### About the TAMA DRUM COMPANY

#### The Drums
There are many reasons both big and small why Tama is the drum of choice of so many players. One of the most important is that all Tama Drums, whether made at the main factory in Seto City, Japan or our other facilities worldwide, receive the full advantage of the considerable skills of Tama's master drum builders. Our woods are selected according to strict standards of moisture content, density and cosmetic appearance. While sound edges are now cut by high-tech, state-of-the-art machinery, Tama craftsmen still supervise the entire process and inspect every shell after the sound edge is cut. This meticulous care and attention to detail is given to every drum, from the top-of-the-line Starclassic and Artstar Custom drums, right on through our popular Rockstar line. Another significant reason for the success of Tama drums is the invaluable input given to us by drummers worldwide on the drum sound and features they need to express their art. For all these reasons, Tama drums combine the quality of innovative design, superb craftsmanship, strong durability, and great musicality.

#### Hardware
If you have been watching Tama for the last twenty years, you might think that the motto of our engineers is "avoid the beaten path at all costs." Actually their philosophy is that, while it's not easy (and sometimes even a little scary) offering untraditional ideas, you won't accomplish anything really worthwhile if you just stick to the tried-and-true. So from the very beginning, Tama engineers challenged the traditional hardware designs of the times and set about asking what kind of features drummers really needed. Tama made its debut by setting the drum industry on its ear with the introduction of the first heavy-duty double-braced hardware, the Titan Series. After years of struggling with stands that were thin and often unstable, drummers finally had the option of ultra-durable, well-balanced hardware. This new hardware had features that we now take for granted, but at the time boom arms, nylon bushings, offset tilters, touch-locks, plastic calf mates, and even memory locks were nothing short of revolutionary. And from that point on Tama's engineers have consistently generated one innovative hardware design after another: the Multi-Clamp, the Omnisphere Tom Holder, Power Tower Drum Racks, the Lever Glide Hi-Hat Stand, Tama Stand Stands, Iron Cobra Drum Pedals, the Star-Cast Mounting System, and now for 1996 our engineering staff proudly introduces All-Ride Snare System. So if you've been watching Tama for the past twenty-odd years, you've seen some remarkable changes in drums and hardware. Keep watching...our drum makers and engineers tell us there's more to come.

---

**Contents**

<table>
<thead>
<tr>
<th>Page</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>About the TAMA DRUM COMPANY</td>
</tr>
<tr>
<td>2</td>
<td>About STARCLASSIC</td>
</tr>
<tr>
<td>3</td>
<td>Starclassic Maple</td>
</tr>
<tr>
<td>4</td>
<td>Starclassic Birch</td>
</tr>
<tr>
<td>5</td>
<td>Starclassic Performer</td>
</tr>
<tr>
<td>6</td>
<td>About ARTSTAR</td>
</tr>
<tr>
<td>7</td>
<td>Artstar Custom</td>
</tr>
<tr>
<td>8</td>
<td>Artstar ES</td>
</tr>
<tr>
<td>9</td>
<td>About ROCKSTAR</td>
</tr>
<tr>
<td>10</td>
<td>Rockstar</td>
</tr>
<tr>
<td>11</td>
<td>About TAMA SNARE DRUMS</td>
</tr>
<tr>
<td>12</td>
<td>Starclassic Snare Drums</td>
</tr>
<tr>
<td>13</td>
<td>Powermetal Snare Drums</td>
</tr>
<tr>
<td>14</td>
<td>Artwood Snare Drums</td>
</tr>
<tr>
<td>15</td>
<td>Star-Cast Mounting System</td>
</tr>
<tr>
<td>16</td>
<td>Air Ride Snare System</td>
</tr>
<tr>
<td>17</td>
<td>Bass Drum Pedals</td>
</tr>
<tr>
<td>18</td>
<td>Hi-Hat Stands</td>
</tr>
<tr>
<td>19</td>
<td>Cymbal Stands</td>
</tr>
<tr>
<td>20</td>
<td>Tom Stands, Thrones &amp; Snare Stands</td>
</tr>
<tr>
<td>21</td>
<td>Power Tower System</td>
</tr>
<tr>
<td>22</td>
<td>Accessories</td>
</tr>
</tbody>
</table>

---

**Tama Drum Artists**

- Earl-Henry (Sax), Chris Layton, Scooter Warren (Buick),
  Steve Gadd, Starclassic Series
- Mike Myna, John Finn, Groove, Frank Katz (Bandleader),
  Paul Bussch, (Drums), Randy Castillo (City Calico),
  Bert Grunin (Street Notes), Roy Warden (Astronaut),
  Ron Wells (The Commodores), Van Lyttle, Eddie Mullen,
  (Rudy Cristo), Barry Simon (Marshall Session),
  Artstar Series
About Starclassic ....

Ten years ago, a small, dedicated group of TAMR drum designers and artists came together to create "The Ultimate Drum." The result of their efforts - Starclassic drums.

