Pianos.

The range.

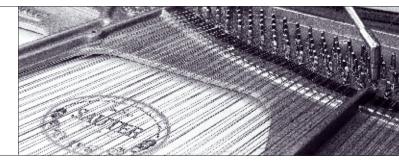


Pianos for life.

Beauty in sound and sight.

Those who consider buying a piano today, are entitled to the highest standards available. First, sound is of the most importance, as music is, above all, a listening experience. Second, a piano's visual appearance determines its overall beauty and sound. Pianos should harmonise with one's environment and lifestyle.

These are the standards to which we build pianos so that our ambition and success is justified. Pianos by SAUTER are pleasing because of their sparkling sound, fine playing-experience, and high expressiveness. Additionally, they are an inspiration because of their first class appearance and perfect workmanship. Listen and see for yourself!



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Manufacturing philosophy since 1819.

SAUTER started building pianos nearly 200 years ago. Johann Grimm, the founder of the company, learned the trade of piano making from Johann Andreas Streicher in Vienna, who built Beethoven s instruments. This is how the founder of SAUTER early became acquainted with the high requirements of the famous composer. After successful completion of his apprenticeship, he started building square pianos himself. The art of building such high-standard pianos grew into a family tradition, with new improvements and refinements evolving into an excellent culture of sound. Joyfulness in innovation has become an inherent part of our philosophy. SAUTER placed the emphasis on developing the double repetition action of grand pianos and implementing high standard pianos of master quality. The exclusive range of "Sauter – designed by Peter Maly" earmarked a milestone especially created for modern living concepts.

Today's manufacturing philosophy pitches the note at SAUTER. All parts conferring the spirit to the piano are crafted manually. Machines do not govern here, expert hands are at work instead. The wood is sweet with the sound beating the time. This is how value-abiding pianos and grand pianos originate, all of which can be seen and felt.



How beauty in sound emerges.

Sound by means of precision.

A piano is far more than the sum of its parts. Beauty in sound emerges by the harmonious interaction of countless details...and by the love, experience, and musical sensitivity of the piano maker. One glance at the inside of our pianos reveals many secrets in sound.

The Sound Board

The special "SAUTER Spherical Concavity[®]" of the sound board of all pianos and grand pianos designed by SAUTER bears the secret of its particular sound. These everlasting sturdy and tone-supporting cove, originates from a worldwide unique manufacturing process, which can only be mastered after many years of intensive experience. Point of origin is evenly grown spruce wood from regions in low mountain ranges and the Alps, which is eminently hard yet airy and flexible. The forms and positions of the structure slats are crucial for the precise concavity, which is glued together, in one form and under immense pressure, to the sound board, thereby stabilizing the concavity, which remain without wanting to revert into their flat form. This conveys the desired membranous effect, in favour of an enduring pureness and clarity in tone.

Developed and researched over many years, the manufacturing process of the sound board is one of the sound characteristics of SAUTER, which is so inimitably lively and bright. This can be guaranteed for the future since the past decades have shown that it is impossible to copy this process. So what are the main differences with other soundboards used on the market? The sound boards of other pianos are often solely cylindrical formed, resulting in a rather modest sound irradiation. Using woods of minor quality, or spruce planks of unknown origin and pre-treatment, are of equal negative influence. Soundboards made of veneered spruce plywood are particularly poor for conducting tone, as they are too heavy and too stiff.

Bridges and Strings

The "SAUTER Spherical Concavity[®]" creates wonderful conditions to let the sound board vibrate individually and produce high overtones. The energy of the swinging strings is then carried forward by the bridges, which are glued to the sound board. The strings rest on these bridges with a certain pressure and are secured with pins so that as much swinging energy as possible is transmitted through to the sound board.

It is the fine-tuning of the actual string strength, string tension and bridge pressure which determine the tone character and its expression. If any one of these components changes over time, the concavity for example, the soul of sound gets lost.

Strings are made of high-quality steel, which cannot be too hard or too soft. Bass strings are woven with up to 99.9% with pure copper in order to achieve the necessary physical mass. To guarantee this quality we produce these strings ourselves on our premises.

