIT** (ECLIPSE MODULAR COMPONENT) TRANSFORMS THE EMEK INTO WHATEVER CUSTOM LOADOUT YOU DESIRE. FROM LIGHTWEIGHT CQB TO A RIDICULOUS HEAVY GUNNER SET UP, THE EMC OPENS UP A WHOLE NEW WORLD OF UPGRADES AND IMAGINATION.



THE **EMC KIT** FITS TO THE EMEK BODY AND CAN BE CONFIGURED WITH ANY NUMBER OF 3RD PARTY RAILS AND ACCESSORIES TO HELP CREATE THE ULTIMATE MARKER SETUP.



SPEC

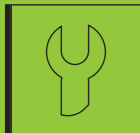


DIMENSIONS	
WEIGHT	850g (1.87lb) including barrel
LENGTH / HEIGHT / WIDTH	437mm (17.2") 216mm (8.5") 39mm (1.53")
MATERIALS	
BODY	GRN Sports Shell with 6061 aluminium internal sleeve
BARREL	6061-T6 Aluminium
FRAME	GRN (Glass Reinforced Nylon)
TRIGGER	GRN (Glass Reinforced Nylon)
BREECH COVERS	GRN (Glass Reinforced Nylon)
FEED NECK	GRN (Glass Reinforced Nylon)
HARDWARE	
ASA MOUNT	Screw-in ASA
TRIGGER METHOD	Pivot trigger
TRIGGER PIVOT	Plated pin
BARREL	Single piece anodised 10" barrel
FEED TUBE	Lever operated clamping Deftek offset feed tube
PNEUMATICS	
OPERATING PRINCIPLE	Spool valve
SOLENOID TYPE	Bespoke in-house engineered Mechanical 3-way valve
DRIVE MECHANISM	Gamma Core
BOLT MECHANISM	Spool Cure ST1
PROPELLANT	Compressed air only - Not CO2 compatible
ERGONOMICS	
GRIP TYPE	Contoured dual density 2-piece grips with tool-less removal
GRIP PITCH	183mm (7.2")

FEATURES	
Single-piece frame and foregrip	
Spool Valve operation	
Gamma Core drivetrain	
Tool-less bolt removal	
Custom mechanical 3-way valve	
Glass Reinforced Nylon outer composition	
Single trigger hinge frame	
135psi operating pressure	
Soft-touch bolt with 3-stage bolt acceleration	
Valve chamber shut-off and breech sensing drivetrain	
Adjustable lever operated clamping feedtube	
Deftek offset feed	
Integrated SL4 inline regulator	
External velocity adjustment	
10" one piece barrel - Cocker threads	
Screw-in ASA (aftermarket POPS upgrade available)	
Tool-less wrap-around rubber grip	
Hoseless air-transfer system	
Operates with compressed air only	



OUR PROMISE



SUPPORT

As an Eclipse customer you will have access to our worldwide technical support network that will help you with any technical problems from localised service centres to on-site tech support.



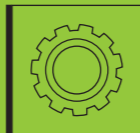
WARRANTY

Our exceptional 12 month manufacturers warranty backed by our online warranty system offers peace of mind and ensures your claim will be repaired or replaced in a snap!



QUALITY

All Eclipse products undergo meticulous checks by experienced specialists, using precision materials and equipment, who care about the product that arrives at your door.



STANDARD

Your Eclipse marker is awesome and requires no after market parts. However, for genuine Eclipse accessories that suit your preferences consult your local Eclipse Dealer for upgrade options.





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PRINTED IN UK | 2320_EMEK-SPECBOOK-68CAL

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