Ultra-thin Shells

The goal in developing Starclassic was to create the thinnest shell possible. The reason being, the thinner the shell, the more it resonates. Also, the sound produced by a thinner shell offers a lower pitch than its thicker counterpart. But thinness isn't the only quality needed in a great drum. Shell roundness is another. And roundness must be ensured by rigidity. If a shell isn't rigid enough, it will eventually go out of round. This is due to the extreme tension exercised on both ends of the shell through normal tuning. Also, the less rigid the shell, the smaller its available tuning range before it begins to physically distort. Other manufacturers solve this problem by using reinforcement rings. But reinforcement rings, like any other shell intrusion, affect the way a shell vibrates. With this in mind, Starclassic designers set out to build a drum that wouldn't require any kind of reinforcement. By utilizing an exclusive staggered seam, cross laminated 9 ply construction, Starclassic was able to achieve an ultra-thin shell with maximum resonance and rigidity.

Embedded Air Hole

Starclassic Maple and Birch Series drums are embossed in a manner as unique as every other aspect of these fine instruments. Rather than using a badge, the Starclassic name is imprinted onto the drum itself before the final finish is applied. Not only does this contribute to Starclassic's rich appearance, the badge eliminates the need for the riveting of the air hole. Instead, the air hole is covered by a maple cap...another small touch that enhances Starclassic's rich, time-less appearance.

Claw Hooks

Because of their die-cast construction, pressure is exerted entirely downward so unwanted sideways pressure is eliminated. Additionally, the use of tension rods instead of T-rod allows the head of the rod to be recessed which almost completely eliminates the possibility of damage to the rod. A rubber stopper ring has been positioned on the tension rod to ensure that the tension rod, claw hook and washer won't become separated.

Sound Edge

Starclassic sound edges have been specifically shaped to match the rim of the drum head so that the edge and head vibrate together at their optimum. The edge has been cut so that its peak is always 0.5mm inside the outer surface of the shell.

Die-cast Hoops

Almost all professional drummers utilize triple flanged hoops. However, because the way triple flanged hoops are made, it is very difficult to achieve a high degree of consistency in thickness, roundness or size. This, of course, results in an inconsistency in sound and tuning from drum to drum. Starclassic toms and floor toms feature Star-Cast hoops made of die-cast zinc which are more rigid than triple flanged hoops and have more clarity and tonal balance. The resonant high end crisp attack provided by die-cast hoops, married to the rich, low overtone capability of Starclassic shells create a drum with incomparable dynamic range and tone.

The Star-Cast Mounting System

When you pick up a drum by the rim and hit it, it resonates more freely than when it's mounted on a tom holder. The idea behind the Star-Cast Mounting System was to provide the same kind of unrestrained resonant environment as a hand held drum. Instead of being attached to the shell, Starclassic's tom brackets are mounted on special metal frames that are attached to the batter side hoop at three balanced points. The bolts used to secure the rim to the bracket have also been specially designed. Each bolt is encased in hard rubber, and as seen in the illustration, the top and bottom thread rods are not connected. This substantially reduces any vibrations traveling through the bolt. The casing itself has been designed for minimal contact with the rim in an effort to further increase shell isolation. In addition, rubber isolators have been used throughout the system to eliminate any metal to metal contact. All of these features work together to provide unparalleled tom isolation, complete shell resonance, and studio-quiet performance.

Starclassic Thin Maple Shell

Maple's superb rigidity, great warmth and exceptional clarity throughout its entire tonal range has made it the wood of choice (as well as prestige) for many of the top recording and performing professionals. Starclassic's ultra-thin, non-reinforced maple shell is one of the finest examples ever of this great wood utilized to its fullest sound potential. Starclassic Maple Series shells are crafted of 9 plies of Canadian maple to an astonishingly thin 5mm thickness (7mm for bass drums).
Many drummers prefer the sound and excellent projection qualities of birch; certainly a look at the material choices of many top drummers will show birch has a very impressive group of adherents. While the material characteristics of birch are in many respects similar to maple, its sound qualities are amazingly different. Birch’s sound is relatively darker than maple, very open but not too sharp sounding. Like maple, birch has excellent clarity, although it tends to “cut through the mix” just a little harder. Starclassic Birch Series drums feature non-reinforced super-thin 9-ply, 5mm Japanese birch shells (the bass drum is a slightly thicker 7mm).
Designed to withstand the rigors of even the most brutal touring schedule, Starclassic Performer Series features a somewhat thicker Blem shell of Philippine mahogany with a birch inner ply.