Harmony and Precision

SAUTER s high-class musical quality appears in the harmonic interaction between the following factors:

- the right choice of wood used for sound boards, bridges and structural slats,
- the "SAUTER Spherical Concavity"
- the precise manufacture of bridges and pins
- the high and consistent quality of strings
- high-precision agraffes for a clean restriction in the string s sounding length
- first-class components of the string s attachment, like agraffes and pins, which are accurately manufactured with brass and steel respectively, while the concert grand 275 CONCERT is actually of pure titanium.

The specification of all tone-relevant components are individually designed and developed for each piano type.

Iron Plates and Backs

The cast iron frame, which we manufacture ourselves, has to permanently hold enormous tractive forces of more than 20 tons without bending or resonating. Only elaborate grey iron combined with constructive acuteness of the best workmanship can accomplish this, hence it is used by SAUTER. Panels poured under vacuum, a technique also used for the production of other instruments, are over-dense and tend to turn oscillation energies into undesired natural vibrations, in doing so preventing these energies from being transmitted into the resonating body.

The sound board is firmly attached to a strong notch. A strung back is a heavy timber-frame construction at the back of the piano or rear side of the grand piano. This is why the sound board can freely swing and the oscillating energy can be reflected by the strung back again and again, thus prolonging the sound of tones. In favour of excellent sound, SAUTER chose the elaborate road to building pianos. When building a piano, a lot of manufacturing steps can be simplified or made more machine-suitable. However, the quality of sound would suffer and the sparkling and bright tones of SAUTER s pianos are precisely their feature! Because our clients have appreciated this beauty in tone, we will continue this process as we have done for nearly 200 years.



Sound through senses.

The String Scale

Unlike in the art of rational engineering, subjective feeling plays a decisive role in the manufacture of pianos. The piano maker has firstly to decide how his piano should sound and then has to seek ways to achieve his goal. The first step is to draft measures, i.e. lengths, profiles and tractive forces of strings. This is the foundation of a piano, its genetic design so to say. Although computer programmes are being used to calculate the parameter nowadays, the core area in manufacturing pianos offers a wide field of empirical assignments demanding a keen musical sense and vast experience. These abilities plus 200 years of tradition have given the pianos and grand pianos of SAUTER their bright and unmistakable sound characteristics.

The Hammerheads

Every pianist knows that a piano tone emerges when a small hammer coated with felt strikes the string. Extreme slow motion pictures have shown lately that this process is even more complicated than previously believed among experts. The hammerhead is not only the interface between musician and sounding body but is also involved in the tone s implementation, therefore, part of musical expressiveness. This is why we at SAUTER pay the highest attention and diligence to this issue. A variety of factors need to be considered: the felt s strength, texture and form, the hammer s haft and core, and the paste-application dictate the spectrum of overtones and consequently the instrument s musical quality. The optimum for this cannot be calculated; it only can be achieved with intuition and experience.

Voicing the Piano

Like creating a scintillant work of art when faceting a raw diamond, the voicing of the hammerhead is one of the piano s, or grand piano s, most important steps, but also one of the most difficult ones. The SAUTER piano makers accord the head by dint of thin needles and finest sandpaper in order to create the unmistakable SAUTER SOUND in every SAUTER piano. Besides skilled craftsmanship and experience, musical intuition is essential for its success. Only a finely toned instrument can entirely unfold its sonority and respond to the pianist s nuances in playing.



The superb feeling of playing.

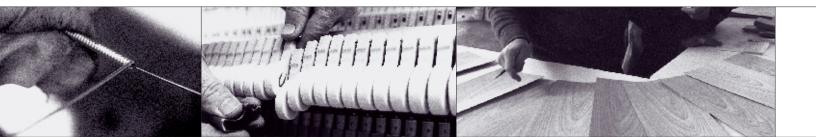
Keyboard and Action

As precious silverware contributes to the savouring of good food, first-class and lovingly elaborated keyboard and action similarly contribute to the relishing of piano music. The keyboard is part of the musical mechanism, which is often paid little attention to. Nevertheless, if it was not flawlessly built, the enjoyment is soon blurred by gripping or scrubbing keys. SAUTER was the first pianoforte manufacturer to introduce the modern steel frame, precluding any warping of the keyboard.

