ergoVio
Ergonomics for Violinists

Fine quality accessories
for string instruments

Masterly handcrafted in Germany

CATALOGUE 2015

9th edition
Antonio Stradivari, Violoncello 1710

Photo: Jan Röhrmann

ergo Vio  Titanium fine tuners tailpiece
French model, Rosewood
Esteemed business partners,
Ladies and Gentlemen,

We manufacture our accessories with the utmost perfection and strive to implement our customers’ requirements for the sound and playability of the stringed instrument.

In the vision – to build chinrest, tailpiece and pegs which are characterized by sound, comfort, aesthetics we combine the artistic skill of traditional violin making and our valuable experience of the ergonomic chinrest with the high tech production of titanium parts.

The design and choice of the best acoustic materials-wood and titanium-for the titanium finetuners tailpiece and the ergonomic chinrest promote timbre-potential and sensitive touch to develop of your instrument.

I am glad about our constructive and successful collaboration.

Best regards,

Aleksej Slobodyrev
The son of a musician, Aleksej Slobodyrev began playing the violin at the age of four. Having been admitted to a music school for „Highly talented children“, Aleksej was expected to own an instrument of great quality. Unfortunately his first violin was more than just poor, it was just unsatisfactory. It is due to this fact that at the age of 14 he developed a wish to solve problems concerning the playability and the sounding of his own instrument. He began to build his first bridges, soundposts, a variety of shoulder rests, and designed a chinrest model which is still the prototype of the successfully built ergonomic chinrests of today. The idea of the ergonomic chinrest started 49 years ago. Fascinated by the violin, he continued to pursue his ideas with the design of chinrest models. After finishing his music studies, Slobodyrev decided to do an apprenticeship as a violin maker at the “Vuchetich-Artists-Association” in Moscow and to devote himself to violin making.

In the following years he restored and built string instruments in close cooperation with the musicians. As a practicing orchestral violinist, Aleksej obtained a thorough realization of the problems concerning the playability of instruments and the many resulting health consequences of the violinists and violists in general.

After his successfully examination as a master violinmaker in 1993 in Nürnberg (Germany), he founded his own violin maker workshop in 1994 in Hannover.
The design and choice of the best acoustic materials - wood and titanium - for the tailpiece promote timbre-potential and sensitive touch to develop of the instrument.

The benefits for the sound:

• The ergoVio titanium finetuner weighs only
  - 0,9 g - for violin
  - 1,0 g - for viola
  - 3,7 g - for violoncello

• is integrated in the tailpiece and it does not abbreviate the resonant part of the string between the bridge and the tailpiece

• the angle of the strings at the bridge stays unvaried

• the lower intake-angle of the strings from the bridge to the tailpiece is acoustically advantageous, because of the enhanced slot width of the tailpiece

The benefits for the comfort:

• the wide tuning range - fine tune over a whole tone

• low tension rotation

• the ergo Vio titanium finetuner is made from antiallergical titanium grade 2

The delicate and precise finish of the finetuner goes along with the artistic design of the tailpiece, creating a consonance accord.
Charles Watt

is a musician and cellist who finds himself playing a broad range of music with a variety of ensembles;
Contemporary/Modern music with groups such as Ensemble Modern Insomnio, Asko Schoenberg, and Nieuw Ensemble, Chamber music with Ensemble Lamaka and his lovely piano/cello duo partner Mariana Izman, Jazz with Tim Kliphuis and Friends whilst regularly guest leading orchestras, both chamber and symphonic ranging from Amsterdam Sinfonietta to The Rotterdam Philharmonic. He has also taught cello extensively for over ten years having cello classes simultaneously at The Yehudi Menuhin school and the Purcell School of Music and being a course leader at the Guildhall School of Music and Drama before moving to the Netherlands in 2011. He is continuously thrilled to be loaned a Joseph Guarnerius filius Andreas cello from 1685 and a Persois bow which make playing all the more fun.