**PERFORMER BIRCH / PHILIPPINE MAHOGANY SHELL**

<table>
<thead>
<tr>
<th>Size</th>
<th>Model</th>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; x 18&quot;</td>
<td>B818R</td>
<td>Navy Blue</td>
<td>Bass Drum</td>
</tr>
<tr>
<td>10&quot; x 14&quot;</td>
<td>M1014</td>
<td>Black</td>
<td>Tom Drum</td>
</tr>
<tr>
<td>12&quot; x 13&quot;</td>
<td>T1213</td>
<td>Red</td>
<td>Tom Drum</td>
</tr>
<tr>
<td>14&quot; x 18&quot;</td>
<td>B1418</td>
<td>Gold</td>
<td>Bass Drum</td>
</tr>
</tbody>
</table>

**SP4644 6 1/2" x 14" BRASS SNARE DRUM**
- 6 1/2" x 14" Brass Snare Drum
- Sonor Tension Rods
- Adjustable Snare Wire

**SP4644 6 1/2" x 14" BRASS SNARE DRUM**
- 6 1/2" x 14" Brass Snare Drum
- Sonor Tension Rods
- Adjustable Snare Wire

**Accu-Tune Hoop**

Another innovation from Sonor, the Accu-Tune hoop. Because it exerts pressure evenly on the head it permits a tuning of the hoops that old-fashioned claw-holds are no longer possible.

**Painted Finishes**

- Black
- Transparent Red
- Black
- Transparent Green
- Transparent Orange
- Red

**Covered Finishes**

- Black
- Purple
- Transparent Red
- Black
- Transparent Green
- Transparent Orange
Today Artstar maple and maple are practically synonymous (at least to all of us in the drum world), but the first Artstar drums were actually made of birch with inner and outer piles of cordia. But in 1983, Tama drum makers and Tama artist/consultants decreed a switch to select Canadian maple shells for the Artstar II series and this same great shell remains the foundation of the current generation of the Artstar line, Artstar Custom. More recently, Tama added Artstar ES Series in order to offer many of Artstar's signature advantages at a more affordable price. However over so many years and so many changes, Artstar's superior sound and the loyalty of Artstar's legion of pro players remain a constant.

**Shells** Like Starclassic shells, Artstar Custom shells are glued together in three sections each made up of three piles. These sections are then glued together with three equidistantly staggered, diagonally cut seams. However, the Artstar Custom shell is designed for those who prefer the somewhat cutting, "harder edged" sound of a thicker maple shell. Consequently, the Artstar Custom shell is 3mm thicker than its Starclassic Maple counterpart (7mm vs. 5mm in the toms).

**Lugs** The shape of the Artstar lug is bold and sleek, modern and classic. The angular exterior is complemented by a gently curved back that conforms precisely to the drum shell. To ensure noise-free operation, a nylon stopper is inserted under each lug.

**Sound Edge** The Artstar edge is precision machined to a 90-degree angle. Less wood touching the drum head (a 7:3 sound-edge/level ratio) contributes to Artstar's exceptional resonance.

**Tom Bracket** The MIB30's super-string hinge system clamps much more securely than a standard thumb-screw. The bracket and the memory lock are designed to fit together for greater strength and an exceptionally streamlined appearance.

**Die-Cast Hoops** Most pro sets utilize triple flanged hoops, but Artstar Custom sets are fitted with die-cast hoops. While die-cast hoops are more expensive, their姆dlys make them much easier to tune than the more flexible triple flanged hoops. With triple flanged hoops, the tension bolt tends to supply pressure on the head only in a limited area around the tension bolt. But die-cast hoops exert even pressure with uniform contact around the rim of the head. This prevents the annoying buzz often found in lower tunings and the choking found in higher tunings.

**S肃 Bracket** The MIB30 spur bracket can be used with any size bass drum ranging from 18" to 24". Spur length is easily adjusted, and once set, is held securely using the same powerful hinge mechanism utilized by the MIB30 mounting bracket. Unique memory markers found on the folding spur bracket help simplify set-up. (Available on Artstar Custom and all Starclassic sets)

**Claw Hooks** Artstar Custom bass drums use the same die-cast claw/tension bolt system as Starclassic, but feature their own strikingly modern Artstar Custom shape. A rubber stopper ring prevents the claw hook, tension bolt and washer from becoming separated so there's no more floor searches for scattered parts.
Artstar ES 9-ply shells are made of 8 plies of Philippine mahogany with 1 inner-ply of birch and feature staggered seam construction and flawless bearing edges. Artstar ES shells are precision engineered with the same combination of high technology and traditional craftsmanship accorded Artstar Custom shells.
About Rockstar ....

From the very beginning, the concept behind Rockstar drums was to provide players with a fully comprehensive drum line with professional looks, sound and features—and at a price within the affordable reach of every drummer. This concept has not changed.

**SHELLS** Rockstar drums feature the same super-strong, 9-ply, cross-laminated shell construction as Tama's more expensive Astrotone and Starclassic sets. Rockstar shells are constructed of Philippine mahogany and then finished with a beech inner ply for increased projection and enhanced appearance.

**LUGS** Rockstar features solid, one-piece, hi-tension lugs that are securely mounted to the shell. The same vinyl chloride stoppers supplied with our upper range drums are used to prevent tension bolts from loosening.