The mechanics, as a most important part of the musical mechanism, provide for the transformation of energy, which initiates when striking a key, through the hammerhead and into oscillation energy. Good pianos are rich in overtones, which transmit the tones according to the intensity of the strike – this is the source of expressiveness. Hence it is of great importance to everyone playing the piano to develop ones stroke, thus enlarging the diversity in tone, which is only possible with a perfectly designed mechanism, produced with the best possible accuracy and which is properly set.

When visiting the SAUTER pianoforte workshop you will appreciate that it takes more than just craftsmanship to put together more than 6,000 pieces of wood, leather, felt and metal in one single musical mechanism to create a sound with no musical limits.

A superb playing experience!



Series 112

Enter SAUTER s world of sound.

The 112-series opens the door to SAUTER s world of sound. All the components and technical advantages crucial for the tone are combined in this compact product-range. Here you can already profit from the unique sound board with "SAUTER Spherical Concavity[®]".

Experience the brightness of a piano tone, which will, no doubt, convince you!

Our current model of this series is perfectly suited to every sophisticated person learning to play the piano and wanting to further his art. Compare the SAUTER sound with your own personal sensation of tone and you will be thrilled by what a piano of this class has to offer.

Carus 112

The inspiring tone of its class.	Height: 112 cm, 3'7" Width: 145.5 cm, 4'8"
	Depth: 59 cm, 1'10"
	Weight: 180 kg, 397 lbs.



Specifications:

Sound Board: selected mountain spruce. Finish: multilayered varnish. Construction with five solid back posts resistant to any deformation.

Finishes:

polished black

black satin ash

satin walnut

For further information on individual specifications and specially designed models please refer to our overview on page 26/27.

Series 116

SAUTER. For good sound.

The bigger sound board of our series 116 offers more volume in sound. The unique "SAUTER Spherical Concavity®" of the sound board produces well-balanced sound characteristics, supported by tonewood of mountain spruce. This wood is strong on one hand, but flexible on the other offering a wide spectrum of tone. Our good working keyboard offers you great delight in playing. SAUTER, as a manufacturer of pianos, was first to introduce the modern truss frame made of steel, which precludes any deformation of the clavier. Pianos of this range are characterised by an ideal coordination between musical mechanism and mechanics for an even lighter playing experience, allowing your piano-playing to sound even smoother.

The enlarged hammerhead makes the tone more substantial and influences the response of the piano to your playing. This you will hear!

The sum of all constructive features skilfully realized in SAUTER s manufacture, guarantee longevity.

Our perfect piano technique is available in three visually different models:

- Cosmo unites functional-classical aesthetics in a piano,
- Vision with its cubical design, the modern interpretation of classics, and
- Nova in its modernity.

Choose the one, which appeals the most to you! Please also see our optional extras awarding your piano even more individuality.

Cosmo 116

The new sound generation in functional classical music.

Height: 116 cm, 3'8" Width: 146 cm, 4'8" Depth: 60 cm, 1'10" Weight: 205 kg, 452 lbs.



Specifications:

Increased volume in tone, thanks to a new construction with an amply laid-out sound board.

Practice pedal, lock and double brass castors.

Finishes:

polished black cherry wood, shellac^{*} solid beech, shellac^{*} solid alder, shellac^{*} satin walnut

* Shellac is a natural product of scale insects which has been used for hundreds of years.

Vision 116

The trend of time.

SAUTER

Height: 116 cm, 3'8" Width: 144.5 cm, 4'7" Depth: 59 cm, 1'10" Weight: 200 kg, 441 lbs.

