



# **BIMETALLIC PIPE TECHNOLOGY**

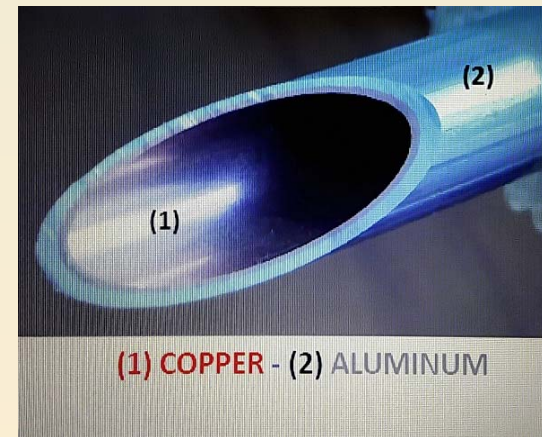
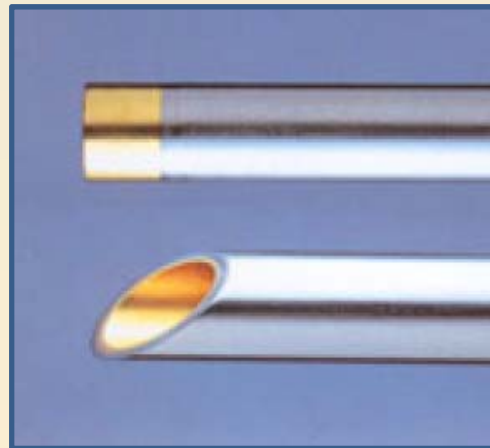
**BIMETALLIC TUBE MACHINE**

BY:- EXTREME VISION ENGINEERING CO.,LTD

**EXTREME VISION ENGINEERING CO.,LTD**



Bimetallic tubes is a process of two different materials unified into a single homogeneous metallic tube. Usually the inner material is a corrosion resistance alloy (Copper, Aluminium-Brass, Titanium) whereas the outer material is a high stress resistant alloy(Stainless Steel, Carbon Steel, Titanium), depending on application.



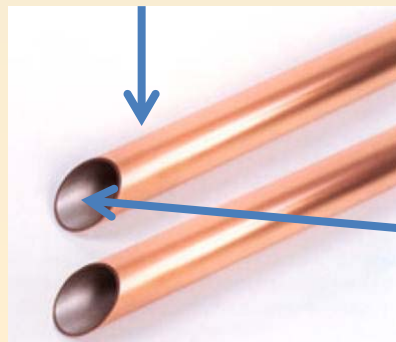
## COMBINATION OF DIFFERENT BIMETALLIC TUBES



**PLANNING TO RETUBE  
YOUR COPPER ALLOY  
HEAT EXCHANGER?  
EVER CONSIDER  
OF USING  
BIMETALLIC TUBES?**



**OUTER TUBE**  
COPPER NICKEL



**INNER TUBE**  
TITANIUM

**SUITABLE FOR CONDENSERS  
AND HEAT EXCHANGERS USING  
COPPER ALLOY TUBES**



**OUR MACHINE CAN PRODUCE  
ANY MATERIAL COMBINATION**  
SIZES RANGE FROM OD1mm -400mm



**WE DO CUSTOM MADE BIMETALLIC TUBES  
ACCORDING TO CUSTOMERS  
SPECIFICATIONS.**

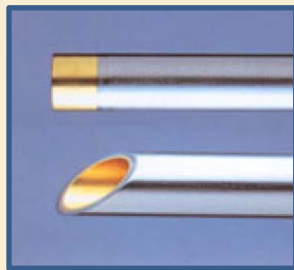
**PLEASE SPECIFY YOUR INNER LIQUID AND  
OUTER ENVIRONMENT AND WE WILL  
PROPOSE A SUITABLE SOLUTION**

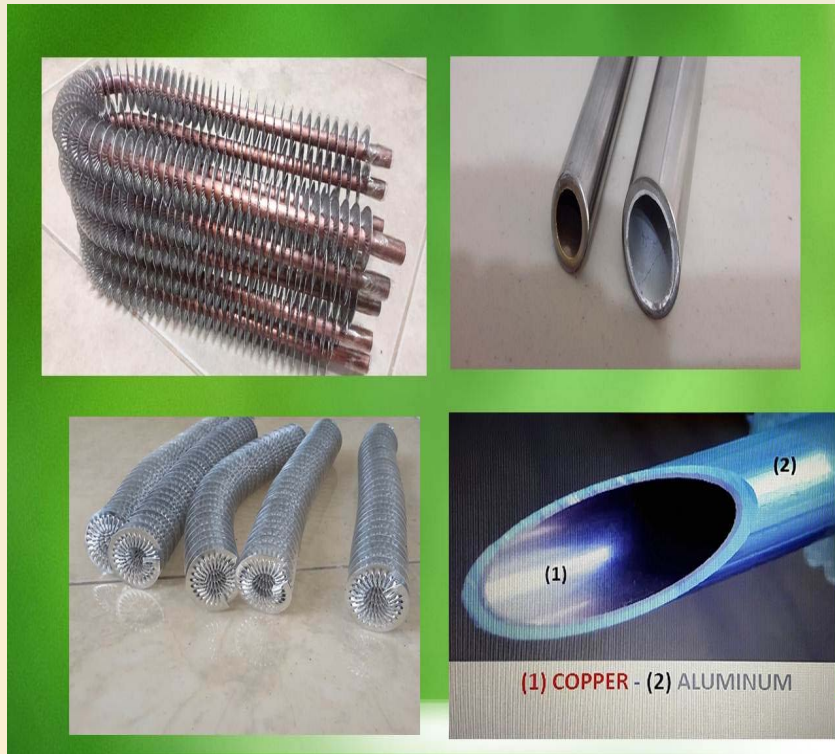
**BIMETALLIC TUBE MACHINE**

BY:- EXTREME VISION ENGINEERING CO.,LTD



**BIMETALLIC PIPES  
USED IN THE SHELL AND TUBES HEAT EXCHANGERS  
SAVE MONEY IN THE SELECTION OF THE MATERIALS  
ESPECIALLY WHEN  
THE INNER FLUID IS TOO CORROSIVE**





