

Innovations 2022



EMT Innovations 2022

1. New EMT tonearm technology
2. Hi-end Tonearms 909/912-HI
3. Professional Tonearms 909/912 for Tondose



1. New EMT tonearm technology

The legendary EMT tonearms 929 and 997 (Banana) have been manufactured for decades and remained unchanged until the production was discontinued in 2018. Since then, the EMT team has been working on the design of a tonearm series with advanced technology, and we are glad to introduce this amazing product to the public in 2022.



We are particularly proud on the fact that we were able to combine most modern bearing- and manufacturing-technology with the traditional EMT design. Thus, the sound properties are improved significantly, while at the same time the long history of this product-line is respected.



The new tonearms are available as 9 inch and 12 inch version. They come either with fixed headshell (HI version) or with EMT connection for the Tondose.



All tonearm models feature a magnetic anti-skating device and a ring for VTA adjustment. A tonearm-lift is included with the product and can be removed if the tonearm is used on old EMT turntables with built-in lifting device. The tracking geometry was optimized according to the latest knowledge, but all mounting properties remain unchanged.



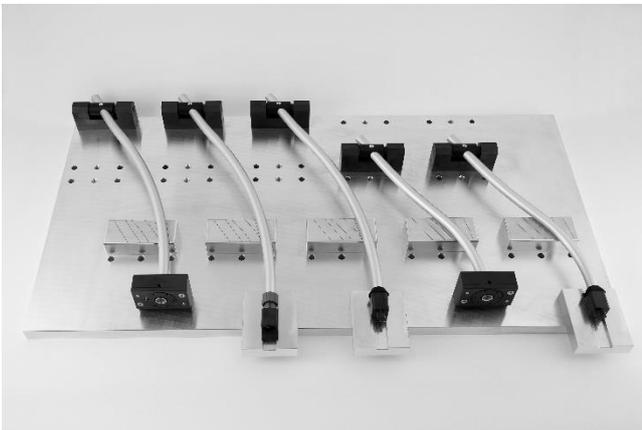
For both, horizontal and vertical bearing axis, the EMT tonearms feature a unique ball-bearing technology. The highly integrated and rigid mechanism is made of hardened and polished steel parts, combined with customized rubber components. This reliable EMT-technology compensates for any geometric deviation along the bearing axis, caused by positional tolerance, tightening torque and environmental influences such as temperature and humidity. Therefore, the bearings remain free of tension and run with lowest friction values during their entire life cycle.



The counterweight is connected to the arm-tube by two decoupling PTFE bushings. It features a spring-loaded mechanism to allow backlash-free positioning along the adjustment range. An engraved scale can be turned to zero position when the tonearm is in neutral balance. This allows precise setting of the vertical tracking force, even if you don't have a tonearm scale at hand.



Each EMT tonearm consist of 150 individual parts. All structure parts are machined from solid material in highest precision. We use stainless steel for the base-parts and aluminium-alloy for all movable parts. A specific alloy called “German silver” is used for all parts that are exposed to mechanical abrasion, such as the rear shaft or the connection for the Tondose.



We have invested into elaborate tooling to lift the preciseness of machining and assembling the arm-tube-components to a new level.

So, without false modesty, we can claim to offer the most precise tonearms with curved arm-tubes available on the world market.



2. Hi-end Tonearms 909/912-HI

		
Model:	EMT 909-HI	EMT 912-HI
Length:	9 inch	12 inch
Mounting distance:	230mm	297mm
Effective mass:	10,2g	11,4g
Cartridge:	1/2" Hi-fi cartridge connection	
Anti-skating:	Contactless magnetic skating compensation device	
Head:	Rigid headshell with azimuth-correction mechanism	
Output:	Wire outlet 20cm (standard) 5-pin DIN connector (option)	

3. Professional Tonearms 909/912 for Tondose

		
Model:	EMT 909	EMT 912
Length:	9 inch	12 inch
Mounting distance:	230mm	297mm
Effective mass:	10,3g	11,7g
Cartridge:	EMT Tondose (standard) Ortofon A compatible (option)	
Anti-skating:	Contactless magnetic skating compensation device	
Output:	Wire outlet 20cm (standard) 5-pin DIN connector (option)	