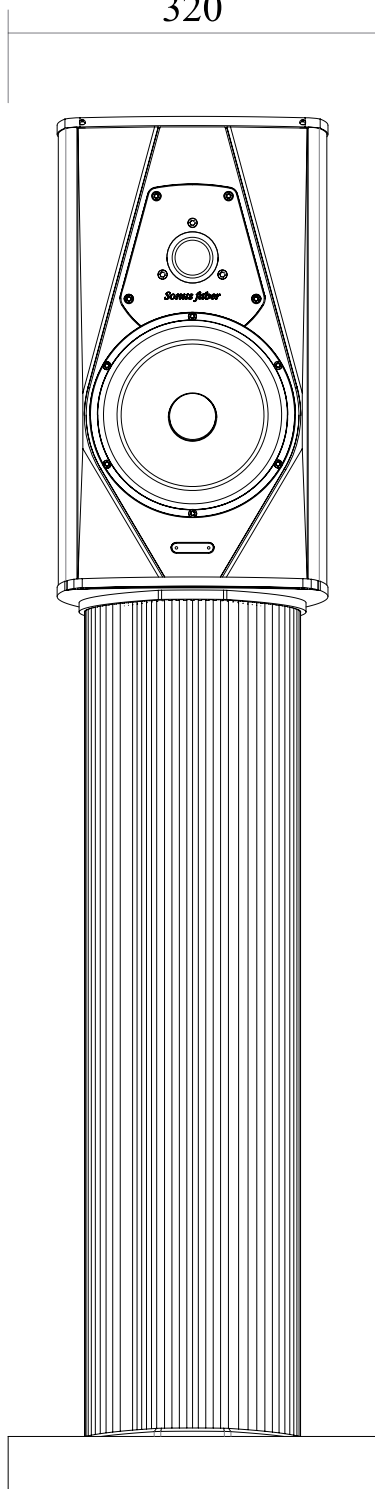


# GUARNERI *evolution*

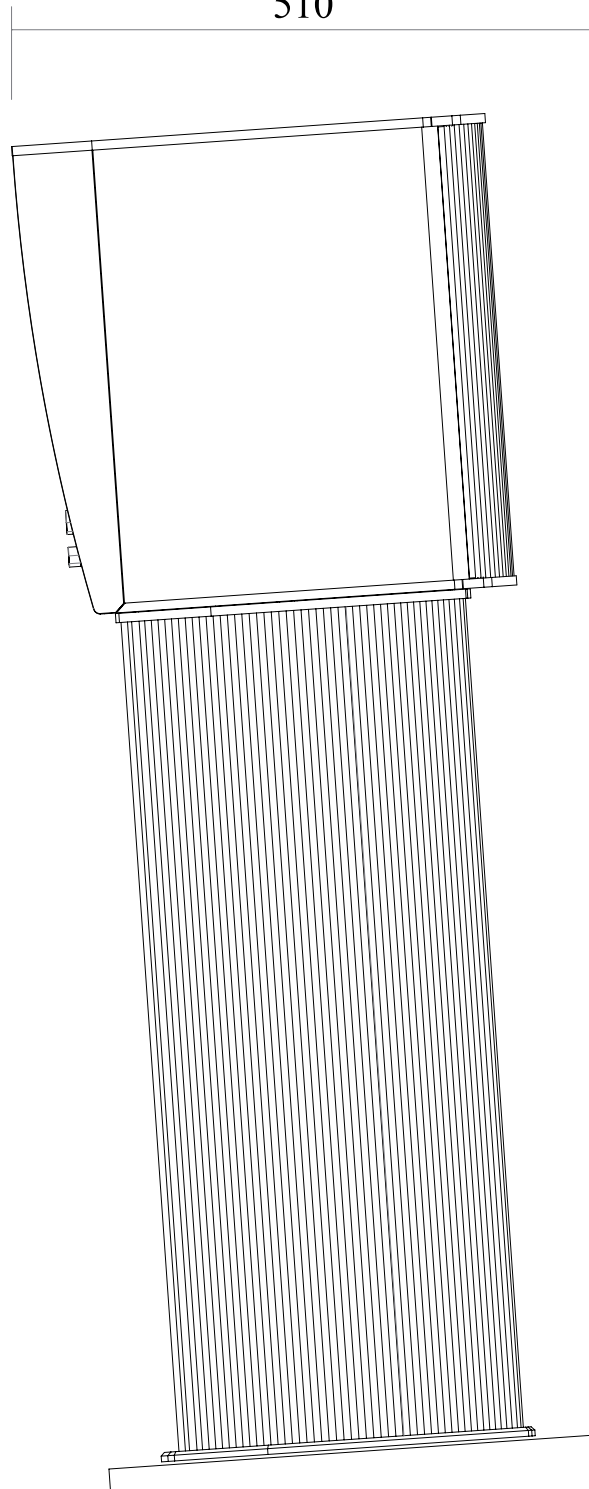
DATA SHEET

*Sonus faber*

320



510



1205



# DESIGN SPECIFICATIONS

## SYSTEM

2 way, low spurious vibration optimized suspension, stealth reflex para-a-periodic loading, compact monitor on a dedicated stand loudspeaker system.

## CABINET

Lute shape design, multilayer, constrained-mode damping, enclosure formed using hand selected wood layers, quality graded and oriented for carefully optimized resonances control.

Sub-structural ribs are strategically placed for absolute rejection of spurious vibrations. “New Era” avional (from “The” experience) exo-skeleton clamp structure with “The” Tuned Mass Damper inhibiting the residual resonances of the wooden structure.

## TWEETER

29 mm ultra dynamic linearity classic Ragnar Lian moving coil driver, Sonus faber vibration optimized mechanical interface.

## MIDRANGE/WOOFER

179 mm, ultra dynamic linearity driver. CCAW/Kapton “eddy current free” voice coil.

Dynamically linear magnetic field motor incorporating triple Kellogg/Goeller rings. Real time air dried and non pressed cellulose fiber cone. Designed synergistically with its optimized “acoustic chamber”.

A special coaxial anti-compressor are used, designed to remove cavity resonance and distortions.

## CROSS-OVER

Non-resonant “progressive slope” design, optimized amplitude/phase response for optimal space/time performance. “Paracross topology” topology on the tweeter hi-pass. The response at low frequencies is controlled for a clear amplifier friendly performance. Highest quality is used in terms of the components: Mundorf “Supreme” capacitors, Jantzen inductors. Cross-over: 2800Hz.

## FREQUENCY RESPONSE

40 Hz – 30.000 Hz, Stealth reflex included.

## SENSITIVITY

86 db SPL (2.83V/1 m).

## NOMINAL IMPEDENCE

4 ohm.

## POWER HANDLING

25W – 200W, without clipping.

## DIMENSIONS

410 x 235 x 412 mm (HxWxD).

## WEIGHT

37 Kg per pair – net weight / 43.5 Kg per pair – shipping weight.

## OPTIONAL DEDICATED STAND

Dimensions: 795 x 320 x 423 mm (HxWxD).

Weight: 72 Kg per pair – net weight / 86 Kg per pair – shipping weight.

## TOTAL DIMENSIONS

1205 x 320 x 510 mm (HxWxD).