„This Pernambuco tailpiece has transformed the sound production possibilities of my cello. Firstly by making the string response more immediate, sensitised and brilliant, which opens up new possibilities for sound production and articulation like never before. Then it has dramatically increased the number and clarity of overtones on the cello increasing the range and tonal possibilities one can achieve. No other accessory that I have tried has had such a positive and beneficial impact on the sound potential of my cello whilst aesthetically complementing the beauty of the instrument. “
Joseph Guarnerius filius Andreas
Violoncello 1685
Photo Sarah Wijzenbeek

ergovi Vio Titanium fine tuners tailpiece
French model, Pernambuco
The vision of sound comfort aesthetics

The ergonomic chinrest

The ergoVio chinrests was in 44 years collaboration with violinists developed, tested and proven. Based on the interaction and fusion of three branches – violin making, violin playing and violin education within decades a variety of ergonomic chinrests for violinists has been created which are still the basis of today’s matured ergoVio - models.

The design of the ergoVio chinrest takes into consideration the human physiology in general and it therefore assures its ergonomic comfort.

The benefits for the comfort:
• advanced ergonomics - no „violinist spot“
• relaxed and safe holding of the instrument
• fatigue-free play
• skin-friendly surface treatment *
• chinrest mechanic from aihtiallergical

The benefits for the sound:
by the choice of materials and construction of the chinrest- the graduation of the shell and small contact area of the foot, stable and light titanium fittings - is the minimal weight of only about 32 g to 40 g reached and thus reduced the damping effect.

One of the first chinrests of the XIX c.

Ludwig (Louis) Spohr
5. April 1784 - 22. Oktober 1859
one of the greatest violinists of his time spurred the construction of the first chinrest

Niccolò Paganini
27 th. October 1782 -
27 th. May 1840
played yet without chinrest

* corresponds to DIN EN 71, Part 3 safety of toys and meets the requirements of paragraph 35 of the food and commodity law.
** Titanium grade 2 is antiiallergical and has best skin kindness.
It is used in medical departments for implants.
Series:

Renaissance
Accessories in handicraft quality
for fine modern and antique string instruments

Principale
Pernambuco accessories
The finest unique master pieces
Limited edition Niccolo Paganini, Arturo Toscanini

Archi
Fine accessories
for quality string instruments

We build for you
the finest copies of your antique parts
and your own models.

Please send us your original
Antonio Stradivari Violin ex-Kreutzer 1727

ergo Vio  Titanium fine tuners tailpiece English model, rosewood

www.ergovio.com  info@ergovio.com  Phone: +49-178-166 69 96
Series
Renaissance
Ergonomics chinrests for violin, viola
model Heifetz

Positioning centred on lower block
Kinds of wood:
   Ebony, Rosewood
Chinrest fittings for choice:
   ergo Vio titanium single fittings
   titanium standard
Length of screws:
   Violin standard length is 28 mm
   Viola standard length is 36 mm
   ( special length 32 mm, 40 mm )
The surface:
   fine ground, treated in oil*

Exactly contours
Minimal feet fit into the fluting
Chinrest feet cork lined

ergo Vio titanium single fittings:
   • filigran and slightly
   • stable angles from thiker titanium
   • thin comfortable formed little feet
   • excellent precision mechanical execution

Titanium standard fitting:
   slightly and stable
Ergonomics chinrests for violin, viola
model Auer

Chinrest for violin, weight ap. 32 - 35 g

Kinds of wood:
- Ebony, Rosewood

Chinrest fittings for choice:
- ergoVio titanium single fittings
- titanium standard

Length of screws:
- Violin standard length is 28 mm
- Viola standard length is 36 mm
  (special length 32 mm, 40 mm)

The surface:
- fine ground, treated in oil*

Exactly contours
Minimal feet fit into the fluting
Chinrest feet cork lined

Positioning left of the tailpiece

ergoVio titanium single fittings:
- filigran and slightly
- stable angles from thicker titanium
- thin comfortable formed little feet
- excellent precision mechanical execution

