

We handle the entire design, assembly and installation process of large electric rooms.
Welding technology that reduce deformation of thin plates.



Electrical room for Goliath crane

Nishiki Densoh Co., Ltd. Nishioka Ironworks Co.,Ltd.

6-6-35 Takihama, Niihama, Ehime, 792-0893
TEL (0897) 46-0394 FAX (0897) 46-2438
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Production of large electrical rooms

We can provide an end-to-end service from large-scale sheet can molds to coating, electrical assembly and wiring, and final inspection.



Inside the electrical plant

Low-distortion welding

We own a YAG laser welding machine and can perform high-precision low distortion welding of thin sheets (mild steel, stainless steel, etc.).



YAG laser welding machine
Highly versatile hand type welder.



Stainless steel hopper
Deployed in 3D-CAD, using YAG laser welding we weld without distortion.

We manufacture control panels and large electrical rooms for various types of industrial machinery in various industries.



Sheet metal automatic machining system (full view)
Unattended operation possible in conjunction with the material product shelf.



Inside the electrical equipment factory. Various control panels being manufactured

Electrical equipment and parts

Nishiki Densoh Co., Ltd. Nishioka Ironworks Co.,Ltd.

Founded July 1983

Capital 10,000,000 yen

Representative President Kei Nishioka

Locations **Nishiki Densoh Co., Ltd.**

6-6-35 Takihama, Niihama, Ehime, 792-0893 TEL (0897) 46-0394 FAX (0897) 46-2438

Nishioka Ironworks Co.,Ltd.

6-6-35 Takihama, Niihama, Ehime, 792-0893 TEL (0897) 46-0303 FAX (0897) 45-3534

Business summary

We own an automated sheet metal machining system, and particularly for thin sheet work (t1.6~t3.2), we can provide products with stable quality and fast delivery at low cost.

We own coating with large drying furnace, and can provide an integrated production system from coating to assembly.

Main customers

Sumitomo Heavy Industries Engineering Services Co., Ltd., Steel Plan Tech Co., Ltd.,

Mitsubishi Heavy Industries Printing & Packaging Machinery Ltd.,

Mitsubishi Heavy Industries Transportation Equipment Engineering & Service Co., Ltd.

Business content

Design, manufacture and onsite commissioning of control panels, high-low-voltage switchboards, distribution boards, operation panels and monitoring boards, Various covers, control panel housing, sheet steel can goods production and laser turret punch press processing

Major facility

(Nishioka Ironworks)

Machine name	Ability	Number
Sheet metal automatic machining system	Murata Machinery MOTORUM-2558HYBRID (Turret punch press, laser multifunction machine with automatic unloading equipment) Processing size 3.2mm x 5' x 10'	One set
Laser beam machine	Mitsubishi Electric ML3015HVP-3020D processing size 16mm x 5' x 10'	1
NC press brake	Amada RFB-1253 (125t-3m)	1
	Amada HDS1703NT (170t-3m)	1
	Amada RG-250 (250t-4m)	1
Glazing coating system	Powder coating supported. Drying furnace 8.0m x 3.9m x 3.0m	One set
NC Shearing	Amada 6.5mm x 2.5m	1
Automatic sawing machine	Amada HFA250	1
Unit worker	Takeda Machine UW-45	1
YAG laser welding machine	Japan Welding SRY-45P	1
Various welding machines	TIG, CO2 semi-automatic (full digital, thyristor)	15
Overhead traveling crane	2.0 to 2.8t	10
3-dimensional sheet metal deployment CAD	Amada Sheet Works	1



YAG laser welding machine



Sheet metal automatic machining system (Turret punch press, laser MFP)



Large drying furnace with length 8m

Drying furnace
Glazing coating of large objects is possible with the 8m length large-type drying furnace.

Electrical room with total length over 10m



Electrical room
Large rooms can be more than 10m long. Control equipment is housed in here.