

LM series

We developed the LM in conjunction with the CF1 series. They are part of a family of rare, revered arms. The key core technology is still the use of ultra high-performance composites, with tailor made laminates and geometries for the tube and headshell - very much as we did with the Original SAT Pickup Arm.

Just like all other SAT arms, the LM series is designed with performance as the top priority. It shares the same basic geometry as the CF1 and Original arms, with an exquisite fit and finish.

These arms look and feel as good as they sound.



Technology that excites

The carbon fibre-epoxy laminates used in the arm tube and headshell are designed in-house at SAT. They are unique and specific to each arm model and length, providing the stiffness required for top performance. Producing the arm tube is a multi-step process combining many hours of manual work with accurate computer controlled cutting and machining of the parts.

As with the CF1 series and original Pickup Arm, the LM series have all the required adjustment capabilities to set the arm and cartridge to get optimal performance. Azimuth adjustment with laser-engraved scale; arm height with scale and on-the-fly to set SRA; overhand adjustment via slots on headshell; main adjustment of VTF with counterweight and fine adjustment with screw and locking nut; adjustable constant-torque skating compensation. The headshell is detachable and cartridges can be pre-mounted for easy and quick cartridge swap.

Specifications

- **Arm tube** : one-piece carbon fibre, internally damped, CNC machined.
- **Headshell** : hybrid carbon fibre-aluminium. Detachable with azimuth adjustment.
- **Vertical bearings**: high stiffness, no-stiction, pre-loaded and sealed. Proprietary design. Maintenance-free.
- **Horizontal bearing**: Tungsten carbide point on sapphire jewel. Pre-load adjustment.
- **Height adjustment** : via knurled dial with 0,1 mm divisions. On-the-fly adjustment.
- **Main yoke**: aluminium alloy. Adjustable bearing. Cardanic arrangement.

SAT 9 inch geometry:

Mounting distance : ____212,2mm
Overhang : _____22,8mm
Offset angle : _____26,1°
Innermost groove radius : __75mm
Outermost groove radius : _143mm
Nominal linear offset : __103,4mm

SAT 12 inch geometry:

Mounting distance : 280,0mm
Overhang : 17,6mm
Offset angle : 20,3°
Innermost groove radius : 75mm
Outermost groove radius : 143mm
Nominal linear offset : 103,4mm