Titanium standard fitting:
- slightly and stable

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Ergonomics chinrests for violin, viola
model Joachim

Kinds of wood:
  Ebony, Rosewood, Boxwood
Chinrest fittings for choice:
  ergoVio  titanium single fittings
  titanium standard
Length of screws:
  Violin standard length is 28 mm
  Viola standard length is 36 mm
  (special length 32 mm, 40 mm)
The surface:
  fine ground, treated in oil*

Exactly contours
Minimal feets fit into the fluting
Chinrest feets cork lined

Chinrest for violin, weight ap. 40 g

Positioning centred on lower block over the tailpiece
Titanium finetuners tailpieces for violin, viola

**ergo*Vi*o** models in English and French style

The implementation:
- violin - with 1, with 2 and with 4 fine-tuners
- viola - with 1 and with 4 finetuners

Kinds of wood:
- Ebony, Rosewood

The saddle:
- Ebony, Boxwood, Ivory

The surface:
- fine ground, treated in oil*

The tailpiece for violin with 1 finetuner weights ap. 11 g

The weight of the fine tuner - 0,9 g

All **ergo*Vi*o** accessories are fully built in Germany. The handcrafted quality of the wood parts depends on the traditional handwork.

In the **ergo*Vi*o** finetuner provides the thread pair titanium screw and bronze bushing that the bolt permanently turn easily, and it is designed for a long life.
Titanium finetuners tailpieces for violoncello 

**ergoVio** models in English and French style

A conventional cello fine tuner weights about 21 g.

The 4 *ergoVio* Titanium fine tuners weigh a total of 14.8 g.

The tailpiece for violoncello with 4 fine tuners weights ca. 50 g.

The implementation:
- with 4 fine tuners

Kinds of wood:
- Ebony, Rosewood

The saddle:
- Ebony, Boxwood, Ivory

The surface:
- fine ground, treated in oil*

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www.ergovio.com    info@ergovio.com    Phone: +49-178-166 69 96
Baroque tailpieces for violin, viola
Imitation of the tailpiece of the Andrea Amati violin
Ashmolean museum Oxford

Kinds of wood:
Ebony, Rosewood, Boxwood, flamed Maple, „Bird’s-eye“ Maple

The length:
104 mm

Slot width:
31 mm

The surface:
fine ground, treated in oil*
Tailgut for violin, viola, cello tailpieces
Very flexible, stretch and tear resistant

For violin & viola tailpieces
Color: black
Length: 220 mm
Diameter: 1,5 mm
Breaking strength: 125 daN = ca. 122 kg
(String tension Violin/Viola: ap. 30 kg)

Color: karbon-gray, 12-played
Diameter: 1,0 mm
Breaking strength: 130 daN = ca. 127 kg

For cello tailpieces:
Color: black
Length: ca. 450 mm
Diameter: 2,0 mm
Breaking strength: 255 daN = ca. 250 kg
(String tension violoncello: ap. 60 kg)

Color: karbon-gray, 12-played
Diameter: 2,0 mm
Breaking strength: 380 daN = ca. 373 kg

Quik & easy, adjustable length
Tuning pegs for violine, viola, violoncello

ergo\textit{vio} models

in English, French Stil, Baroque

Perfect turner work.
Classic and elegant contours of the peg head.
The model “Baroque” is the imitation of the
Girolamo Amati viola peg,
Ashmolean Museum Oxford.

The implementation:
collar in wood turned
ball slightly recessed from
Ebony, Boxwood, Ivory
peg head without ball

Kinds of wood:
Ebony, Rosewood

The surface:
fine ground, treated in oil*

<table>
<thead>
<tr>
<th>Pegs</th>
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www.ergovio.com  info@ergovio.com  Phone: +49-178-166 69 96
Endpins for violin, viola

**ergoViö** models in English and French style

Perfect turner work.
Endbuttons for fine modern and antique instruments

The implementation:
- head with 3 groves and ball
- head with grove and ball
- ball slightly recessed from
- Ebony, Boxwood, Ivory
- head with grove, without ball

Kinds of wood:
- Ebony, Rosewood

The surface:
- fine ground, treated in oil*

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From the tailpiece to the endpin parallel running gut

Tuning pegs French model
Series

Principale
Pernambuco is the best wood not only for the bows. Through its vibration characteristics, Pernambuco has proven in recent years as an ideal wood for tailpieces and tuning pegs. Violinmakers and musicians report the ergoVio Titanium fine tuners tailpieces promote a sensitive touch, a focused and carrying tone.

