Cooperman™

Rope Tension Drums

Fall 2016
The Cooperman Liberty Model Drum is a culmination of over 55 years experience in designing and creating rope tension drums. At our Vermont shop, trees are hand selected to be dimension cut and bent to form our solid one-ply shells and hoops. Our drum makers then handcraft each drum to order, selecting and adjusting each design element with your input to produce your custom Cooperman drum - an instrument fully in command from the muster field to the modern percussion ensemble to the symphony hall.

Our solid one ply wood shells are dimension cut from local Vermont maple and ash trees; each shell is painstakingly bent, sized, and formed by our drum makers.

or 6 ply laminated shells are available for those who prefer the ply option—we are currently using Keller VSS Maple shells.

Finishing is done in house, ensuring the highest quality. We offer many standard paints, stains, and finishes, plus custom colors and overcoats can be done for an additional fee.

The shell size of a rope tension snare drum is expressed as “diameter x height” in contrast to modern drums, while rope tension bass drums are named in the same way as modern drums, “height x diameter”. Each Cooperman drum is custom made to order in a wide range of heights and diameters.

Our solid one ply hard maple counterhoops are dimension cut from local Vermont trees, in standard and custom sizes.

Cooperman signature Liberty ears in black, brown, natural, or white leather are hand tied with natural vellum lace, and are specially designed to minimize slippage.

The Liberty Model closed eye carry is cast in bronze and is best for the traditional carry angle of the snare drum. Bass drums are standard with 2 carry hooks; for an additional fee, 3 or 4 point carry arrangements can be mounted.

or the Military Style Carry is available in stainless steel or in brass. This style carry brings the drum a slight degree flatter in carry angle.

We cast our drum legs in bronze and mount them with insert fittings, on either one or both counterhoops.

Our rim guards are cast in bronze and mounted as a pair on the batter counterhoop to protect the hoop and the finish from rim shots.

Rope hooks can be substituted for holes in the counterhoops. This is most appropriate for some specific time periods, but is also sometimes chosen so that the height of the counterhoop can be reduced. Our rope hooks are cast in bronze, and may be ordered polished or unpolished.
Our Cooperman signature Liberty Model Snare Strainer features full straight-line tension on the natural gut snares. This strainer relies on traditional elements and modern innovations to deliver a highly sophisticated level of adjustment and an exceptional degree of sensitivity.

or an optional new Dual Strainer system is available. The double snare adjustment moves 2 sets of snares independently. The ball-bearing throw off is incorporated, and paired with our new Adjustable Anchor, this Dual Strainer system provides the highest degree of sensitivity and adjustment in the Liberty Model family of hardware.

or the optional Adjustable Anchor for the standard Liberty Model Snare Strainer is available. Each strand of gut is individually adjusted when mounted, and then easily fine tuned at any time, allowing for precise tuning of the snares and for the introduction of a variety of snare types.

An optional throw off fitting for the standard Liberty Strainer is available.

Filament dacron polyester rope is our standard rope. It reaches maximum stretch rapidly and holds up extremely well under tension. This rope is bright white with a bit of a sheen. We offer it in 5/16” and 1/4”, the size determined by the specifications of the drum.

Buff polyester rope is a great alternative to the filament dacron polyester rope. It has all the great properties of the filament dacron, but looks like old style hemp rope. This rope runs heavy, so we offer it in 1/4”.

Spun dacron polyester rope is another choice for those who want the properties of modern synthetic rope but not the look. The spun dacron is a white rope, but less smooth in appearance than the filament dacron; we offer this rope in 1/4”.

Natural 4 strand linen drum rope is custom made for us here in the US, in 1/4” and 3/16”. This rope has more stretch than the modern synthetic ropes but is perfect for period drums.

Our 1/4” natural hemp rope is another good choice for those who want natural fibers and period appropriate rope.

Our custom Remo drum heads are available in several materials. We have our batter and snare heads sized to fit wooden counterhoops well and made with the heavier bass channel for hoop support, along with no Remo logo on the head. Our Remo bass heads are made for us with no Remo logo.

• Fiberskyn 3 batter head paired with EMP snare head.
• NEW Cooperman kevlar batter head made by Remo, paired with EMP snare head.

