



The voice of a piano has a limitless facility for expression, shifting with the melody and overlaying notes into a wonderful harmony. CX Series pianos are high-grade grand pianos, possessing both power and subtlety.

Kenmerken

The new soundboard resonates with the emotions of the performer.



A violin is built around a beautiful body with three-dimensional swellings and a delicately curved shape, which is similar to the three dimensional concave design in a piano soundboard called the “crown.” The manufacture of this crown is pivotal to the crafting of any piano, and is thus of paramount importance to piano engineers in addressing the problem of how to transmit the vibrations of the strings from the soundboard into the surrounding air efficiently. Yamaha has taken experience accumulated through many years of crafting pianos and combined it with unsurpassed engineering ability to ensure that the soundboard always provides superb projection. The resulting design capitalizes on physical phenomena unique to the craft of piano-making, to create a soundboard assembly with a structure that allows it to vibrate easily, something that would not have been possible without the deep understanding of the traditional art of piano crafting that goes hand-in-hand with Yamaha's experience and engineering know-how. The same techniques developed for gluing the soundboard, ribs, and bridge in the CFX are used for the C3X and above—models which require a great deal of projection—and the process of installing the resulting soundboard assembly into the piano body has been investigated carefully. This has resulted in dramatically improved projection and the unprecedented response that performers demand.

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CX Series pianos feature a thickened back frame for improved support, providing a rich, resonant tone.



One of the most important factors in achieving a rich tone is the support provided within the instrument. When playing powerful fortissimo the force exerted on the instrument causes it to bend slightly, losing energy. The part of the piano that accepts this force and transforms it into deep reverberation is called the back frame, which could be likened to the skeleton in a human body. On the C3X for example, this back frame is approximately 20% thicker than on other pianos, providing significantly improved support, and reflecting the considerations on which the CX Series has been completely redesigned.

Revolutionary new music wire offers beautiful sustain and harmony.

It is music wire that actually creates sound of a piano. While affected by its matching with the hammers, soundboard and body of the piano, music wire has a profound effect on the timbre and sustain of the instrument. The CX Series utilizes music wire that produces a rich sound with a full complexity of overtones in its middle and upper registers. Coupled with the support from a solid foundation, this gives CX Series pianos a rich, harmonic sound.

Expertise in frame making shines through in robust quality.



The frame in a modern piano must be able to withstand a total string tension in excess of twenty tons; not only does the frame work together with the wooden body to support the string tension, but it has a profound effect on the instrument's sound. Yamaha makes its own frames, relying on a method of casting referred to as the "vacuum process," developed over many years to create some of the best piano frames in the world. During this time we have built up a storehouse of knowledge on factors such as the manner in which controlling the temperature and composition of casting, and even the coating used on the frame itself, affects the acoustic characteristics of the piano. This is a major reason that Yamaha is able to ensure reliable quality when crafting our pianos.

Hammers based on those of the CFX Series.



Great hammers are essential to producing a beautifully expressive, malleable sound. Yamaha, unlike most other piano manufacturers, produces most of its own high-quality components, and is constantly looking for new ways to use the abilities developed through doing so to give our piano hammers tonality, resilience, and power. The CX Series has also benefitted from the results of this research and development, and utilizes the same felt as the CFX, adjusted to match the size of each instrument in the series. This ensures that all CX Series pianos possess a clear range of tonal colors and a nuanced, expressive sound.

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Voicing and regulation breathes life into the piano.



Pianos offer pianists only a limited amount of freedom; indeed, apart from the pedals, the pianist's scope for expression is limited to the 10 mm travel of each of the 88 keys on the keyboard. Even so, the combination of the pedals with the speed and velocity applied to the keys produces a range of tonal changes so broad that they cannot be reproduced with current digital technology. This is the true soul of an acoustic instrument, allowing the pianist to obtain an incredible amount of expression from just 10 mm of key travel. That is precisely why Yamaha devotes so much time voicing their pianos so that the intentions of the pianist are conveyed to the strings. In regulation, a craftsman adjusts the movement of the action so that it accurately transmits every nuance of the pianist's touch. In voicing, the hammers, which cause the strings to emit sound, are pricked with a pick to create a balanced tone that will respond beautifully when played. Even today, in an era when technology continues to evolve rapidly, these tasks remain the domain of skilled craftsmen who must ensure the high quality of these instruments, and are the main reason that Yamaha has remained one of the top piano makers in the world.

A design that unifies piano with pianist, inheriting the legacy of the CF series.



CX Series pianos feature a completely revamped design. Following in the footsteps of the CF Series concert grand, the CX Series design features simple, elegant lines, focusing on the characteristic legs of the piano in doing away with any excess ornamentation. This elegance is set off by a solid pedal box that allows performers to depress the pedals with as much power as they want, one aspect of a philosophy epitomizing "functional design" that allows pianists to become one with their instrument as they play. In order to provide the best playability possible, CX Series grand pianos offer white keys made of Ivorite[®], which has a feel, color, and absorbency very similar to natural ivory, while natural ebony has been used for the black keys.

The peace of mind that comes with a Yamaha grand piano



- The CX Series is equipped with a lid prop stopper to prevent your fingers from being caught when the piano lid closes unexpectedly. - The fallboard is fitted with a soft landing mechanism that means you no longer have to worry about the fallboard shutting on your fingers unexpectedly.

Specificaties

Color/Finish		
Cabinet	Finish	Polished

Specifications

Size/Weight		
Dimensions	Width	149cm (59")
	Height	101cm (40")
	Depth	200cm (6'7")
Weight	Weight	350kg (770lbs)

Control Interface		
Keyboard	Number of Keys	88
	Key Surfaces - White	Ivorite
	Key Surfaces - Black	WPC
Pedal		Damper / Sostenuto / Shift
Keyboard	Keyboard Action	Made by Yamaha

Design/Architecture Detail		
Hammer		CX Series Special
Caster	Type	Single Caster

Cabinet		
Lid	Prop Safety Stop	Yes
Key Cover	Lid/Fallboard Locks	Yes
	Soft-Close Fallboard	Yes

Functions		
Frame	Type	V-pro
Back Post	Number	4