Specifications:

Non-stop shadow gaps award clarity to the form, contrasting with the round console. Beady, homogeneous tone, and remarkably mature sound. High-class details: grip plate, fittings, pedals and double castors match the body finish either shiny chrome-plated or in nickel velour. Practice pedal.

Finishes:

polished black polished white satin beech satin mahogany satin walnut



For further information on individual specifications and specially designed models please refer to our overview on page 26/27.

Nova 116

A contemporary performance of tone.



Height: 116 cm, 3'8" Width: 144.5 cm, 4'7" Depth: 59 cm, 1'10" Weight: 200 kg, 441 lbs.



Specifications:

Non-stop shadow gaps award clarity to the form. Feet, adjustable in height meet ergonomic and spatial requirements. Highclass details: grip plate, fittings, pedals and height adjustable feet match the body finish either high-polish chrome-plated or in nickel velour. Practice pedal.

Finishes: polished black satin maple satin cherry wood satin pear satin walnut

Series 122/130

SAUTER s double repetition action for greater pleasure in sound

SAUTER-pianos of this product range are equipped with a sound board, which is up to 25% bigger in size in comparison to the basic models. This works in favour of the sound, due to the "SAUTER Spherical Concavity®" of the sound board. Tones are consequently amplified paired with a sparkling liveliness in quality.

Pianos of this series are equipped with another extra: the double repetition action of grand pianos developed by SAUTER. Solved by something as simple gravity, grand pianos overcome what is a real problem for vertical pianos: the damper lever, which transfers the action from key to hammer, responds far too slowly when being struck repeatedly or in quick succession, leaving the succeeding strike soundless. The SAUTER double-repetition action of grand pianos, a solid and non-wearing construction, permits the responsiveness of grand pianos – without compromise. Only pianos by SAUTER have this unique action. Furthermore, pianos of the 122/130-series possess a finer mensure leading to a more balanced distribution of tone from Treble to Bass.

The Competence 130 has an even bigger sound board, posing an even bigger challenge to the action in order to hear and experience the big and wide sonority. That is why this piano by SAUTER has an even further developed action with an optimised lever rapport. It is easier and more controllable to add touches to the style of playing. SAUTER-pianos of this product range are for passionate pianists already 'au fait' with the art of playing piano.

112 116 122/130 Master Class Series Design

Ragazza 122

A promise of sound in classical design.



Height: 122 cm, 4' Width: 145.5 cm, 4'8" Depth: 60 cm, 1'10" Weight: 220 kg 485 lbs.



Specifications:

Fascination in detail. With grand lid and brass appliqué on the console. Classical design with soft lines. Practice pedal, double repetition action of grand pianos, lock, double brass castors.

Finishes:

polished black polished steel blue polished white polished yew satin cherry wood satin cherry wood/yew

Vista 122

The elegant appearance in form and tone.

Height: 122 cm, 4' Width: 149.5 cm, 4'9" Depth: 59.5 cm, 1'10" Weight: 230 kg, 518 lbs.

Specifications:

The classical front is only broken up by one central joint. Console and keyboard are separated from each other, the units clearly contrasting each other by shadow joints. High-class details: fittings, pedals and double castors match the body finish with a choice of either high-polish chrome-plated or in nickel velour. The precious grip makes it easy to open the instrument. Lock, grand lid, practice pedal, and double repetition action of grand pianos.

Finishes:

black polished satin maple satin pear satin cherry wood



Competence 130

Adding nuances to expressiveness and playing experience.

Height: 130 cm, 4'3" Width: 149 cm, 4'8" Depth: 60.5 cm, 1'10" Weight: 230 kg 518 lbs



Specifications:

Double repetition action of grand pianos, practice pedal, lock, brass double castors, and hydraulic fall damper^{*}.

Finishes:

polished black satin walnut

The Master Class

SAUTER pianos providing concert quality.

For sound perfection, SAUTER offers a series of master class pianos – our top-of-the-range piano manufacturing. These pianos by SAUTER hit ambitious music peaks, with tones of concert quality. Further inner qualities are added to this master class by SAUTER; with it comes the sostenuto pedal (sustaining pedal), which is usually only to be found in grand pianos. Hence, these pianos by SAUTER offer the sound quality of a grand piano.