Our calfskin heads are the very highest quality Irish Kalfo Velvet, tucked on solid wood flesh hoops and carefully matched for weight.
## Signature Solid One Ply Shell

<table>
<thead>
<tr>
<th>Diameter</th>
<th>14” dia</th>
<th>15” dia</th>
<th>16” dia</th>
<th>17” dia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remo Fiberskyn 3 batter head</td>
<td>$1145.00</td>
<td>$1145.00</td>
<td>$1170.00</td>
<td>$1170.00</td>
</tr>
<tr>
<td>Cooperman Remo kevlar batter head</td>
<td>$1154.00</td>
<td>$1154.00</td>
<td>$1180.00</td>
<td>$1180.00</td>
</tr>
<tr>
<td>Calfskin heads</td>
<td>$1400.00</td>
<td>$1400.00</td>
<td>$1490.00</td>
<td>$1490.00</td>
</tr>
</tbody>
</table>

## Additional Cost Options

**Add 2 rim guards**
- $89.00

**Add 3 legs to one hoop**
- $55.00

**Add 6 legs total**
- $110.00

**Substitute military carry:**
- **Stainless steel**
  - $10.00
- **Brass**
  - $20.00

**Substitute rope hooks**
- $315.00

**Substitute adjustable Anchor for Liberty anchor**
- $200.00

**Substitute dual strainer with adjustable anchor for Liberty strainer/anchor hardware (throw off incorporated)**
- $360.00

**Add throw off to basic Liberty strainer**
- $72.00

**Filament dacron rope**
- included

**Spun dacron rope**
- included

**Hemp rope**
- $20.00

**Linen rope**
- $20.00

**Buff poly rope**
- $20.00

**Make as tenor less $225.00**

**Artwork or Tack Design**
- by quote

**Nickel plate hardware**
- by quote

**Add leg rest**
- $85.00

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## Signature Solid One Ply Shell

<table>
<thead>
<tr>
<th>Diameter</th>
<th>20” dia</th>
<th>22” dia</th>
<th>24” dia</th>
<th>26” dia</th>
<th>28” dia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remo Fiberskyn 3 batter head</td>
<td>$1285.00</td>
<td>$1285.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooperman Remo kevlar batter head</td>
<td>$1295.00</td>
<td>$1295.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calfskin heads</td>
<td>$1605.00</td>
<td>$1605.00</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Cooperman Liberty Model Snare Drums

## Additional Cost Options

**Each bronze carry hook over 2**
- $38.00

**Substitute single British Style carry**
- less $36.00

**Substitute tab ears**
- less $36.00

**Substitute rope hooks (12 holes)**
- $366.00

**Artwork or Tack Design**
- by quote

**Nickel plate hardware**
- by quote
### Laminated 6 ply Maple Shell

The shell sizes listed here are our most popular sizes—these are the shell dimensions that we stock. We can make the 6 ply laminated shell drums in other diameters and depth, please inquire about any size not listed.

**Shell 12” deep**
- Remo Fiberskyn 3 batter head: $1145.00
- Cooperman Remo kevlar batter head: $1154.00
- Calfskin heads: $1400.00

**Shell 16” deep**
- Remo Fiberskyn 3 batter head: $1200.00 - $1245.00
- Cooperman Remo kevlar batter head: $1210.00 - $1255.00
- Calfskin heads: $1520.00 - $1565.00

**Shell 17” deep or 18” deep**
- Remo Fiberskyn 3 batter head: $1245.00 - $1245.00
- Cooperman Remo kevlar batter head: $1255.00 - $1255.00
- Calfskin heads: $1565.00 - $1565.00

**Shell 19” deep or 20” deep**
- Remo Fiberskyn 3 batter head: $1285.00
- Cooperman Remo kevlar batter head: $1295.00
- Calfskin heads: $1605.00

