



With its 113cm cabinet height and solid construction, the b2 features a solid spruce soundboard for warmth, depth and volume. Its understated elegance beautifully enhances any living space. And for the ambitious performer when affordability is a consideration, there is no better instrument.

### **The perfect balance**

Great value, right from the start. Choosing your first piano can be a daunting experience. Without expert knowledge, how will you know which to buy? What you need? Who to trust? Yamaha has been making fine pianos for over a century and we have earned an enviable reputation for reliability, tone and tuning stability. Our pianos are played by many of the world's leading concert pianists and selected by some of the finest conservatoires and music schools. Thanks to Yamaha's meticulous attention to detail (we make virtually all components from the frame to the piano keys), Yamaha pianos offer unrivaled build quality, performance and value. The Yamaha b Series was created with the student pianist in mind. It captures 100 years of accumulated expertise in a choice of three affordable instruments. If you're starting out on this exciting journey, we'll be with you all the way. Our reputation is your guarantee.

### **Kenmerken**

#### **Affordable Quality**



Produced at a Yamaha factory in Indonesia from a scale design developed in Japan, b Series pianos are Yamaha's most affordable entry-level uprights. Although reduced production costs allow budget-friendly prices, Yamaha makes no compromises in the materials and workmanship that go into these exceptional uprights.

## Kenmerken

### Quality Components, Quality Sound



Supported by four sturdy wooden back posts and a strong cast iron frame, b Series pianos are endowed with Yamaha's renowned pure, clear tone. High-grade hammers and a proven action design offer effortless playing and a highly responsive keyboard 'touch' that make these uprights ideal for beginning players.

### Design



Yamaha's b Series features pianos in a range of heights, widths, and depths. The b1 and b2 boast slender profiles, making them ideal for small spaces. With its larger dimensions and heavier construction, the b3 upright requires a little more room but brings a rich, far-reaching sound.

### Soundboard



The b2 models feature a solid spruce soundboard. The soundboard material is sourced in North America, where the seasonal temperatures and altitude are ideally suited to growing high quality spruce. b2 and b3 soundboards are produced in the Yamaha-owned Kitami facility which specialises in all woodworking processes - from selection of the wood by our own "woodscouts", through the seasoning process and right up to the production of the piano components - only for Yamaha.

### Keyboard



Yamaha produces all keyboards in-house. The keys on Yamaha b-series pianos are made from Sitka spruce. The wood is dried naturally for six to 24 months and then further seasoned in Yamaha's computer-controlled kilns. Since most of the wood in a piano key is left unpainted, Yamaha keys benefit from the stringent drying and seasoning procedures. It's thanks to these exacting practices that the keys are unaffected by changes in temperature and humidity.

### Action



A piano action must be resistant to continuous impact as well as changes in temperature and humidity. Yamaha takes advantage of its proprietary technology for drying and gluing maple - the principal material used - to ensure a very precise and long-lasting action. Every single one of the 5.500 action components is produced in-house! Machinery developed by Yamaha enables us to achieve incredible accuracy. Holes for flanges, for example, are drilled to within 0.05 of a millimeter. Yamaha was the first manufacturer in the world to develop a centre rail made from aluminum. Because aluminum rails are resistant to deformation and not influenced by temperature changes, strike-point deviation can be kept to a minimum.

## Kenmerken

### Frame



Yamaha is one of very few piano makers to produce its own frames. Our foundry is in Iwata. All b-series frames benefit from our unique, advanced V-Pro method. The V-Pro casting technique creates a mold from dry sand held in place by a plastic film and a vacuum. Compared to conventional methods, V-Pro frames offer a high-precision finish and more consistent quality. Yamaha developed this process for piano production.

### Pin Block



Yamaha produces the pin blocks for all b-Series pianos in-house. Yamaha pin blocks are constructed using several layers of maple, which offers an extremely stable base for the tuning pins. All perfectly dried pin block layers are fixed using a special adhesive at an angle of exactly 90° to ensure non-warping and non-shrinking construction for long life and optimum tuning stability.