**SPURS AND BRACKETS** In accordance with the Tama philosophy of avoiding shell intrusive hardware that might affect the sound, Rockstar's MHP40 four-bracketed set was designed so that the spurs do not penetrate the shell. The MHP40 spurs securely anchors your kick drum to all types of playing surfaces.

**MTH100 Tom Holder** First introduced in 1974, Tama's L-Rod Tom Holder system is another example of Tama's commitment to a freely vibrating drum with no shell penetrating hardware. Over two decades later, the MTH100 continues this tradition as well as containing additional refinements. By combining the L-Rod with our nylon omni-ball, completely flexible tom positioning and full drum shell vibration is achieved.

**SHADE DRUMS** Tama's newly designed Rockstar snare drums, the RS155 (6-1/2" x 14") and the RS155 (5-1/2" x 14"), feature a 1 mm thick steel shell. A center ridge in the shell provides extra strength for the extreme tensioning exerted by snare tuning. A new, smoother surface and redesigned lugs contribute to the clean, classic look of these new drums.

**HARDWARE** All Rockstar catalog sets come with Stainless hardware (including the double braced HC69R and HC638R cymbal stands), and the HP20 chain drive pedal. New for 1996 in Rockstar sets is the HH438 hi-hat stand, which comes equipped with a swiveling tripod, 5-way tension adjustment.

**ROCKSTAR BEECH / PHILIPPINE MAHOGANY SHELL**

The foundation of every Rockstar drum is a 9-ply shell of 8 plies of Philippine mahogany and 1 inner ply of beech. Tama spares no effort in the construction of these fine drums—unlike many other drums in the Rockstar price range which use only partial gluing or double stick tape. Rockstar drum coverings are completely glued over the entire surface of the shell. This ensures longer lasting good looks and better protection from the knocks and bruises that drums are subject to.
About SNARE DRUMS...

For 1990, Tama unveils an entirely new line of snare drums with new materials, new hardware, new designs... but the same soul and quality that have always been the hallmark of Tama drums. This comprehensive collection is the result of constant consultation with pro drummers, producers, engineers and technicians regarding what they need in a drum. We're confident that in this wide assortment of snares, made for almost every kind of sound and performance requirement, you'll find what YOU need in a snare drum.

1994 Snare drum models are available in seven different shell materials, in the following three snare drum series...

**STARCLASSIC** Like Starclassic birch, Starclassic snare drums feature the same ultra-thin shell that requires no reinforcement rings. Incorporating the Starclassic thin shell design into a snare drum results in an instrument with incredibly open and resonant sound and tremendous low end response. Both Starclassic Birch and Maple snare drums feature 5ply, 6ply shells.

**POWERMETAL** Many drummers have commented to Tama engineers that the amount tonal variation from one metal snare drum to another isn't all that large since so many are made from the same materials. In response, Tama's concentrated research yielded three materials for our 1994 line with stand-out tonal characteristics: bell brass, bronze and stainless steel.

**ARTWOOD** Artwood's logo history begins as part of the now legendary Tama Superstar drum line. Even after Superstar was succeeded by Artstar line, the Artwood snare line continued. As with other Tama lines, Artwood has received many additions and improvements. Originally made with 6-ply/9mm birch shells, Artwood drums now feature both 9-ply/7mm maple shells and 8-ply/8mm birch shells.

**HOOPS**

- **Steel Mighty Hoops**: 9.3mm thickness, triple flanged steel hoops. The most popular hoop available today.
- **Brass Mighty Hoops**: 9.3mm thickness, triple flanged brass hoops. At hundreds of years of wind instrument making, brass is an excellent medium for transmitting vibrations. And as many drummers will attest, brass hoops are an excellent medium for rim shots that ring with authority. To protect against surface rust, Tama's Brass Mighty Hoops are now nickel plated.

**DIE-CAST HOOPS**: Made of cast zinc. The consistency of a die-cast hoop guarantees perfect roundness and assures that the tension bolts will sit flat on the hoop. But the biggest advantage is superior tuning ability, the rigidity of a die-cast hoop allows it to adjust to small inconsistencies in tuning from one tension bolt to another.

**BELL BRASS HOOPS**: Making hoops of bell brass is not a terribly radical thing to do considering that bell brass is the material of choice for most of today's cymbals. No other material will offer bell brass's combination of volume, attack, and warmth, and no other material will give you the kind of explosive, penetrating rim shot you get from bell brass.

**SNAPPY SNARES**: To obtain a lower pitched snare sound, Starclassic's MDS151S45C uses a slightly softer, slightly longer steel coil. Additionally, the strap goes through the end plate in a very unique way; instead of merely stretching the coils when the snare is strung, the Starclassic coils actually press closer to the head. This advance in snare drum technology controls unwanted fuzz and contributes substantially to improved snare drum sound.

