LEGION

AMMONITE

PREMIUM CRANKSET

ONE PLATFORM. UNLIMITED EVOLUTION.

Every LEGION AMMONITE crankset is manufactured from the same forged 7075-T6 aluminum, using the same production methods and the same uncompromising quality standards. To ensure maximum strength and rigidity, the entire range features an integrated hollow CrMo steel 24 mm spindle with a 40T spline interface. Beyond its performance, the AMMONITE stands out with a one-of-a-kind finish: a long, meticulous machining process that creates its uniquely sculpted wave design, making it truly unparalleled in the world. The difference across the range is not the level of quality or the beauty of its craftsmanship, but the perfect adaptation of geometry to the rider's needs.
From learning the basics to elite-level competition, the LEGION AMMONITE is the first BMX crankset designed to evolve with its rider, adapt to every track, and provide a real competitive advantage when victories are decided by hundredths of a second.

THE FIRST BMX CRANKSET WITH EVOLVING GEOMETRY

The LEGION AMMONITE is far more than just a crankset. It is a complete performance platform designed to evolve with the rider and adapt to the demands of modern BMX Racing.
Unlike traditional cranksets that impose the same dimensions on every rider, the AMMONITE combines premium forged construction, adjustable crank length, a progressive Q-Factor, and a scalable crank arm architecture to deliver the ideal balance of power, efficiency, and control at every stage of rider development.

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ADJUSTABLE CRANK LENGTH SYSTEM

The JUNIOR, EXPERT, and MASTER series feature an exclusive crank length adjustment system.
Each crankset is supplied with interchangeable adjustment spacers that allow the effective crank length to be modified in 2.5 mm increments, providing up to 5 mm of total adjustment per crank arm.
This system enables the crankset to naturally evolve alongside the rider's growth and physical development without requiring a complete crankset replacement.

PROGRESSIVE CRANK ARM ARCHITECTURE

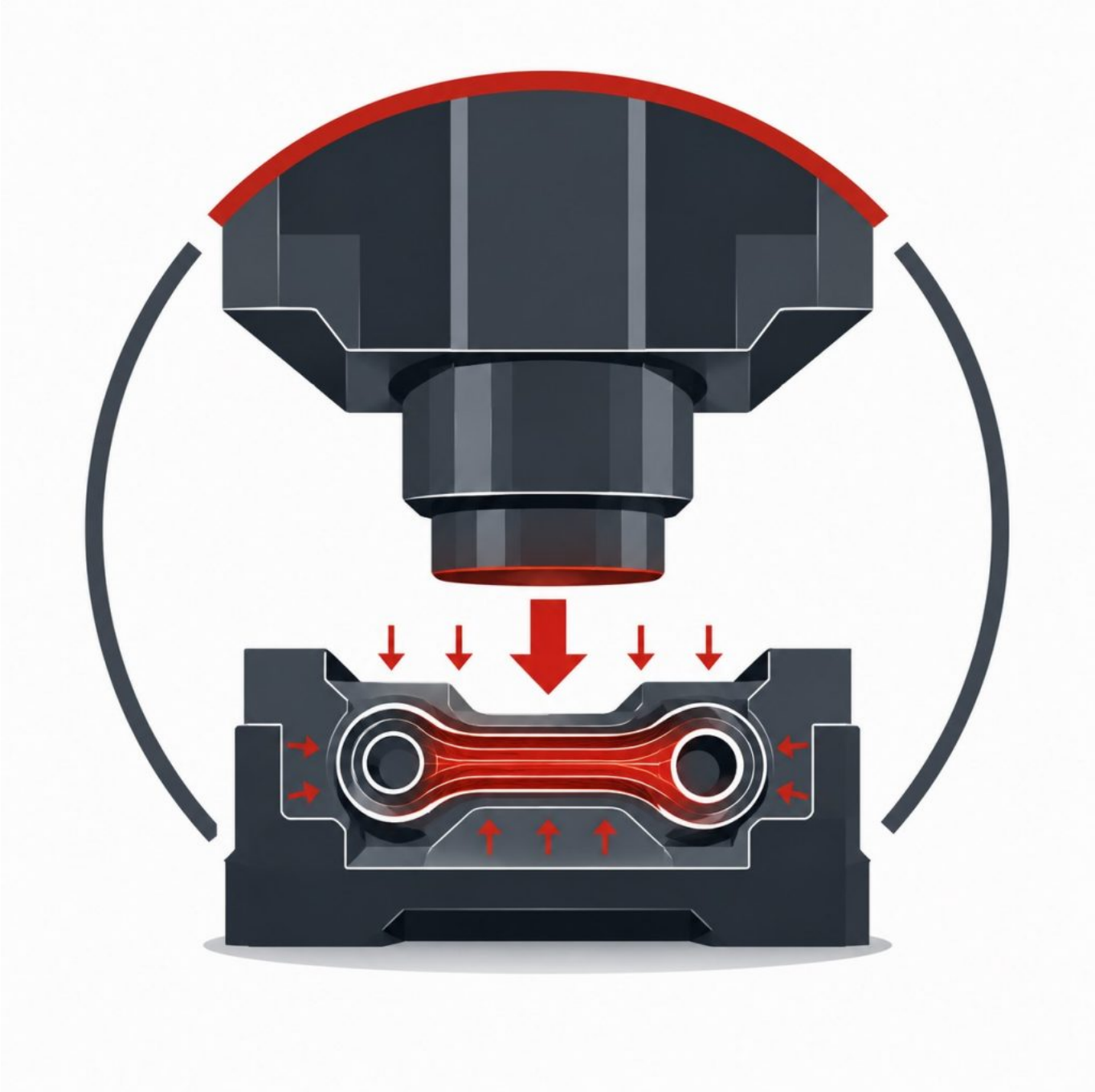
The structural volume of the crank arms also evolves throughout the range to provide the ideal balance of weight, stiffness, and strength.