### Tuning Pin



Yamaha produces all tuning pins in-house. Yamaha tuning pins are made of high strength special steel enabling them to withstand the high tension of the strings. All Yamaha tuning pins are nickel plated to protect them from corrosion. Yamaha has developed a special machine that produces the cut-thread tuning pins to an accuracy of two hundredths of a millimeter. The great accuracy ensures excellent tuning stability. From entry-level to concert models, Yamaha tuning pins deliver high torque stability, for tuning accuracy and high-quality sound.

### Back Posts



b-Series back posts, made by Yamaha, are fitted with two additional angular posts. In the tradition of piano building history it is said that unwelcome vibrations occur on the edges of the soundboard. Yamaha adds angular bracing posts to prevent these vibrations. On UP Yamaha employs a parquet post design to join the back posts to the wooden frame. A parquet post design minimizes sound attenuation at the joints to achieve well-balanced and long-resonating sounds. Parquet post refers to a design in which a base structure made up of posts and blocks is reinforced by a wooden slot glued to each side.

### Bridges



All b-series bridges are made by Yamaha. Beech hardwood assures strength, stability and optimises tone. The bridges are designed to transmit perfectly the vibrations of each string. The shape and positioning of treble and bass bridges is an important factor in tonal quality. Each piano in the b Series range has its own individually designed shape and positional configuration. Despite of the limited size of an upright piano, sufficient space must be secured for the strings. This can be achieved by positioning the bridge at the edge of the soundboard. But to transmit the vibrations to the soundboard, the bridge has to be placed near the center. To satisfy these conflicting requirements, the bottom of the bridge is placed towards the centre of the soundboard, and the top, where the string contact is made, projects outwards. All b-Series models have a bass overhanging bridge and the b3 also has a treble overhanging bridge.

## Kenmerken

### Strings



The music wires (steel) used in the Yamaha Indonesia facility are sourced from a trusted, specialist Japanese supplier. b-Series pianos use the same steel wires as found on our prestigious and famous U-Series! Yamaha produces bass-strings for b-Series in-house. The bass strings are hand wound by highly skilled, specialist craftsmen. The core material is made from high quality steel which is then wound with copper. To ensure accuracy and consistency, Yamaha has developed a machine to maintain the steel core at a fixed tension during the winding process. Producing bass strings in house and harnessing its extensive experience in sound-quality evaluation, strings can be custom wound to enhance the tone of individual piano models.

### Hammer



Yamaha is one of the very few piano manufacturers to produce its own hammers. Carefully selected materials and specialised, Yamaha-developed machinery, is employed to craft hammers of the highest quality. The size and shape of the hammer as well as the elasticity, hardness and density of the hammer felt are thoroughly considered each model. In collaboration with specialist felt manufacturers, Yamaha applies strict quality standards regarding the hardness and thickness of the felt used on its hammers. Yamaha tailors its hammers in such a way that they optimally complement the design of each piano model and consistently deliver the required levels of volume. Compliant with Yamaha's stringent standards of hardness and thickness, the hammer felt is highly durable and resistant to changes in ambient temperature and humidity.

## Specifications

| Color/Finish |        |                |
|--------------|--------|----------------|
| Cabinet      | Color  | Polished Ebony |
|              | Finish | Polished Ebony |

## Specifications

| Size/Weight |        |       |
|-------------|--------|-------|
| Dimensions  | Width  | 149cm |
|             | Height | 113cm |
|             | Depth  | 53cm  |
| Weight      | Weight | 194kg |

## Specifications

| Control Interface |                      |                                   |
|-------------------|----------------------|-----------------------------------|
| Keyboard          | Number of Keys       | 88                                |
|                   | Key Surfaces - White | Acrylic Resin                     |
|                   | Key Surfaces - Black | Phenolic Resin with Wooden Filler |
| Pedal             |                      | Shift, Muffler, Damper            |

**Specificaties**

| <b>Design/Architecture Detail</b> |      |                  |
|-----------------------------------|------|------------------|
| Hammer                            |      | b Series Special |
| Caster                            | Type | Single caster    |

| <b>Cabinet</b> |                      |    |
|----------------|----------------------|----|
| Key Cover      | Lid/Fallboard Locks  | No |
|                | Soft-Close Fallboard | No |

| <b>Functions</b> |        |           |
|------------------|--------|-----------|
| Frame            | Type   | V-process |
| Back Post        | Number | 4         |