**THIN MAPLE SERIES**

**STARCLASSIC SNARE DRUMS**

**Starclassic Maple**

With the absolute minimum of shell/hardware contact and maple's warmth and clarity, these 8 lug per side Starclassic snares beautifully recreate the sound of the good old days. 12 and 13 inch diameters are also available. Available in all Starclassic Maple finishes plus Cherry Black and Super Maple (shown).

**THIN BIRCH SERIES**

**Starclassic Birch**

Birch is slightly drier in tone and cuts a little harder than maple. Starclassic Birch snares are fitted with same advanced hardware as Starclassic Maple snare drums. Available in all Starclassic Birch finishes.

**INTERMEDIATE SNARE DRUMS**

**STANDARD STRAPS**

**OPTIONAL SNAPPY STRAPS**

**SFC600**

**MST20**

**SFT20**

Tama's original and standard plastic strap.

* "Snare" is a wholly-owned trademark of the Duport Corporation.
POWERMETAL SNARE DRUMS

STAINLESS STEEL SERIES

STAINLESS STEEL
Stainless steel, a combination of steel and nickel, not only makes a snare drum that's resistant to rust and discoloration. It also provides great sound and the strength needed to avoid snare drum warping or stretching. Tama's stainless steel snare drums are available in three sizes.

BELL BRASS SERIES

BELL BRASS
Bell Brass is back! Expensive, yes, but no other snare drum offers the sheer, unbelievable power of bell brass. Able to cut through walls of amplification with ease, this drum also contains a warmth and sensibility that you might not initially expect from its "crude yet beautiful" appearance. Available in two sizes.

BRONZE SERIES

BRONZE
The sound character of bronze is bright like other metal snares but with a blend of the warmth of wooden snares. Available in three sizes.

ARTWOOD SNARE DRUMS

MAHOGANY SERIES

MAPLE SERIES

MAPLE
The well-known warmth and clarity of Arbel drums in the Artwood snare drum format. Now featuring an all new lug design. Available in Cherry Black finish and three different sizes.

BIRCH SERIES

BIRCH
The traditional Artwood birch shell material, now fitted with new lugs. Available in three sizes. The new finish, Natural Black (matte), is offered.

Artwood Snare Drum Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Material</th>
<th>Size</th>
<th>Hoops</th>
<th>Logs</th>
<th>Finish</th>
<th>Snare / Butt</th>
<th>Snappys</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS2005</td>
<td>Steel</td>
<td>14 x 5.5&quot;</td>
<td>14</td>
<td>Maple</td>
<td>MSH-14</td>
<td>MSBU-14</td>
<td>SS01</td>
</tr>
<tr>
<td>SS2005</td>
<td>Steel</td>
<td>14 x 5.5&quot;</td>
<td>14</td>
<td>Maple</td>
<td>MSH-14</td>
<td>MSBU-14</td>
<td>SS01</td>
</tr>
<tr>
<td>SS2005</td>
<td>Steel</td>
<td>14 x 5.5&quot;</td>
<td>14</td>
<td>Maple</td>
<td>MSH-14</td>
<td>MSBU-14</td>
<td>SS01</td>
</tr>
<tr>
<td>SS2005</td>
<td>Steel</td>
<td>14 x 5.5&quot;</td>
<td>14</td>
<td>Maple</td>
<td>MSH-14</td>
<td>MSBU-14</td>
<td>SS01</td>
</tr>
<tr>
<td>SS2005</td>
<td>Steel</td>
<td>14 x 5.5&quot;</td>
<td>14</td>
<td>Maple</td>
<td>MSH-14</td>
<td>MSBU-14</td>
<td>SS01</td>
</tr>
<tr>
<td>SS2005</td>
<td>Steel</td>
<td>14 x 5.5&quot;</td>
<td>14</td>
<td>Maple</td>
<td>MSH-14</td>
<td>MSBU-14</td>
<td>SS01</td>
</tr>
<tr>
<td>SS2005</td>
<td>Steel</td>
<td>14 x 5.5&quot;</td>
<td>14</td>
<td>Maple</td>
<td>MSH-14</td>
<td>MSBU-14</td>
<td>SS01</td>
</tr>
<tr>
<td>SS2005</td>
<td>Steel</td>
<td>14 x 5.5&quot;</td>
<td>14</td>
<td>Maple</td>
<td>MSH-14</td>
<td>MSBU-14</td>
<td>SS01</td>
</tr>
</tbody>
</table>

Accessory & Parts

SNAPPY SNARES
- SS01: Extended steel snappy snare. The snare wires cover the entire diameter.
- SS01: Standard steel snap.
- SS01: Stainless steel snare 33 strands version.
- SS01: Stainless steel snare, 33 strands version.

MSL-PINS
- MSL1: Non-loosening washer. 9.5 mm thickness, nylon washers increase tuning stability while eliminating noise producing metal-to-metal contact.
- MSL1: External muffler.