### Additional Cost Options

<table>
<thead>
<tr>
<th>Option</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add 2 rim guards</td>
<td>$89.00</td>
</tr>
<tr>
<td>Add 3 legs to one hoop</td>
<td>$55.00</td>
</tr>
<tr>
<td>Add 6 legs total</td>
<td>$110.00</td>
</tr>
<tr>
<td>Substitute military carry:</td>
<td></td>
</tr>
<tr>
<td>Stainless steel</td>
<td>$10.00</td>
</tr>
<tr>
<td>Brass</td>
<td>$20.00</td>
</tr>
<tr>
<td>Substitute rope hooks</td>
<td>$315.00</td>
</tr>
<tr>
<td>Substitute adjustable Anchor for Liberty anchor</td>
<td>$200.00</td>
</tr>
<tr>
<td>Substitute dual strainer with</td>
<td>$360.00</td>
</tr>
<tr>
<td>adjustable anchor for Liberty strainer/anchor hardware (throw off incorporated)</td>
<td></td>
</tr>
<tr>
<td>Add throw off to basic Liberty</td>
<td>$72.00</td>
</tr>
<tr>
<td>strainer</td>
<td></td>
</tr>
<tr>
<td>Filament dacron rope included</td>
<td></td>
</tr>
<tr>
<td>Spun dacron rope included</td>
<td></td>
</tr>
<tr>
<td>Hemp rope</td>
<td></td>
</tr>
<tr>
<td>Linen rope</td>
<td>$20.00</td>
</tr>
<tr>
<td>Buff poly rope</td>
<td>$20.00</td>
</tr>
<tr>
<td>Make as tenor</td>
<td>less $225.00</td>
</tr>
<tr>
<td>Artwork or Tack Design</td>
<td>by quote</td>
</tr>
<tr>
<td>Nickel plate hardware</td>
<td>by quote</td>
</tr>
<tr>
<td>Add leg rest</td>
<td>$85.00</td>
</tr>
</tbody>
</table>

### Cooperman Liberty Model Snare Drums

### Cooperman Liberty Model Bass Drums

### Additional Cost Options

<table>
<thead>
<tr>
<th>Option</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Each bronze carry hook over 2</td>
<td>$38.00</td>
</tr>
<tr>
<td>Substitute single British Style carry</td>
<td>less $36.00</td>
</tr>
<tr>
<td>Substitute tab ears</td>
<td>less $36.00</td>
</tr>
<tr>
<td>Substitute rope hooks (12 holes)</td>
<td>$366.00</td>
</tr>
<tr>
<td>Artwork or Tack Design</td>
<td>by quote</td>
</tr>
<tr>
<td>Nickel plate hardware</td>
<td>by quote</td>
</tr>
</tbody>
</table>

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The shell sizes listed here are our most popular sizes—these are the shell dimensions that we stock. We can make the 6 ply laminated shell drums in other diameters and depth, please inquire about any size not listed.
**Tack Designs**
Submit your own design, or choose from one of our traditional designs.

<table>
<thead>
<tr>
<th>Design</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contract Tack Design</strong></td>
<td>This simple design on the side of the drum is reproduced from an original Civil War drum. $40.00</td>
<td></td>
</tr>
<tr>
<td><strong>Kings Landing Design</strong></td>
<td>This 18th century pattern was based on an antique from Canada, but can be seen in variations throughout the period. $50.00</td>
<td></td>
</tr>
<tr>
<td><strong>Eli Brown Design</strong></td>
<td>Based on the design from an Eli Brown drum in our collection, this design is often mounted on the front of the drum. $60.00</td>
<td></td>
</tr>
<tr>
<td><strong>Cooperman Design</strong></td>
<td>This is the signature Cooperman tack design. $50.00</td>
<td></td>
</tr>
</tbody>
</table>

**Hand Painted Artwork**
Professionally designed and hand painted art may be mounted on your drum either from your own design or from one of our traditional designs.

<table>
<thead>
<tr>
<th>Design</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Moeller Eagle</strong></td>
<td>This iconic art is a popular motif for rope tension drums. We have reproduced this version from an original Moeller Grand Republic snare drum. $625.00</td>
<td></td>
</tr>
<tr>
<td><strong>Blue Eagle</strong></td>
<td>A variation of a popular 19th century design, this art is most often mounted on a blue field, with the selection of flags changeable. $665.00 Without field $625.00</td>
<td></td>
</tr>
<tr>
<td><strong>Liberty Eagle</strong></td>
<td>In this signature Cooperman design, the ribbon may be lettered or left blank; the small drum head is lettered “Liberty” or according to your choice. $625.00</td>
<td></td>
</tr>
<tr>
<td><strong>Contract Eagle</strong></td>
<td>By far the most common design for the era of the Civil War, this eagle is usually mounted on a blue field for Infantry or a red field for Artillery. $475.00</td>
<td></td>
</tr>
<tr>
<td><strong>Early 1800’s Eagle</strong></td>
<td>Drums bearing eagles of the general Great Seal design are documented for the 1812 era. This eagle is based on a period piece, and is usually mounted on a blue field. By quotation.</td>
<td></td>
</tr>
<tr>
<td><strong>Regimental Artwork / Family Crests / Custom</strong></td>
<td>Our artists are experienced painters of historical and contemporary regimental artwork and family crests. By quotation.</td>
<td></td>
</tr>
</tbody>
</table>
Hoop Design Options
Hoops may be decorated with hand painted scrollwork, inlay strips, or custom striping.

