



DIP-BRAZING FACILITY

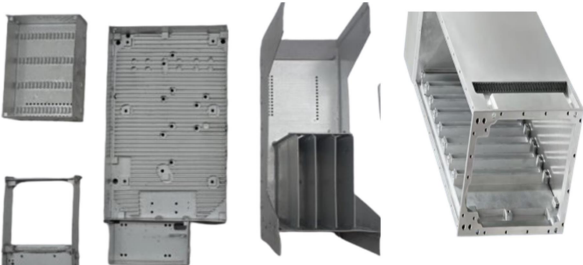
BANGALORE, INDIA

What is Dip-Brazing?

The dip brazing procedure allows the joining of aluminum components to create strong, leak-proof, and conductive joints. Dip-brazed joints are durable to minimize distortion and resist shock. It also helps to join complicated parts, avoiding high cost pressure die casting.

At Bharat Electronics we are specialized in aluminum dip brazed assemblies for a wide variety of industries, including military, medical, aerospace, energy, and more.

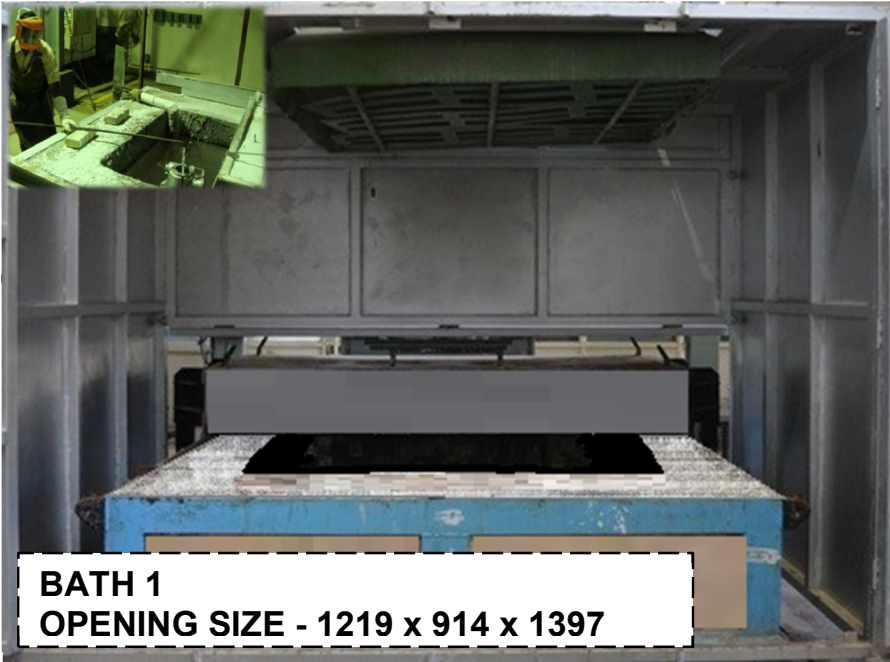
What we do?



Aluminum Salt Brazed Enclosures



**Wave Guides / Connectors
Anode & Cathode X-ray housings**



About BEL

Bharat Electronics Limited (BEL) is a Navratna PSU under the Ministry of Defence, Government of India. It manufactures state-of-the-art electronic products and systems for the Army, Navy and the Air Force. BEL has also diversified into various areas like homeland security solutions, smart cities, e-governance solutions, space electronics including satellite integration, energy storage products including e-vehicle charging stations, solar, network & cyber security, railways & metro solutions, airport solutions, Electronic Voting Machines, telecom products, passive night vision devices, medical electronics, composites and software solutions.

Strength

One of the largest salt bath in Size

Bath 1: 1.2 x 0.9 x 1.4 m & Bath 2: 1.4 x 0.9 x 1.4 m each running 24 x 7

25+ years' experience in Dip-Brazing

Al to Al Dip-brazing

Thickness of the material ranging 0.5mm to 50mm can be joined

Expertise in Joining multiple joints up to 400 per dip

Can design and fabricate any type of fixture



Customers



Quality

We have extensive expertise to create custom products for all types of industries. We are ISO 9001, ISO 14001, ISO 45001 and ISO 13485 Certified Company. As a reputable dip brazing company we provide you with a quality finished product at affordable costs.

Process Sequence



Pre Cleaning



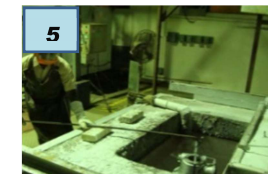
Filler Application



Fixture Assembly



Pre Heating



Dipping in Bath



Post Cleaning & Heat Treatment

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