Thanks to the patented construction of the sustaining pedal it is possible to adjust its function particularly well without any major effort. Hammerheads with a core of exotic woods enhance the good tone sensation and are ideally fine-tuned with the resonating body. For even better tone purity, we use only the finest spruce from the "Val di Fiemme" in the high region of South Tyrol, grown at an altitude of 1,100 metres, for the sound board. This wood is free of tension and can be consequently worked very well, delivering, together with the unique "SAUTER Spherical Concavity®", an unheard-of pleasure in listening. Such legendary tonewood is preferred by Cremonesian violin makers like the 'Stradivaris' for centuries.

Sharp tones made of ebony, award fabulous playing sensation. Our eye catching cast plates are hand-grounded and completed with a precious finish and our inner body and hammer rests are covered with maple heartwood to achieve the ultimate finish. High demands are made in piano-making and are being met with the Master Class made by SAUTER. Built for sophisticated pianists.

Master Class 122/130

Professionalism perfectly satisfied.



Height: 122 cm/130 cm, 4'/4'3" Width: 146.5 cm/149.5 cm, 4'8" Depth: 60 cm/61 cm, 1'10" Weight: 220 kg/240 kg 485/529 lbs.



Specifications:

Sound board made of finest Val di Fiemme tonewood. Sharp tones made of ebony, hand-grounded cast plate, hammerheads with walnut core and choice high-quality felts, double repetition action, sostenuto pedal* (sustaining pedal) as on grand pianos. Lock, hygrometer, and brass castors. Solid string back. Inside of casing and hammer shaft covered with maple heartwood, hydraulic soft fallboard^{**}.

Finish:

black polished

Series "Design"

SAUTER pianos designed by Peter Maly.

The piano created for today s living concepts. This conveys Peter Maly^{*}, internationally recognised designer for interiors who dealt with the subject 'piano' exclusively for SAUTER.

Maly s understanding of design is marked by original forms combined with the utmost functionality as well as perfection in manufacturing. Many of his designs are already recognised as modern classics.

SAUTER pianos designed by Peter Maly largely match the SAUTER Master Class pianos, with respect to their technique: the sound board, 25% bigger, is characterised by the unique "SAUTER Spherical Concavity®" and the speciality of SAUTER, the double repetition action of grand pianos (for more detailed information please refer to page 16). Here, as well, the sound board is solely made from the finest spruce from the "Val di Fiemme" in the high region of South Tyrol, grown at an altitude of 1,100 meters. For a better playing sensation, half tones (sharps and flats) are made of ebony. The cast plate is hand-ground and complemented with a precious finish. Experienced pianists, whose piano is in focus at their home, will be thrilled by the touch and appearance of this design piano.

* More about the works and person of the designer Peter Maly can be found in the new book: Peter Maly, Hamburg, author Bernd Polster, Dumont-Verlag, ISBN 978-3-8321-7771-3, published in 2007, and which can be purchased in book stores.