Leaves the shell to vibrate freely while still offering fully adjustable muffling capabilities.

24

25
Star-Cast Mounting System™

Almost every drum company now offers its own version of a free-suspension tom mounting system. Is there a difference? While all drum manufacturers start out with the same question of “where do you attach the drum,” their answers are slightly—but significantly—different. If the tom is supported by shell mounting hardware, the weight of the shell will distort the shell and hinder the natural vibrations. So the only alternative is to attach at the hoops. The problem with this solution is that most triple flanged hoops are not rigid or durable enough to withstand the weight. Which is why Tama’s R&D team chose the more rigid die-cast hoops for their design. But, even with the fundamental question solved, there were more important questions to answer.

Air Ride Snare System

Tama’s Star-Cast Mounting System Opens A New Door In Snare Drum Sound.

Traditionally, snare drums are tightly clamped in a snare stand basket comprised of three “claws.” Although plenty of drummers observed that this method severely impaired snare drum vibration, until now there was no practical alternative. When Tama R&D created the Star-Cast Mounting System for toms, it was obvious that this system could also liberate snare drums from the sound dampening properties of the traditional stand. In order to incorporate the Star-Cast Mounting System to snare drum mounting, the Air Ride snare drum stand was designed which attaches the Star-Cast mounting bracket to a large L-arm with a Tama Omni-ball. The Air Ride system is a completely different approach rather than muffling a snare drum to reduce undesired overtones (as well as unavoidably reducing some of the desired ones). Instead the Air Ride system is about what snare drum should be...in volume, in tone, and in sustain...a drum finally allowed to vibrate to its fullest potential.

How Do You Maximize Resonance?

The name of the game is tom isolation. Even if a tom is attached in a manner that allows complete resonance, you’ve got to isolate the tom so vibrations aren’t absorbed by other components of the set or in competition with “cross-talk” from other drums. This is why the Star-Cast Mounting System uses three ingeniously designed rubber bolts to hold the die-cast hoops. At first glance it looks like the bolt has one screw with the same thread sticking out of both sides, but actually there are two screws (which are totally isolated from one another) mounted in a bolt of hard rubber. Additionally, this bolt has been specially contoured to acquire the absolute bare minimum of sound absorbing contact with the rim. Thus total tom isolation has been achieved.

How Do You Stabilize The Drum?

The next question is where do the holes for the bolts go? If you were simply going to set the drum level to the floor, any two opposite placement points would be sufficient (think of holding a glass of water by two fingers). But in order to achieve the kind of angling you need for set-up, three placement points are needed. On the Star-Cast Mounting System these three points are attached by the three rubber bolts mentioned previously. For even greater stability, these rubber bolts have been calibrated to tom-tom weights in three different hardnesses: one degree of hardness for the 8” and 10” toms, the next harder for the 12” and 13” and the hardest for the 14”, 15”, and 16” toms. And after all that, What about Toning? And How Do You Change Heads?

One of the drawbacks with most tom-suspension system is that they use the tom’s tuning bolts to attach the drum. The first (and most important) problem is that they can adversely affect drum tuning because pressure is constantly exerted on the tension bolts themselves. The second problem is that head changes are more time consuming as the tuning bolts have to be removed, which can be challenging, to say the least, in concert. Neither of these problems occurs with the Star-Cast Mounting System. The tom is attached by the three rubber attachment bolts to the tension bolts (and tuning) are not affected. And those same rubber bolts are easily loosened by hand to the tom copies right off the stand for much faster head changes. If this sounds like the combination of good sound and simplicity you’d like for your drum set, the Star-Cast Mounting System is now available with multiple hole placement, etc. so it can be used with the various mounting brackets shown below. Please consult with your local dealer to confirm the correct bracket use and fit.

The L-Arm Advantage

Because the Air Ride System uses an L-arm instead of a basket, it only requires the removal of one T-Stud to take the snare drum off the stand. While traditional stands won’t always fit snares under 13”, the Air Ride system easily adapts to smaller snares by simply sliding the L-Arm for quick set-up, an attached memory lock remembers the exact L-Arm angle.

The Omni-ball Advantage

The Tama Omni-ball provides a playing surface at any possible angle. Unlike other snare stands that use the ball system, the Omni-ball is positioned at the exact center of the hoop for excellent weight balancing no matter how you set the angle.

Stabilizer

For increased stability, the Air Ride system features a stabilizing bar underneath the bracket mounting plate. The Black Arm section of the mounting unit is double plated for increased weight handling capability.

