

Cincinnati Fluteworks

FORTE

Winter ~ Spring

2006 - 2007

Ph. 513-579-8294 ~ www.cincinnati-fluteworks.com

Inside:

- **New Azumi Flutes**
- **New Dean Yang Headjoints**
- **DeFord Flutes - All Made in The U.S.**
- **Season's Flute & Stocking Stuffer Specials, Flute Baskets & Bags, Security Blankets**
- **Feature Article - "Off Shore" Flute Manufacturers**
- **TECHNICAL NOTES ~ Our New E-Newsletter!**



Courtesy Dean Yang Flutes

New Style Dean Yang Headjoints

Known for their characteristic professional sounding dark tone, Dean Yang premium student, step-up, and Pre-professional flutes is offering a new style headjoint that allows a more open, singing sound. The heads still have a dark, not buzzy timber. An unusual combination.

All heads on their silver plated instruments feature this new style that includes a solid sterling silver lip plated for no charge.

They still tout triple plating to make their lower models sound more like solid silver flutes, professional pads - the kind we use when we repair \$10,000 flutes - among many other features that make them feel and play like a much more expensive instrument. (Photo above) Please see our article on our web site called: **Why the Dean Yang is a WOW Instrument** for more details and diagrams about them.

Annual and Preventative Maintenance

Remember your flute, just like your car, needs regular maintenance to keep playing at its best. Hard to play low notes, sluggish articulation, & wierd or bad intonation are all indications of leaks. Annual maintenance will clear up the periodic leaking that sneaks up on you and really stretch out the lifetime of your pads. If you keep playing on leaking pads, it will exacerbate the leaks, and eventually, the pads won't be able to be resealed. That means more down time and much more expense.

January through March is a good time to send it in and get it back quickly. We are committed to faster turnaround times so you'll miss as little practice as possible. Give us a call before you ship your flute, and we will phone you with a prognosis as soon as it arrives.

For more info. and prices, see our website!

Our 27th Year
Cincinnati Fluteworks

Ph. 513-579-8294 ~ www.cincinnati-fluteworks.com

New TECHNICAL NOTES

Our New E-Newsletter!

FREE Trevor James Polishing Cloth
When You Sign-up! (\$5. value)

This FREE monthly newsletter will feature topics (with graphics) such as:

- › Headjoint Undercutting & Tonehole Fraizing
- › Selecting a Headjoint that Fits You
- › What Effects Tone?
- › Flute Materials
- › More!

To Subscribe E-mail us:
info@fluteworks.com
Or Sign-up Online at
www.cincinnati-fluteworks.com

We will never share or sell your address!

Feature Article

"Off Shore" Flute Manufacturers

For the last 3 years, the American flute market has been flooded by instruments made by "off-shore" manufacturers. A big part of our business is flute repair, and we have seen a plethora of cheaply made instruments from many companies that, quite frankly, don't hold adjustments well, and aren't worth repairing. These "mega" manufacturers will put any number of brand names on the same flute and sell them to anyone, with no warranty, no dealer back up, and no available parts. BUT this is not a sour grapes rant about such things. I want to tell you about the **good things** that have developed from this new era of flute building.

The Good Stuff

There is a handful of flute manufacturers whose U.S. offices - in addition to their facilities here, have heavily invested in plants out of the country. They own their own factory where their flutes are built. They have and tight quality control and good dealer support with plentiful parts and backup technology. Their manufacturing materials are at least as good as what is available here. -And they have quick delivery.

Their models rate very high in our "Good Flute" tests which include how much hand work is evident in the mechanism, quality of pads, reliability (how well it will stay in adjustment), and playability (tone production, quickness of response, articulation, and range of volume). See our article on "How to Shop for a New Flute" on our web site at www.cincinnati-fluteworks.com for more details.

The Best Part

Each of these companies offers something unique. Whether a hand made professional headjoint on their student model, hand cut heads, or special CNC block cut keys - to name a few - they really add more professional physical and playing characteristics to student and step up priced instruments. The caveat is their reasonable price. I wish I had grown up on one of these.

Azumi Flutes

Azumi's big plus is that they put an Altus Z cut (their parent company) handmade professional headjoint made out of 958 silver on student step up bodies (this is even more pure than sterling silver, which is 925 parts per thousand pure silver). 958 Britannia silver is usually only found on pro flutes. You used to have to pay \$1000 for such a headjoint alone. But the model that includes this head and a silver plated body is below \$1300 and the silver body model is below \$1800 (Pictured on this page)

Thumbnail:

Brand: Azumi by Altus

Claim to fame: Handmade Professional 958 Solid Silver Altus

Headjoint, Z Cut

Models available:

- Model 2000: 958 Solid Silver Pro Altus head, silver plated body, foot, keys, open holes, B foot, Y cup arms.
- Model 3000: 958 Solid Silver Pro Altus head, 958 Solid Silver body, foot, silver plated keys, open holes, B foot, Y cup arms.