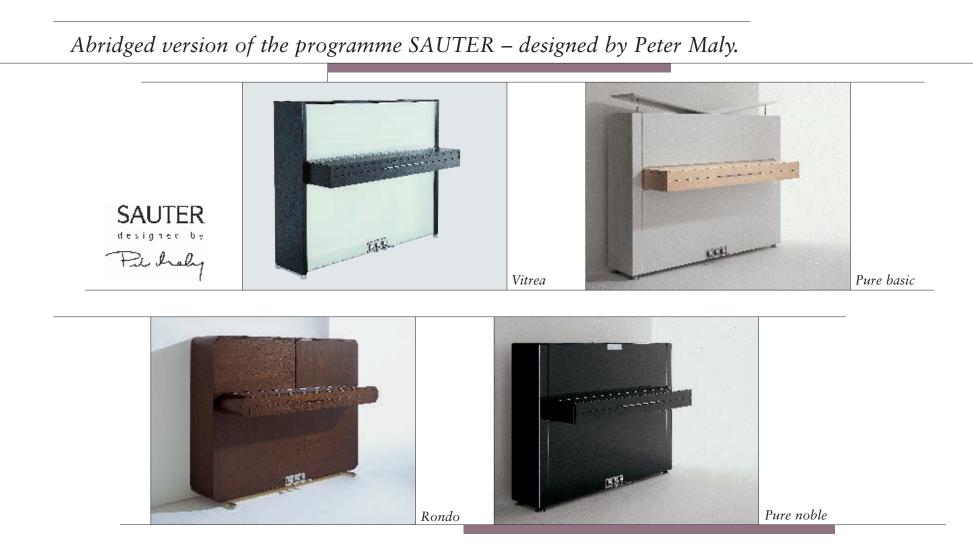
116

122/130

Master Class

Series Design

112



The detailed version of the catalogue 'SAUTER – designed by Peter Maly' is available at your piano dealer or directly from SAUTER.

School Pianos 116/122

The durable piano.

Height: 116 cm, 122 cm, 3'8"/4' Width: 154.5 cm, 5' Depth: 60.5 cm 1'10" Weight: 190 kg, 210 kg 419/463 lbs.

Specifications:

Ideal for schools, churches, on the stage and jazz clubs.

Practical design and well thought-out details: lockable, easy action double castors with nylon bearing surfaces, combined bumper and transport handle, very long music stand, practical locks on the cover and lid, hydraulic damper for the fallboard. In size 122, the school piano is also available with double repetition action of grand pianos.

Finishes:

black satin ash satin beech



Microtrone Piano

The 1/16 tone piano by SAUTER.

The sixteenth-tone piano is pitched from key to key in 1/16 intervals. From the lowest to the highest tones, there is a span of exactly an octave on this piano. The sound is remarkable as it does not have the traditional sound quality of a piano but, due to the continually developing vibrations of the individual tones, completely new sound waves are produced. These tones result in new challenges for a pianist and also for a composer writing for this type of instrument.

Height: 120 cm, 3'9" Width: 152 cm, 4'10" Depth: 60 cm, 1'10" Weight: 250 kg, 551 lbs.

Specifications:

97 keys and 291 steel strings, which are continuously stretched in treble strings (three strings per tone).

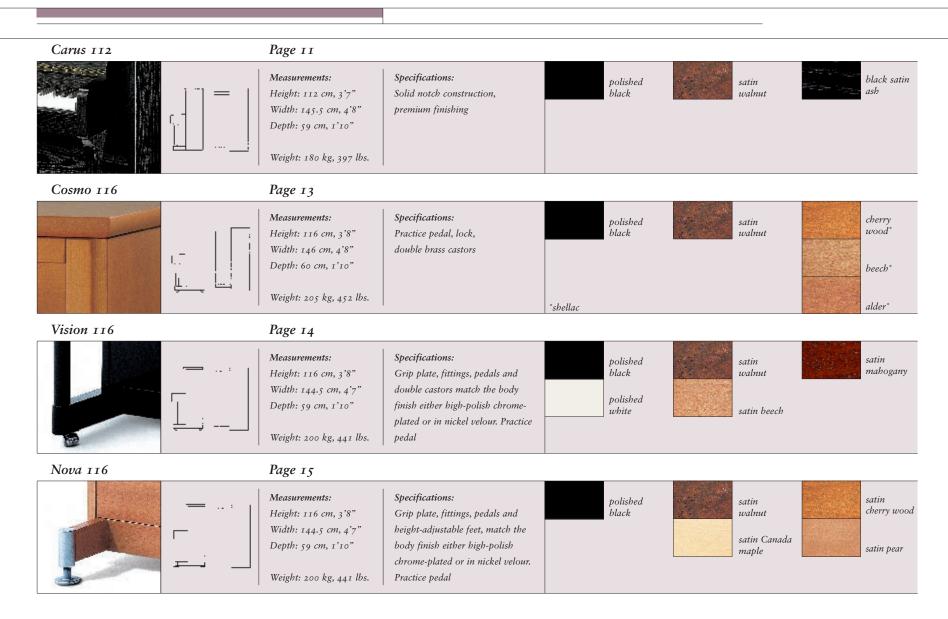
Finish: polished black

For more information please contact SAUTER directly.

