

# Halla E·B·Technology Inc.

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<b>major business</b>	Electron Beam Welding, Laser Beam Welding		

It was established as Halla Industrial Co., Ltd. in 1996 and developed and installed the electronic beam welder 1 locally, and so far, the electronic beam welder unit 7 has been manufactured and installed. It is a company specializing in electron beam and laser beam welding by revising its name to Hanlivitech Co., Ltd. in 2001 and introducing a laser welding machine. It is a competitive company with technology that is applied to fields used for special purposes such as defense industry, space development, nuclear power, semiconductor, etc.

## Products



HYPERVAPOTORN

**Description** Major accessories for cooling thermally loaded ion dumps, beamline scrapers and calorimeter systems  
 Welding dissimilar metals(CuCrZr+Inconel)



Lap Joint

**Description** It is a structure that can safely connect superconducting wires and superconducting wires, and the purpose is to maintain low electrical resistance when connecting superconducting cables made of in-house connectors used at extremely low temperatures  
 Welding heterogeneous metal(STS316L+Cu)

## Technical Capacity

### » Electron Beam Welding

- High-density energy welding has high welding efficiency
- Welding during vacuum prevents oxidation
- Weldable dissimilar metals with minimal deformation

### » Laser Beam Welding

- Precision and fine welding with good light collecting properties
- The heat-affected part of the periphery is narrow due to high-speed, low-input welding
- Because it is non-contact processing, welding can be performed without degrading the purity of the material