Star-Cast AIR RIDE Snare Kits

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWRA6R</td>
<td>6&quot;-19&quot; Maple Snare Drum w/HILBON AIR RIDE Stand</td>
</tr>
<tr>
<td>SWRA6X7R</td>
<td>7&quot;-19&quot; Maple Snare Drum w/HILBON AIR RIDE Stand</td>
</tr>
<tr>
<td>SWA7X7R</td>
<td>7&quot;-19&quot; Maple Snare Drum w/HILBON AIR RIDE Stand</td>
</tr>
<tr>
<td>SWA8X7R</td>
<td>8&quot;-19&quot; Maple Snare Drum w/HILBON AIR RIDE Stand</td>
</tr>
<tr>
<td>SWA9X7R</td>
<td>9&quot;-19&quot; Maple Snare Drum w/HILBON AIR RIDE Stand</td>
</tr>
<tr>
<td>SWA10X7R</td>
<td>10&quot;-19&quot; Maple Snare Drum w/HILBON AIR RIDE Stand</td>
</tr>
</tbody>
</table>

Air Ride stand
IRON COBRA Drum Pedals

Since its introduction in 1992, Iron Cobra has continued to evolve at an astounding rate: the original Standard Series was totally upgraded (and renamed the Deluxe Series) with the addition of the most often requested features. Iron Cobra add-on Pro Series features: the Cobra Stabilizing Plate, the self-adjusting Para-clamp, and the Bdot Balancer. On the Pro Series, the Hammer Holder and Tight Lock were added as included features and different spring tensions were offered as new options. In accordance with the Iron Cobra philosophy, these improvements can be retrofitted to any older production model Iron Cobras. Lightning speed, full and independent adjustability, incredible response, and automatic sensitivities and constant improvement...that's why "the Feel is Unreal!"

Not an ordinary sprocket drive, the Power Glide is shaped so that its radius actually becomes shorter as the beater near the bass drum head, accelerating the beater stroke and increasing impact intensity. US PAT. No. 5219974

The response of traditional chain drive pedals has been raised to a new level of speed and sensitivity. The redesigned Rolling Glide cam features an open channel with less tracking teeth for reduced metal friction.

Tem's HP30, and twin HP20TW standard models are affordable in price, but still absolutely professional in quality and response. You can quickly choose from two different sounds on both models by flipping the TDO dual-sided beater.

It is amazing. After more than two decades, the Camco Chain Pedal remains one of the most in-demand models by pro players. Other than the sprocket material being switched to carbon aluminum for increased durability, the HP35 basic construction hasn't changed. Then again the incredible response, feel and speed haven't changed. So maybe the Camco pedal's popularity isn't so amazing after all.

IRON COBRA OPTIONAL PARTS

Because Iron Cobra bass drum pedals are fully upgradable, Iron Cobra Deluxe Series models are easily transformed into Iron Cobra Professional models. Players can simply add any and all of the professional features: Vari-Pitch Beater Holder, Speedo-Ring, Spinning Tights, and the Toe Stopper. All Iron Cobra pedals are also convertible. Iron Cobra Rolling Glide and Power Glide cam kits are completely interchangeable, so while your entire playing style may change, your entire pedal doesn't have to. Just the cams!

HPD90

HP20TW / HP20TWL

HP35

HP25TW

HP50

HP50D

HP50TW

HPD7

D+7 DRUM HAMMER

TOE STOPPER

HAMMER HOLDER

SPRING TIGHT

BALANCER

FELT BEATER HEADS

COBRA HEAD BEATERS

Pat Mastelotto
KING CRIMSON

Not an ordinary sprocket drive, the Power Glide is shaped so that its radius actually becomes shorter as the beater near the bass drum head, accelerating the beater stroke and increasing impact intensity. US PAT. No. 5219974

The response of traditional chain drive pedals has been raised to a new level of speed and sensitivity. The redesigned Rolling Glide cam features an open channel with less tracking teeth for reduced metal friction.

Tem's HP30, and twin HP20TW standard models are affordable in price, but still absolutely professional in quality and response. You can quickly choose from two different sounds on both models by flipping the TDO dual-sided beater.

It is amazing. After more than two decades, the Camco Chain Pedal remains one of the most in-demand models by pro players. Other than the sprocket material being switched to carbon aluminum for increased durability, the HP35 basic construction hasn't changed. Then again the incredible response, feel and speed haven't changed. So maybe the Camco pedal's popularity isn't so amazing after all.

IRON COBRA OPTIONAL PARTS

Because Iron Cobra bass drum pedals are fully upgradable, Iron Cobra Deluxe Series models are easily transformed into Iron Cobra Professional models. Players can simply add any and all of the professional features: Vari-Pitch Beater Holder, Speedo-Ring, Spinning Tights, and the Toe Stopper. All Iron Cobra pedals are also convertible. Iron Cobra Rolling Glide and Power Glide cam kits are completely interchangeable, so while your entire playing style may change, your entire pedal doesn't have to. Just the cams!
HI-HAT STANDS LEVER GLIDE

Maximum expressiveness with quick return is the ideal in a hi-hat. Unfortunately, light response and expressiveness require a weak spring while fast response with quick return requires a strong spring. The engineers at Tama finally and neatly solved the problem. With the linkage system (U.S. Pat. 4,898,906) with a fulcrum piece, Tama Lever Glide system is nothing short of a hi-hat revolution. Anything from subtly sensitive to furiously fast - and all shades in between - is now possible.

