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Subject: Analogue Belt drive turntables/Platine Verdier  
Posted by [Manualblock](#) on Fri, 27 May 2005 07:20:22 GMT  
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Continuing with the Platine Verdier. The motor is sourced from philips but it is not just any run of the mill production motor. It is called a "Low inertia motor", In a low inertia motor the rotor consists of a copper coil; the turns almost parallel with the rotational axle cutting the field lines of the magnetic circuit, excited by a permanent magnet that is totally fixed. The magnets are metallic alloy and the brushes and collector are gold-plated. The rotor turns in fitted and self-lubricating bronze bearings. The motor is DC powered with a simple regulatory circuit that obtains perfect stability. Sometimes it is good to see why the very expensive belt-drives cost as much as they do.

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