

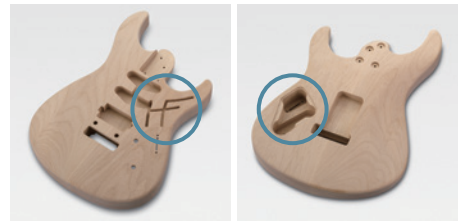
Acoustic Design The Evolving Sound of Yamaha Guitars part5

Acoustic Design of Pacifica Professional/Standard Plus

Imagine playing your guitar, completely absorbed in the music—no distractions, just you and your instrument. Every note rings out exactly as you intended, sounding just the way you envisioned. To bring this ideal to life, the latest Yamaha Pacifica has been carefully designed with refined features, including two innovative aspects of the body's construction.

Body Slits and Ribs – Controlling Vibrations

To achieve a rich midrange, the vibrations of the Pacifica body and neck have been carefully balanced. By slightly reducing rigidity in specific parts of the body, the vibration frequencies are precisely tuned to produce an ideal resonance. **Three slits are placed beneath the pickguard, while ribs are installed under the electronics cavity,** creating a unique structure where softness and stiffness coexist. This design is the result of meticulous simulations tailored to the distinctive shape of Pacifica—made possible by years of expertise in Acoustic Design.



Neck Design – Balancing Playability and Tone

The neck joint not only affects the guitar's appearance, but also its playability and tone. If it's too thin, durability and sound quality can be compromised; too thick, and it hinders ease of playing. Yamaha rigorously tested this delicate balance, resulting in **a new neck joint** that efficiently channels the vibration of the strings throughout the body while enhancing playability in the higher register.

In addition, to capture a more articulate and defined low-midrange tone, the latest Pacifica integrates adjustments to the headstock, truss rod, nut alignment, and overall scale length—resulting in greater neck rigidity and enhanced resonance.

Acoustic Design of Revstar

The first-generation Revstar won the hearts of many guitarists with its bold sound and unique design. The current second generation builds on that legacy, addressing what players have long wanted—a **tone that cuts through more clearly**. By tightening the low end and strengthening the mids, Yamaha refined the Acoustic Design of Revstar.

Chambered Bodies – A Perfect Balance of Tone and Weight

The geometric chambers carved into the body were precisely engineered to enhance resonance, reduce weight, and achieve perfect balance. While chambering is often used to simply lighten a guitar, **it was applied to shape the tone and enrich the natural resonance of the Revstar**. If too many cavities were added, the body would become excessively light, reducing low-end power and upsetting the balance with the neck, making it harder for players to focus on their performance. Through countless fine adjustments, Yamaha achieved the ideal blend of clear tone, rich resonance, and comfortable feel, giving birth to the signature sound of Revstar.



Carbon Reinforcement – Clearer Lows, Smoother Playability

Both Revstar Professional and Revstar Standard models feature carbon reinforcement rods embedded in the neck, significantly enhancing tonal clarity. While the chambered body enriches resonance, it can sometimes make the low-end sound slightly muddy. **By strengthening the neck with carbon, Yamaha keeps the lows clear and focused, without sacrificing playability.** This attention to both tone and feel is a hallmark of our craftsmanship.

Designed with meticulous attention to detail, the Revstar was created to deliver a tone that cuts through with greater clarity. "When we see artists truly enjoying themselves while playing during product evaluations, that's when we know our passion has reached them," says developers Yamanaka and Tashiro.