Mechanism: Very tight fitting, hard felt pads that won't pack down and leak readily.

Timbre: Open, but not wild. Not buzzy, great presence.

Rectangular embouchure hole.

Darkness/Brightness Scale (10 being brightest): 6

Dean Yang Flutes

Dean Yang Flutes are a lesser known brand that has earned a "Best Buy" status in our eyes. They have been selling in this country for some 30 years, so they aren't new kids on the block. But they have really kept up with technology, stayed on top with quality control, and kept prices down. (FYI: these aren't the old E.F. Dean, or Dean Flutes). They do build another popular brand, but concentrates more time and better materials on flutes bearing their own name. They are one of the first companies to offer hand cut heads on EACH of their models - and recently have improved the responsiveness and openness of the blowing characteristics of them.

Thumbnail:

Brand: Dean Yang

Claim to fame: Hand cut headjoints, solid Sterling Silver Lip Plates on even the silver plated models. On plated parts they use triple plating.

Models available: Whole range of student and step up models, including curved head beginner flutes, Altos, and Pre-professional.

Mechanism: Very tight fitting, the best hard felt professional pads - even on beginner flutes.

Timbre: Darker, but sings and is very responsive.

Darkness/Brightness Scale (10 being brightest): 3.5

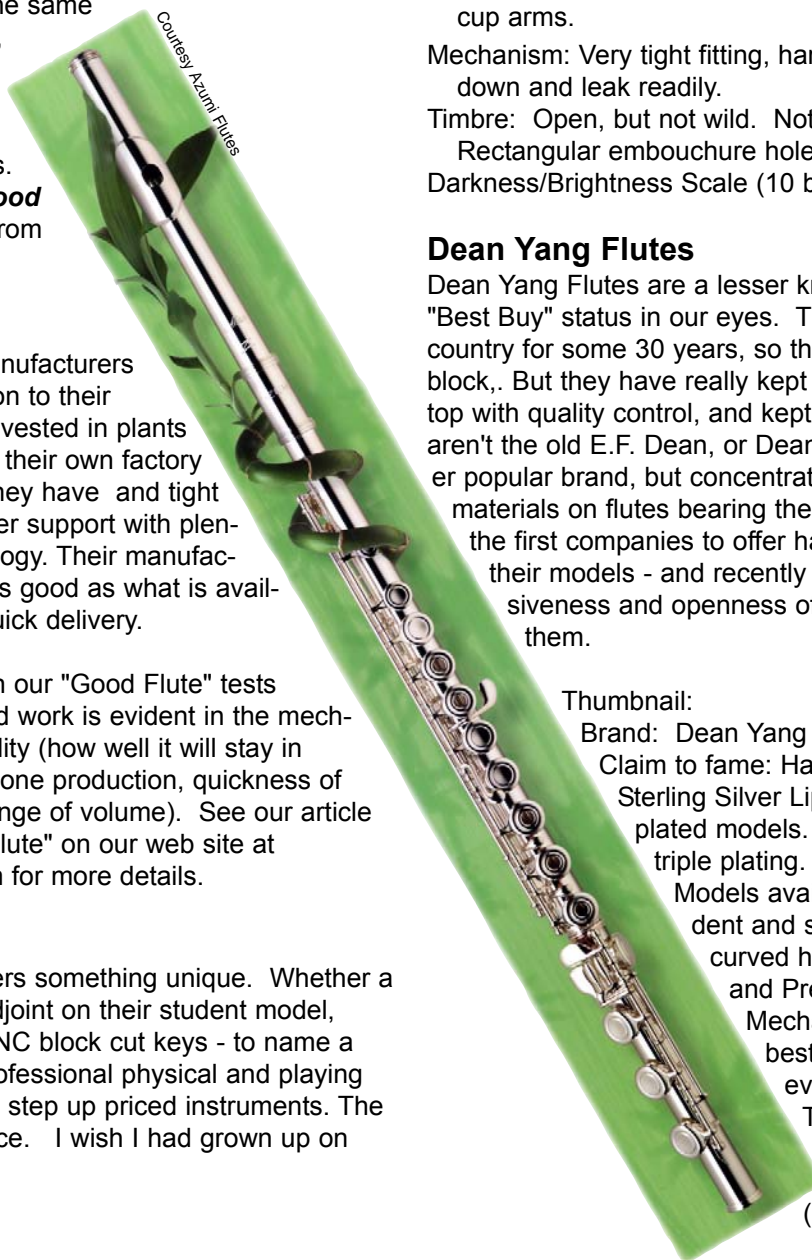
Amadeus Flutes by Haynes

Haynes has entered the step up and Pre professional markets with good and unique ideas that work well. The headjoints are designed by Haynes, are hand cut and have a very refined tone. They have also devised a one piece key construction that CNC cuts the keys out of one solid block of material, strengthening the key and reducing the number of solder joints. (Pictured on page 3)