Name Ribbon
Add a hand painted ribbon with your name or similar content to the side or the back of the drum.
$ 60.00 if added along with other art
$100.00 if it’s the only art
(added cost is for overcoating the shell)

Hand painted hoop scrollwork
Per pair of snare drum counterhoops $190.00
Per pair of bass drum counterhoops $215.00

Hoop Inlay
We offer several different designs of inlay, please inquire for images to be emailed.
Per pair of snare drum counterhoops, clear coat finish $85.00
Per pair of snare drum counterhoops, paint or stain finish $110.00
Per pair of bass drum counterhoops, clear coat finish $115.00
Per pair of bass drum counterhoops, paint or stain finish $150.00

Hoops with multiple colors
Hoops can be horizontally striped with one color, or finished in a color with the edge a clear coat finish. These designs are quoted to your specs.

Hoops with British style worms or vertical striping
Worm designs and vertical striping designs are quoted to your specs.

Bags and Cases

Humes & Berg Tuxedo Bags

Tuxedo Bags for shell sizes D x H
14x12 or 14x14 $ 85.00
with discount $ 68.00
15x12, 15x15, 16x12 $ 88.00
with discount $ 70.40
16x16, 16x18 $ 105.00
with discount $ 84.00
17x15, 17x17, 17x18 $ 115.00
with discount $ 92.00
17x19, 17x20, 17x21 $ 125.00
with discount $ 100.00

Tuxedo Bags for shell sizes H x D
14x24, 14x26 $ 135.00
with discount $ 108.00
16x24, 16x26 $ 145.00
with discount $ 116.00
18x24, 18x26 $ 155.00
with discount $ 124.00

Humes & Berg Enduro/Enduro Pro Cases

for shell sizes D x H
14x12, 14x14 $ 225.00
15x12, 15x15, 16x12 $ 235.00
16x16, 16x18 $ 250.00
17x15, 17x17, 17x18 $ 275.00
17x19, 17x20, 17x21 $ 295.00

for shell sizes H x D
14x24, 14x26 $ 295.00
16x24, 16x26 $ 301.00
Cooperman Liberty Model Drums: Modifications

There is a great deal of information available for most historical periods—too much, in fact, to be easily summarized in this small space. Presented here is a selection of suggestions for some commonly requested historical periods, but please bear in mind that these are only suggestions; the degree to which the drum is made suitable to the contemporary percussionist while maintaining authenticity to the period is your choice. Please inquire for detailed specifications, for information on our resources or for other time periods, and for your custom needs.

Era of the American Revolution

The rule of thumb is that snare drum shells should either be “square” or no more than 2” longer than diameter. Although poorly documented, bass drums are most commonly made as “barrel” sizes, with width equal to or closely approaching diameter.; examples are the 16” dia. x 16” or 16” dia. x 18” snare, and the 20” x 24” dia. bass. We offer a simple J hook strainer as our standard design, with a more complex J hook strainer available as well; the J hook strainers use a continuous length of natural snare gut. Liberty ears are appropriate, but we also offer an Eli Brown ear and a British style ear. Our rope selection and head selection is detailed on page 3, with any added costs being listed here. Our standard carry is a simple rope carry, but others can be chosen for added cost, as listed below. Neither legs nor rim guards are period appropriate. Hand painted artwork and tack designs are described on page 6.

<table>
<thead>
<tr>
<th>Shell 10” through 13” deep</th>
<th>14” dia</th>
<th>15” dia</th>
<th>16” dia</th>
<th>17” dia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remo Fiberskyn 3 batter head</td>
<td>$ 955.00</td>
<td>$ 955.00</td>
<td>$ 975.00</td>
<td>$ 975.00</td>
</tr>
<tr>
<td>Calfskin heads</td>
<td>$1275.00</td>
<td>$1275.00</td>
<td>$1295.00</td>
<td>$1295.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shell 14” through 18” deep</th>
<th>16” dia</th>
<th>17” dia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remo Fiberskyn 3 batter head</td>
<td>$ 995.00</td>
<td>$ 995.00</td>
</tr>
<tr>
<td>Calfskin heads</td>
<td>$1315.00</td>
<td>$1315.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shell 19” deep or 20” deep</th>
<th>17” dia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remo Fiberskyn 3 batter head</td>
<td>$1035.00</td>
</tr>
<tr>
<td>Calfskin heads</td>
<td>$1355.00</td>
</tr>
</tbody>
</table>