**CONTACT US**

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## COMBINATION OF BIMETALLIC TUBES THAT WE CAN PRODUCE

| MATERIAL                  | EXTERNL TUBE |          |                   | INTERNAL TUBE     |          |        |
|---------------------------|--------------|----------|-------------------|-------------------|----------|--------|
|                           | Øe           | spessore | Øi                | Øe                | spessore | Øi     |
| A179 / SB111 C122         | 25,4mm       | 1,65mm   | 21,9mm (+/-0,15)  | 21,3mm (+0/-0,1)  | 1,65mm   | 18,2mm |
| A179 / SB111 C687         | 19,05mm      | 3,05mm   | 12,7mm (+/-0,15)  | 12,3mm (+0/-0,1)  | 1,25mm   | 10mm   |
| A179 / SB111 C687         | 19,05mm      | 1,65mm   | 15,6mm (+/-0,15)  | 15,1mm (+0/-0,1)  | 1,25mm   | 12,6mm |
| A179 / SB111 C687         | 19,05mm      | 1,25mm   | 16,55mm (+/-0,15) | 16,1mm (+0/-0,1)  | 1,65mm   | 13mm   |
| A179 / SB111 C687         | 19,05mm      | 1,65mm   | 15,6mm (+/-0,15)  | 15,1mm (+0/-0,1)  | 1,25mm   | 12,6mm |
| A179 / SB111 C687         | 25,4mm       | 1,65mm   | 22,1mm (+/-0,15)  | 21,75mm (+0/-0,1) | 1,25mm   | 19,4mm |
| A179 / SB111 C687         | 19,05mm      | 1,25mm   | 16,35mm (+/-0,15) | 15,9mm (+0/-0,1)  | 1,65mm   | 12,7mm |
| A179 / SB111 C687         | 25,4mm       | 1,75mm   | 21,6mm (+/-0,15)  | 21,1mm (+0/-0,1)  | 1,25mm   | 18,8mm |
| A179 / SB111 C706         | 19,05mm      | 1,65mm   | low fin!!!        | 14,1mm (+0/-0,1)  | 1mm      | 12,1mm |
| A179 / SB111 C706         | 19,05mm      | 1,65mm   | 15,6mm (+/-0,15)  | 15,1mm (+0/-0,1)  | 1mm      | 13,1mm |
| A179 / SA213 Tp304        | 38,1mm       | 2,11mm   | 33,7mm (+/-0,15)  | 33,45mm (+0/-0,1) | 1mm      | 31,5mm |
| A179 / SB111 C706         | 19,05mm      | 1,25mm   | 16,35mm (+/-0,15) | 15,9mm (+0/-0,1)  | 1mm      | 14mm   |
| A179 / SA213 Tp316L       | 19,05mm      | 1mm      | 17,05mm (+/-0,15) | 16,4mm (+0/-0,1)  | 1,25mm   | 14mm   |
| SA213 Tp304 / SB111 C687  | 19,05mm      | 1,25mm   | 16,35mm (+/-0,15) | 15,9mm (+0/-0,1)  | 0,89mm   | 14,2mm |
| SA213 Tp304 / SB111 C443  | 19,05mm      | 1,25mm   | 16,35mm (+/-0,15) | 15,9mm (+0/-0,1)  | 0,89mm   | 14,2mm |
| SA213 Tp316L / SB111 C715 | 19,05mm      | 0,89mm   | 17,1mm (+/-0,15)  | 16,6mm (+0/-0,1)  | 1,25mm   | 14,3mm |
| SA213 Tp316L / SB111 C715 | 19,05mm      | 1,19mm   | 16,45mm (+/-0,15) | 15,9mm (+0/-0,1)  | 1,47mm   | 13,1mm |
| Fe 35.2 / SB111 C687      | 20mm         | 1,25mm   | 17,5mm (+/-0,15)  | 17mm (+0/-0,1)    | 1,25mm   | 14,6mm |
| Fe 35.2 / SB111 C706      | 20mm         | 1,5mm    | 17mm (+/-0,15)    | 16,5mm (+0/-0,1)  | 1,5mm    | 13,8mm |
| St 35.8 / SB111 C715      | 25mm         | 1,75mm   | 21,4mm (+/- 0,15) | 20,9mm (+0/-0,1)  | 1,25mm   | 18,4mm |
| SB111 C715 / St.35.8      | 25mm         | 1,75mm   | 21,4mm (+/- 0,15) | 20,9mm (+0/-0,1)  | 1,25mm   | 18,4mm |
| SA209 T1 / SB111 C687     | 19,05mm      | 1,65mm   | 15,55mm (+/-0,15) | 15mm (+0/-0,1)    | 1,25mm   | 12,6mm |

# Job Reference of our Bimetallic Tubes

Client:- MYAT, USA Inc  
Bimetallic Tube  
Outside :- 5inch MS Pipes  
Inside:- Copper Tube





Client:- Japanese Refrigerator Client (Undisclosed due to Privacy agreement)

Bimetallic Tube

Outside :- Aluminium

Inside:- Copper