Thumbnail:

Brand: Amadeus by Haynes

Claim to fame: Hand cut heads designed by Haynes. CNC block cut keys



Models available:

- Model 600: Hand cut Solid Sterling Silver head, silver plated body, foot, keys, B foot, open holes, Y cup arms..
- Model 700: Hand cut Solid Sterling Silver head, body, foot, silver plated keys, B foot, open holes, Y cup arms.
- Model 800: Pre professional flute. Hand cut Solid Sterling Silver Haynes headjoint, silver plated body, foot, keys, B foot, open holes, pointed cup arms.
- Model 900: Pre professional flute. Hand cut Solid Sterling Silver Haynes headjoint, Solid Sterling Silver body, foot, keys, B foot, open holes, pointed cup arms.

Mechanism: Well fitting keys, light touch, gold springs, Pro pads.

Timbre: Clear, refined.

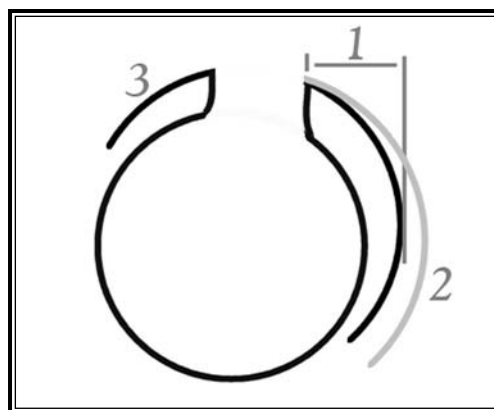
Darkness/Brightness Scale (10 being brightest): 5



What Effects Flute Tone?

The Data Page, "Fraizing and Undercutting," describes undercutting embouchure holes and fraizing tone holes and their effects on tone production. We all concentrate on the general shape, dimensions, angles of the embouchure hole, and height of the riser as major determiners in the kind of sound we produce. But there are so many other things that contribute to the timbre coming out of the flute you're blowing into. Here's a short list:

- Weight and shape of crown
- Shape and how tight headjoint stopper fits
- How close your chin is to the embouchure hole (see #1 in illustration)
- Angle of the lip plate and shape of your chin (see #2 in illustration)
- Shape, width, angle of the lip plate on the other side of the embouchure hole (see #3 in illustration)
- How clean the embouchure hole is
- Type of material, thickness, and hardness of the tubes
- How tightly tennons fit
- If tubing is plated over base metal
- Drawn or soldered tone holes
- Width and thickness of ribs
- Hardness of pads
- Shape of pad washer and screw
- Tone hole to pad clearance when key is standing open
- Reducing air turbulence
- Adding air turbulence
- Overall weight of mechanism (type of metal of the mechanism has no effect on sound, but the weight of the mechanism does)
- Smoothness of inside of tube and location
- Inside diameter of tube
- Diameter of tone holes



- Closed or open G# key
- Application of any "holding appliance"
- If tube is wood, presence of surface oil inside bore
- Leaks
- Chapped lips
- Shape or size of mouth cavity
- The salty chips you ate at lunch
- Everything

To read more about "Fraizing and Undercutting" and brief headjoint tests, go to:

www.cincinnati-fluteworks.com

click on the article under *Data Pages*

Cincinnati Fluteworks

621 Clemmer #13
Cincinnati, Oh 45219

Inside:

- **New Azumi Flutes**
- **New Dean Yang Headjoints**
- **DeFord Flutes - All Made in The U.S.**
- **Season's Flute & Stocking Stuffer Specials,
Flute Baskets & Bags, Security Blankets**
- **Feature Article - "Off Shore" Flute Manufacturers**
- **TECHNICAL NOTES ~ Our New E-Newsletter!**

Cincinnati Fluteworks

621 Clemmer Ave. #13 ~ Cincinnati, Ohio 45219

Ph. 513-579-8294 ~ Fax 513-579-8305

Web site: www.cincinnati-fluteworks.com

Email: info@fluteworks.com

Copyright Dec, 2006 ~ Prices subject to change without notice