Additional Cost Options

- Substitute complex J hook strainer $135.00
- Substitute Liberty carry hook $42.00
- Substitute British style carry hook $42.00
- Substitute Eli Brown (3/16” rope) or British ear No change
- Substitute buff poly or linen rope $20.00
Era of the American Civil War

The most commonly recognized snare shell size is that of the “contract drum”, 16” dia. x 12”. There was, however, an extensive range of sizes made during this period. The diameter of the bass shell is typically larger relative to its width, e.g. 14x26. We reproduced our standard snare strainer from an original; it’s hoop mounted, using 4 strands of natural snare gut. We recommend the classic heart-shaped tab ears in natural leather; rope choices and head choices are listed on page 3. The snare carry is a brass D ring with leather fittings; the bass carry is a standard Liberty carry. Neither drum legs nor rim guards are period appropriate. Hand painted artwork and tack designs are described on page 6.

Additional Cost Options
- Substitute Liberty ears for tab ears: $30.00
- Substitute Liberty carry hook for D ring: $23.00
- Substitute polished rope hooks: $315.00
- Substitute buff poly or linen rope: $20.00

16th/17th Century

We are indebted to Robin Engelman for inspiring the creation of this drum, with specifications representing the late 1500’s to the mid-1600’s. The snare shell, 22” dia. x 22”, is formed of 2 solid one ply pieces joined horizontally; the size can also be more closely customized for a particular purpose or date. The snare strainer is our shell mounted “complex J hook” design which is based on a drawing in Praetorius, and uses 4 crossings of heavy gauge gut. Drum ears are custom shaped to resemble art of the period. Hoops are 1 5/8” high with a rough tacked overlap; rope is 3/16” 4 strand linen; heads are natural skin. 2 carries are mounted, one on each counterhoop, for balance.

Drum as pictured, with simple tack design:
- With basic goatskin heads: $1625.00
- With Irish calfskin heads: $1800.00

In addition to the “simple tack design” shown on the drum above, we offer two other period choices:
- The Night Watch design based on the drum seen in Rembrandt’s famous painting. $80.00
- The Tower of London design. $80.00

The shell sizes listed here are our most popular sizes—these are the shell dimensions that we stock. We can make our solid 1 ply shell drums in other diameters and depth, please inquire about any size not listed. We can also make these 18th century style drums with a 6 ply laminated maple shell, please ask for pricing on that option.

**Shell 10” through 13” deep**
- Remo Fiberskyn 3 batter head: $930.00
- Calfskin heads: $1250.00

**Shell 14” through 18” deep**
- Remo Fiberskyn 3 batter head: $975.00
- Calfskin heads: $1295.00

**Shell 19” deep or 20” deep**
- Remo Fiberskyn 3 batter head: $1020.00
- Calfskin heads: $1340.00

SIGNATURE SOLID ONE PLY SHELLS

Drums with historical period modifications are quoted with our signature solid one ply shell, because that is historically most accurate. If you would like a 6 ply laminated shell, in most cases it will be the same price - please inquire for availability.
Cooperman Company is a second generation family business committed to traditional craftsmanship and innovative design. Started informally by Patrick H. Cooperman in Mt. Vernon NY in the 1950’s, the company was organized in 1961, and then incorporated in Connecticut in 1975 as Cooperman Fife & Drum Co. Our name has since been simplified to Cooperman Company to reflect the wide-ranging interests of our drum makers, and our Connecticut shop has been consolidated with our Vermont sawmill location, to bring all Cooperman operations under one roof. Our rope tension drums are custom made to order by our drum shop, which also performs repair and restoration work on antique and vintage drums as well as contemporary instruments.

About Us

Cooperman Company
1007 Route 121
Bellows Falls VT 05101
802-463-9750, fax 802-463-4123
www.cooperman.com
jellis@cooperman.com

What’s New

Our new “dual strainer”, paired with our adjustable anchor, allows for a wide variety of snare materials and gauges. The double snare adjustment moves 2 sets of snares independently, while the adjustable anchor provides individual adjustment for each snare. To date, our favorite combination is natural snare gut paired with wire wound silk snares. The ball-bearing throw off is incorporated, and both sides retrofit easily to any drum with a Liberty strainer.