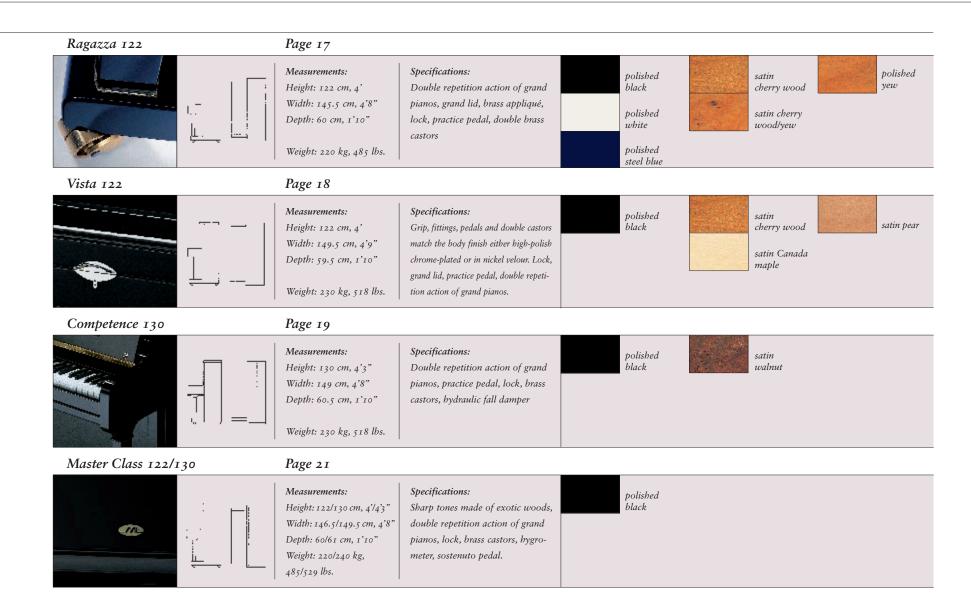


Measurements, Specifications and Finishes

In harmony with your home.



All models are also available as customer designed models. We offer a wide range of individual specifications from which you can choose, if you wish to design your own personal piano, don t hesitate to ask us!



Grand Pianos for life.

Grand Pianos by SAUTER.

Summary of Grand Pianos by SAUTER:

Alpha 160 The grand piano for the music room

Delta 185 The grand piano for the parlour

Omega 220 The grand piano with extension register

Concert 275 The big concert grand



Omega

Designed by Peter Maly.





Fil haly

Vivace 210 SAUTER – designed by Peter Maly

Ambiente 230 SAUTER – designed by Peter Maly

Ambiente

Are you interested in a grand piano? A detailed version of the SAUTER catalogue of grand pianos is available at your piano dealer or directly from SAUTER.

Benches

Top class piano benches.



Tubus

Designed by Peter Maly. Heightadjustable piano bench, frame made of slightly curved round tubular steel, chrome-plated. Seat with leather cover.



Unico

Height-adjustable piano bench. Frame finish to match your SAUTER piano, mirror polish, satined or waxed. Seat made of real leather, solid rotary brass knobs, music compartment.



Factus

Designed by Peter Maly. Heightadjustable piano bench. Rectilinear frame of rectangular steel profiles, chrome-plated. Seat with leather cover.



Posto

Designed by Peter Maly. The piano bench matching our piano Rondo of the designed range. Stainless steel frame. Seat with leather cover.



Campo

Height-adjustable piano bench. Rounded edges and inclined legs. Frame finish to match your SAUTER piano, polished, satined or waxed. Seat made of real leather with noble stitching.



Great in tone, great in design

More brochures on the entire SAUTER range are available at your piano dealer or directly from SAUTER.

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