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ASCONA



Our goal was achieved when we set out to design a new milestone in turntable performance, aiming for an ultimate high mass turntable, but still elegant and stylish. The ASCONA represents the full realization of that goal, a pinnacle of achievement and outcome of our 21 year in-house research, design and ultraprecision machining expertise. The ASCONA story starts from the top down with the record platter; we know that the perfect turntable requires a resonant free platter rotating with perfect stability.

Here are some of the many technical features and sections we machine that make the ASCONA such an outstanding design. The chassis is milled out from a 75 mm thick block of aluminum and forms the integrated turntable ground plate. Combined with the new platter the ASCONA has a weight of 80 kg. We grind the surface by hand, a lengthy but essential process to achieve a stunning surface perfection with a visual presentation to match. The ASCONA employs a unique resonance control technology called Silencer. 24 large Silencers are used for the main body of the platter and 30 small Silencers on the very outer diameter of the platter, requiring a platter diameter of nearly 13.8 inches to accomplish this.

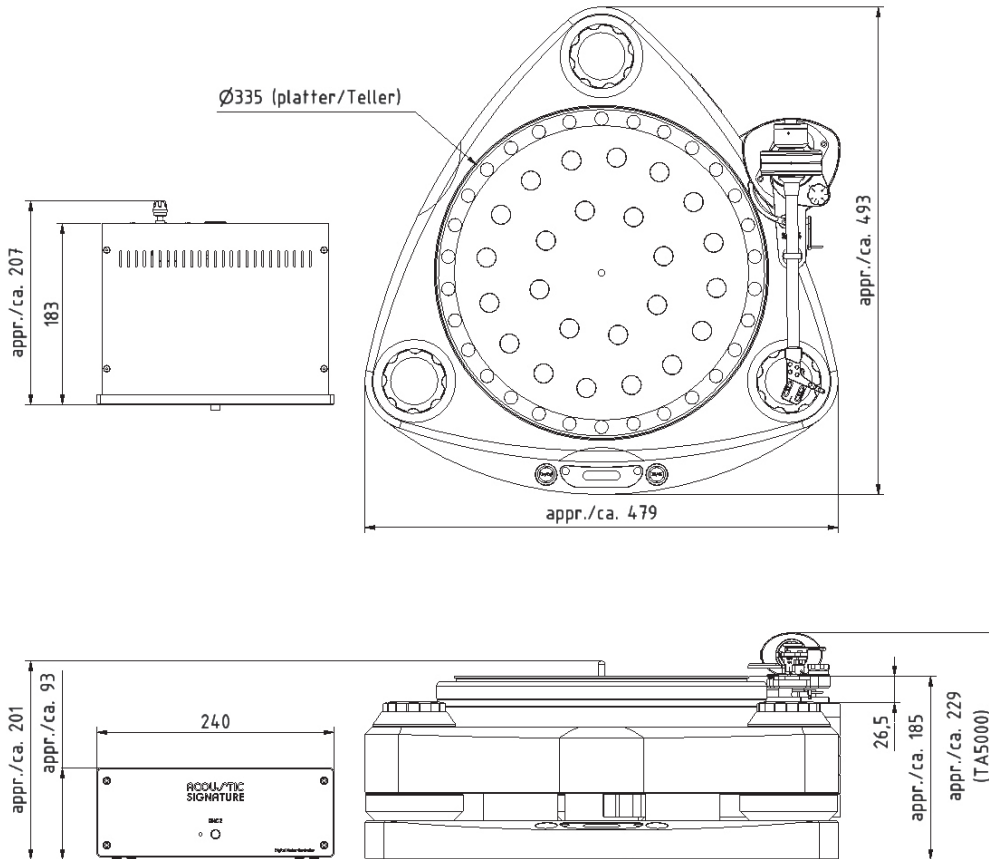
The heart of the new ASCONA marries our very substantial aluminum plinth measuring more than 75 mm with a 50 mm thick massive aluminum platter with a total weight of nearly 21 kg. These components are matched to our unique Tidorfolon-bearing, resulting in a perfect symphony of design and execution. This is

further complimented with a new fully designed digital motor system which provides flawless speed stability and easy user interface. Standard is our integrated 3-motor system to drive the ASCONA.

We at ACOUSTIC SIGNATURE believe that the motor system for a turntable should have enough force and inertial energy to obtain proper platter speed but not influence it during rotation. We reached that goal by using 3 European made synchronous motors with our own „State of the Art“-motor controller. The motors sit beside a cone-shaped sub-platter propelled by this 3-motor drive system. The round assembly surrounding the bearing prevent any tension to the main bearing so that it can spin perfectly centered.

Our Tidorfolon-bearing allows anyone with an eye for the extraordinary to instantly recognize how this hand-tuned slide bearing has been perfectly formed to guide the platter with approximately no clearance and likewise no friction or sound. Our Tidorfolon-bearing is valued and admired by fans and experts all over the world for its precision and its legendary reliability. It is always manufactured with great love for detail and precision in accordance with the best fine mechanical tradition.

The tone arm mounting plates are fully adjustable to accommodate the mounting of any desired tone arm design, with a maximum of 3 tone arms permitted.



TECHNICAL DATA

	ASCONA
Dimensions (width x height x depth)	481 mm** x 201 mm x 493 mm / 18,9" x 7,9" x 19,4" ** depending on position of arm base
Weight	70 kg / 154 lbs
Drive System	3 integrated DC-Motors, subplatter technology fine adjustment of speed possible
Speed range	33 1/3 RPM and 45 RPM
Power adapter	Internal AC to DC power adaptor (in Digital Motor Control DMC2+), Input: 100 V to 260 V AC 50Hz, Optional: DC-Input 24 V via XLR 5 pin-connector
Bearing	High precision Tidorfolon-bearing
Chassis (including baseplate)	479 mm x 160 mm x 493 mm / 18,8" x 6,3" x 19,4" , Aluminum, 3 height adjustable feet
Platter	Standard: platter with silencer technology, Ø 335 mm x 50 mm / Ø 13,2" x 1,97", weight: 13 kg / 28.7 lbs Optional: platter in sandwich construction aluminum-brass-aluminum, with silencer technology, Ø 335 mm x 50 mm / Ø 13,2" x 1,97", weight: 19 kg / 41.9 lbs
Tone arm base	Adjustable armbase with changeable armboard for a large number of tonearms