

Shown with Kuzma Airline Tonearm

Kuzma Stabi XL Turntable

The Stabi XL

Our biggest turntable, is the latest

offering in our bid to achieve the goal of perfect analogue sound. It represents the culmination of 20 years research, development, and experience in the production of turntables and tonearms. Theoretically our aim was simple, that is, to spin the record in the nearest possible way to the master and to enable the tonearm to emulate the cutter head.

The superb sound of the turntable is due to its massive construction.

The base is of solid brass, which is clamped together from two pieces and has excellent damping properties. The main shaft, which is 28mm in diameter, is fixed into this base. The platter is a sandwich construction of aluminum and acrylic plates screwed together in pre-stressed form to damp all unwanted vibration.

Hard, non-metallic material is used for the bearing which, together with a ruby ball, is lubricated in an oil pool to provide one-point contact with minimum vibration and noise.

Two motors are mounted separately in their own heavy brass towers. Two pulleys via two belts give stable, symmetrical drive to the platter.

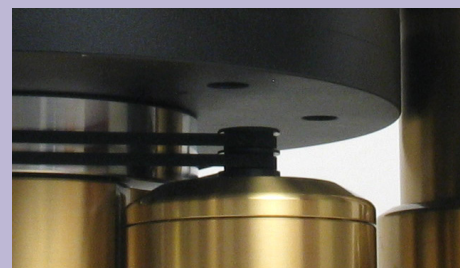
The electronic power supply generates controlled feed from a quartz clock to both motors in such a way that the driving coils of each individual motor minimize any vibration in the drive. A heavy brass and acrylic clamp provides additional damping of vibration created by playback, as well as flattening curved records. The record is pressed securely to the platter's mat, which is a semi-hard combination of rubber and textile.

The tonearm tower is a massive brass unit, and the arm board can be exchanged to accommodate many currently available tonearms. The mass of the tower gives additional structural and damping rigidity to the tonearm. The unit allows for VTA adjustment during normal use without loss of rigidity or azimuth.

The movable part is supported via a linear ball bearing 30mm in diameter and 100mm in length, which gives firm support while allowing VTA to be easily changed. Adjustments can be made over a range of 80mm, each turn of the knob representing precisely 0.1mm. In order to simplify adjustment, a micrometer gives a digital readout in the range of 12mm with a tolerance of 0.01mm, and these adjustments are easily repeatable.



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Technical Data:

Mass: (total w/o ps):	77 kg
Platter:	22 kg
Base:	27 kg
Motor Towers (two units):	14 kg
Tonearm Tower:	14 kg
Speeds:	33, 45 rpm
Dimensions:	450 x 400 x 300mm
Power Supply:	110 V - 240 V, 50/60 Hz
Optional:	up to three towers
	i.e.: three tonearms per turntable



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