



The Series 300 broadens the application of SME technology. A one piece magnesium tone arm, available as Model 309 and Model 310. The detachable magnesium headshell has a new style coupling, providing the convenience of rapid cartridge interchange without loss of rigidity. Our designers can be justly proud of these models which offer a

performance and manufacturing excellence unmatched by many more expensive models.

Additional Information

Build

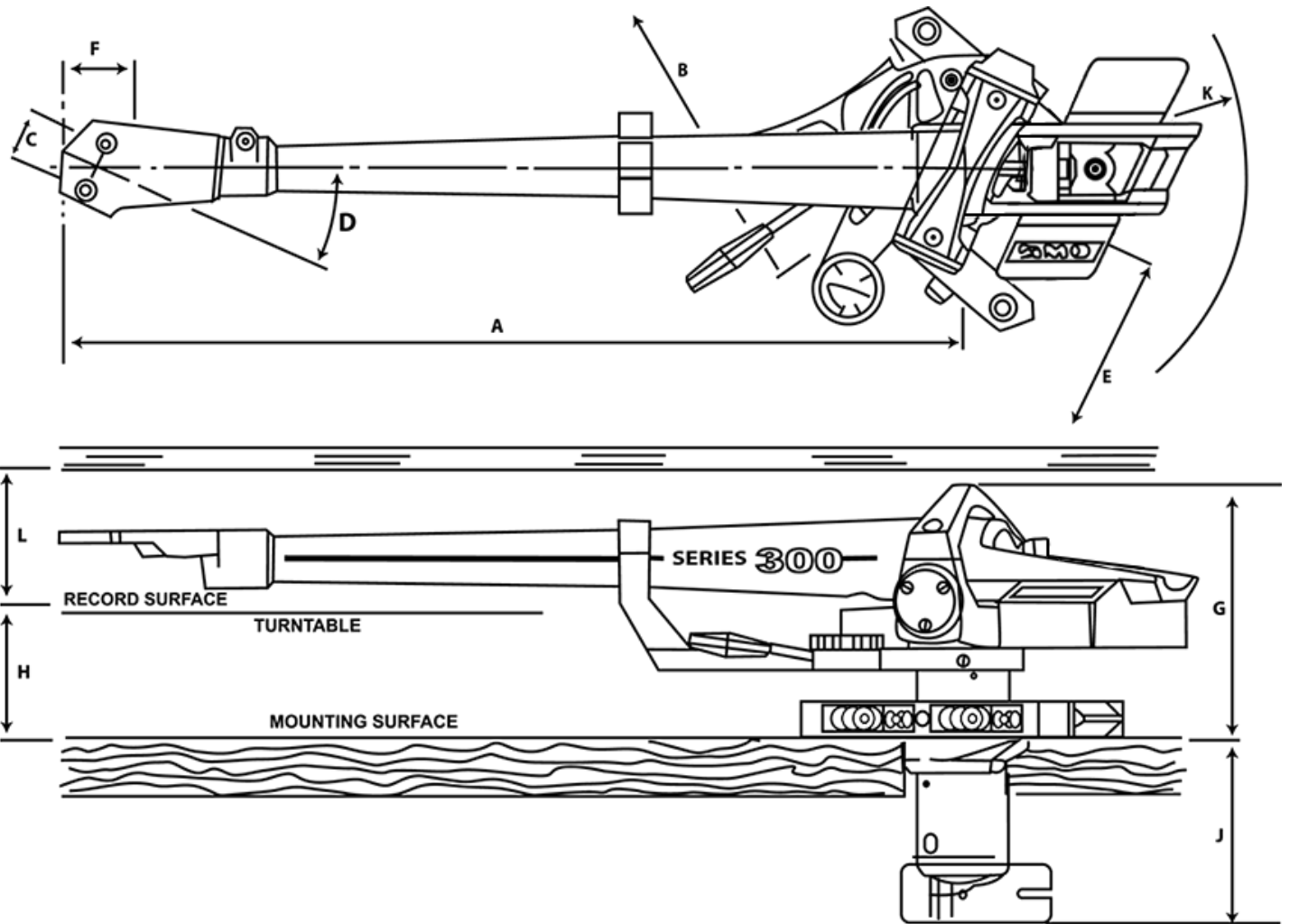
- Unique pressure die-cast magnesium shell detachable and interchangeable without disturbing cartridge or wiring.
- New design clamping arrangement ensures rigid junction with tone-arm.
- Stainless steel cross shaft, ground and thread ground. Carried in massive yoke on 10mm precision ball races. Axis at record mean level to minimise warp-wow.
- Unique assembly gives high rigidity and allows bearings to be critically adjusted before tone-arm is fitted. Stainless steel vertical shaft, ground and thread ground, with integral 16mm diameter flange to couple shaft and yoke.
- 23mm diameter steel pillar, heat treated, ground and honed, carries two 17mm precision ball races, widely spaced to resist tilt.
- Internal wiring in silver litz.

Damping

- Internal constrained layer damps minute residual vibrations making tone-arm acoustically inert.
- Tungsten-alloy balance weight carried on damped two-point suspension. Extra-low inertia design assists warp riding.
- Underslung weight housing corrects centre of gravity and provides non reflective tone-arm termination.
- Swivelling, damped output socket minimises vibration transmission in sub-chassis use.

Adjustments

- Anti-skate control operates through tension spring and filament. Dial corresponds with VTF and has positive OFF position.
- Lowering/raising control gives smooth positive action. Height of lift can be adjusted.
- Dual-lock base provides movement control with high rigidity.
- Reference lines on tone-arm facilitate VTA setting.
- Fine adjustment of horizontal tracking angle (HTA).



Series 300 Dimensions

	Model 309	Model 310
A – Distance from pivot to stylus	232.32mm	238.50mm
B – Distance from pivot to turntable centre	215.35mm	222.0mm
C – Cartridge fixing centres	12.70mm	12.70mm
D – Offset angle	23.204°	22.569°
E – Linear offset	91.54mm	91.54mm
F – Overhang	16.98mm	16.50mm
G – Height above mounting surface	87.90mm max 56.40mm min	87.90mm max 56.40mm min
H – Height of record surface above mounting surface	55.90mm max 24.40mm min	55.90mm max 24.40mm min
J – Depth below mounting surface	56.75mm	56.75mm
K – Radial clearance for balance weight	73.0mm	73.0mm
L – Clearance between cabinet lid and record surface, assuming cartridge height at 17.0mm	37.0mm	37.0mm