The implementation:
- violin - with 1, with 2 and with 4 fine tuners
- viola - with 1 and with 4 fine tuners
- cello - with 4 fine tuners

The saddle:
- Ebony, Boxwood, Ivory

The surface:
- fine ground, treated in oil*
Tuning pegs for violine, viola, violoncello

**ergo** models

in English and French stil

### Pegs

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**Perfect turner work.**

Classic and elegant contours of the peg head.

**The implementation:**

- collar in wood turned
- ball slightly recessed from Ebony, Boxwood, Ivory
- peg head without ball

**The surface:**

- fine ground, treated in oil*

### Endbuttons

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**The implementation:**

- head with 3 groves and ball
- head with grove and ball
- ball slightly recessed from Ebony, Boxwood, Ivory
Titanium finetuners tailpieces for violin
French style

Limited edition *Niccolo Paganini*

50 handcrafted unique master pieces

Copy of the Paganini medallion by Pierre Jean David d’Angers
carved in ivory by Roman Manevic

The implementation:
with 1, 2, 4 fine-tuners

Medallion and saddle:
Ivory *

Ivory medallion in
solid gold framing 18 carat

Kinds of wood:
Ebony, Pernambuco

The surface:
fine ground, treated in oil*
The implementation:
  with 4 fine-tuners
Medallion and saddle:
  Ivory *
  Ivory medallion in
  solid gold framing 18 carat
Kinds of wood:
  Ebony, Pernambuco
The surface:
  fine ground, treated in oil*
Series

Archi
ergoViolin tailpieces for viola, violoncello
French style
with 4 Duralum fine tuners

The 4 ergo Vio fine tuners weigh a total of 18 g,
less than a conventional finetuner (21g)

The weight of the cello finetuners tailpiece is ap. 60 g
The weight of the viola finetuners tailpiece is ap. 24 g

The implementation:
with 4 finetuners from
high strength duralumin
Kinds of wood:
Ebony, Rosewood
The surface:
fine ground, treated in oil*

www.ergovio.com    info@ergovio.com    Phone: +49-178-166 69 96
Chinrests for violin, viola

Model-N.: 26

Positioning centred on lower block

Model-.: 25

Positioning left of the tailpiece

Model-N.: 28

Positioning centred on lower block over the tailpiece

Kinds of wood:
Ebony, Rosewood

The surface:
fine ground, treated in oil*

Chinrest fittings for choice:
brass black chrome plated
brass chrome

Length of screws:
Violin length is 28 mm
Viola length is 36 mm
Minimal feet fit into the fluting
Chinrest feet cork lined
The tailpiece for violin weighs ap. 10 g
Kinds of wood:
    Ebony, Rosewood
The saddle:
    Ebony, Boxwood
The surface:
    fine ground, treated in oil*

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<td>Violin 4/4</td>
<td>110 mm</td>
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<td>Viola</td>
<td>126 mm</td>
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Tuning pegs for violin, viola, violoncello
English and French Stil
Endpins

The finetuner is not includet

Perfect turner work.
Classic models for new and old instruments.

The implementation:
    peg head without ball
Endpin head with grove without ball
Kinds of wood:
    Ebony, Rosewood

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Pernambuco (Caesalpinia echinata) - is in the red list of endangered species in the IUCN classified. The raw wood for violin bows is included in the CITES regulations. We exclusively use wood remnants of bow-blanks from old stocks of bow makers.