		CRANK LENGTH	WEIGHT (per crank arm)	Q-FACTOR	FOCUS
JUNIOR	A lightweight structure focused on agility and control.	150 – 155 mm	580 g (155 mm)	154 mm	Lightweight Agility Control
EXPERT	Reinforced stiffness for a more direct pedaling response.	157,5 – 162,5 mm	630 g (162,5 mm)	158 mm	Balanced Performance Responsiveness
MASTER	A maximized structure designed to handle and transfer the highest levels of power output.	165 – 170 mm	690 g (170 mm)	162 mm	Maximum Strength Power Transfer

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FORGED TECHNOLOGY – UNCOMPROMISING POWER

At the heart of every LEGION AMMONITE is a forged 7075-T6 aluminum construction.
The forging process reorganizes and compresses the material’s grain structure in the direction of mechanical loads, creating a stronger and stiffer structure than conventional manufacturing methods while maintaining an optimized weight.



> Every watt generated by the rider is efficiently transferred to the track, whether out of

> the gate, accelerating between obstacles, or during full-power sprint efforts.

Benefits of Forging:

Superior stiffness
Maximum power transfer
Exceptional fatigue resistance
Increased impact resistance
Race-proven reliability

A PERFORMANCE TOOL FOR EVERY TRACK

The AMMONITE system is not only designed to support rider progression—it also becomes a genuine race-day tuning tool.
Some tracks feature steep starting hills that naturally help riders generate speed quickly.
Others feature flatter starting hills, where every watt counts and where crank length selection can make a significant difference in producing more power and optimizing acceleration from the very first pedal strokes.
In less than two minutes, riders can adjust their crank length to perfectly match track conditions, riding style, and performance objectives.



> For the first time, a BMX crankset becomes a true tuning component capable of adapting not only to the rider, but also to the specific characteristics of each track.

Shorter Setting:

Faster cadence
Quicker acceleration
Increased responsiveness

Longer Setting:

Greater leverage
Increased power output
Improved efficiency on fast and flowing tracks