A Tama original. Can be adjusted from chick-chick tight to wide open for a colorful shimmer. Great for the double bass drummer.

SECURITY CLUTCH

Tama's new Security Hi-hat clutch has removed every possibility of the clutch loosening. When the T-bolt is tightened, the nut presses the rod's surface. As a result the rod is pressed on both the bottom lock nut and top section for complete security (Only available on HH55L).

HI-HAT ATTACHMENT

Connects hi-hat to the bass drum hoops so hi-hat tripod legs can be closed. Practically mandatory for the double bass player. Includes multi-clamp and drum hoop mount.

HI-HAT STANDS CYMBAL STANDS

Tama's reputation as "The Strongest Name in Drums" was first established by the durability and strength of the original Titan hardware. 1996 introduces a new generation of this great hardware, the New Titan Series. Even after so many years since the debut of the original Titan, its 55 lb./inch (254kgs/m1.) 96 mm (3.78") diameter and massive double braced blood still stand out. With the New Titan Series, Tama is now offering the strongest hardware line up in its history.

STILT A NEW STYLE OF STRENGTH

A new style of support that provides steady hi-hat contact with even support for the bottom cymbal. The foot pedal is attached to the stand which eliminates extra parts that can fall out.

NEW TITAN

The HC38R easily converts from boom stand to straight stand (never changes in set up or for making room on those few, postage stamp sized stages).
POWER TOWER SYSTEMS

Imagine the infinite variety of set-ups you can create with round tubing. The Power Tower System is, without a doubt, the most intelligent way to achieve maximum flexibility with the least amount of restrictive connections. We offer you two great choices: The PM0805S features our super stable horizontal rectangular floor legs, extension and sections which rise from the vertical stabilizer piping, and curved horizontal rack tubing. The PM0807C is our original model featuring memory locks, set-up ease, portability and an abundance of other great features. Extension units are available for both PM0805S and PM0807C.

ARCHED PIPES

STRAIGHT PIPES

STAINLESS STEEL PIPE

36 mm (1.5") diameter, 3 mm holes, stainless tubing.

PPR05S 420mm (16.5") length, Straight.

PPR06S 620mm (24.4") length, Arch.

PPR07S 750mm (29.5") length, Straight.

PPR080S 1000mm (40") length, Straight.

PPR100D 1000mm (40") length, Straight.

PPR115S 1150mm (45") length, Arch.

PPR135S 1350mm (53") length, Straight.

SS402-500 500mm (20") length, rectangular support.

POWER TOWER SYSTEM OPTIONAL PARTS

A13 MEMORY LOCK

J10 PIPE CLAMP

J10 PIPE CLAMP

J14 PIPE CLAMP

J17 PIPE COUPLER

SNARE ATTACHMENT

Mounting a snare drum directly to the rack opens up more space within the rack system. A must for the double bass player.
RW100  Rhythm Watch

The Rhythm Watch is the first programmable metronome engineered specifically for the drummer. The RW100 can memorize up to 99 different beats and tempo patterns in measures of up to 6 beats, allowing for faster tempo selection than standard electronic metronomes, and provides footswitchable program advances with an optional footswitch. It even features headphone monitoring and a cymbal stand attachment (6BRJ) for easy placement anywhere on your drum set.

OCTOBANS

The very first true precision tuning device for acoustic drums. Because it measures tension directly from the drum head and not from the tension bolt, it is possible to achieve incredibly precise tuning. Your tuning value is displayed numerically so that you can memorize and then duplicate it for each show. (PENDING)

7850-4H  4pc Hi-Pitch Set

7850-4L  4pc Lo-Pitch Set

From the first Octoban players like Stewart Copeland and Simon Phillips to new admirers like Tim Alexander, this original Tama instrument is the choice of innovative players looking to add new voices to their set.

PK10 POWER KICK  Bass Drum Muffler

Another Tama original, the Gonga bass drum offers a single-sided 20” bass drum fitted with a 22” head and rim which are tensioned for claw hoops. Sensitive yet ferocious, the Gonga bass drum offers a completely different sound from a bass drum or floor tom.

GONG BASS DRUM & ROLLARWAY STAND  AEG20R + 6900

POWER TOOLS

COWBELLS

6059  LPCOWBELL
6058  STCOWBELL
6056  YCOWBELL
6049  TCOWBELL
6311  UCLAMP
4406  TIP COWBELL TO 1 FOOT
4410  CORREWHL HOLDER

SILENT TIPS

TCP100

Silent practice with your own sticks...any time, anywhere.

BASS DRUM ANCHOR

6348

The 6348 puts an end to bass drum "creep." Hopi mount bass drum anchor tenons both spikes and rubber tips for any kind of performance surface.