Fukada Netsusyori Kogyo Co., Ltd.

FUKADA, Specializes in Metal Heat Treatment.



- President and Representative Director ∕ Ken Fukada
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- Marketing Contact / Masafumi Shimada
- Quality Contact / Junji Wakamatsu
- Capital / 10 million Japan Yen
- No. of employees / 70 (incl. 24 HT Engineers)
- Major Products are parts for:

Aerospace Industry
Machine Tools
Agricultural Machinery
Medical Equipment

Automobiles and Motorcycles
Construction Machinery
Railroad Vehicles
Sporting Goods

Maijor Clients (in alphabetic order)

Komatsu Ltd. Sekigahara Seisakusho, Ltd. NSK Ltd. Sumitomo Precision Products Daido Kogyo Co., Ltd. Co., Ltd.

FUJI SEIKI Co., Ltd.

Karatsu Precision, Inc.

Nakamura-Tome Precision Ind.

Takabayashi Mfg. Co., Ltd.

Takamatsu Machinery Co., Ltd.

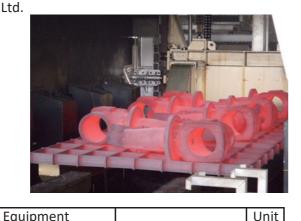
Tohshin Seiki Co., Ltd.

Co., Ltd. Tsukiboshi Mfg. Co., Ltd. Okada Kenma Co., Ltd. Tsudakoma Corporation

Certifications

AS9100 (certified in 2016), Nadcap accredited with Heat Treating

For Heat treatment, customer-certified by (in alphabetic order); Collins Aerospace, Hitachi Construction Machinery, Honda Aircraft Company, Komatsu, KYB, Nabtesco, NSK, Sumitomo Construction Machinery, Sumitomo Precision Products



Equipment		Unit
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Continuous Gas Atm. Furnace	400∼600Kg∕H	3
Continuous Tempering Furnace		3
Vacuum Furnace	600H×600W×1,200L	1
Batch-Type Gas Atm. Furnace	800H×760W×1,200L	1
Batch-Type Air Atm. Furnace	800H×760W×1,200L	1
Al Solution/Aging Furnaces	1.300H×1,200W×2,000L	1 each
Batch-Type Tempering Furnace	800H×760W×1,200L	4
Truck-Type Tempering Furnace	1,200H×1,200W×2,400L	4
Induction Hardening Equipment	30 to 250 KW	7
Lateral motion type I.H. EQP	1,100H×2,000W×12,000L	1
Apron Type Shot Blasting EQP		1

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-	Large Batch-Type Air Atm. Furnace	1,300H×2,000W×4,000L	1
	Large Batch-Type Tempering Furnace	1,300H×2,000W×4,000L	2
	Batch-Type Gas Atm. furnace	1,120H×760W×1,220L	4
	Batch-Type Tempering Furnace	650H×760W×1,220L	2
	Induction Hardening Equipment	ф250×2,000	2
	Truck-Type Tempering Furnace	1,200H×1,100W×2,500L	1
	Table-Type Shot Blasting EQP		1
	<both are="" equipped="" factories="" with;=""></both>		
	Rockwell Hardness Testing Machine		
1	Microhardness Tester		
١	Brinell Hardness Testing Machine Shore Hardness Tester		
١			
١	Inverted Metallographical Microscope		
	Magnetic Particle Inspection Equipment		











Special Notes

FUKADA has been accredited with Nadcap (National Aerospace and Defense Contractors Accreditation Program) for heat treatment, and heat-treating various aerospace parts, in the production line used exclusivery for this industry. FUKADA has expertise in the area of quenching and tempering of steels, in addition to vacuum heat treatment of precipitation hardening of corrosion-resistant steels. Landing gears for HondaJet and Mitsubishi SpaceJet are among FUKADA's major heat treatment aerospace applications.

Selling Points

FUKADA heat-treats aerospace parts in high quality metals.

Constantly seeking excellence in quality control since the foundation of the company has enabled FUKADA to supply parts and services with stable quality. FUKADA had established its quality management system before joining the aerospace industry in 2012. The mission of Monozukuri, or , the spirit of manufacturing with craftsmanship, has been naturally inherited in FUKADA engineers' DNA since the foundation. With pride in this culture, FUKADA is committed to seek further quality improvement.

Core Technology and Specialism

FUKADA, specializing in heat treatment, conducts nonoxidizing heat treatment, induction hardening, carburizing heat treatment, vacuum heat treatment, aluminum solution treatment, material thermal refining, annealing, normalizing, etc.

During the nonoxidizing heat treatment, parts in the furnace are heated in the sustained endothermic atmosphere, thus minimizing surface oxidization and scale generation.

Induction hardening quenches the targeted surface areas of gears, bushes, shafts, etc., with special heating coils. That is, high frequency induction heating. This way of quenching gives abrasion resistance and fatigue resistance to the processed parts as required by customers. Vacuum heat treatment quenches parts in a vacuum condition. The quench hardening results in a beautiful silvery-white surface finishing while realizing necessary mechanical properties, no surface staining, or no scale generation.

FUKADA's precision programming enables perfectly controlled environment in the vacuum furnace and eliminates the possibility of quality dispersion. This furnace has been operated as our main heat treatment equipment exclusively for aerospace applications. FUKADA's extensive lineup of heat treating equipment coupled with the engineers' expertise ensures optimal heat treatment to satisfy customer requirements for dfferent shapes, materials, and qualities.

Others

FUKADA has focused on improving its expertise in heat treatment with great enthusiasm ever since the company's establishment in 1963. The effort is ongoing through the milestone of 50th anniversary In 2013 to today. FUKADA's experienced heat-treating engineers who has led the proven history are all ready to support customers with the best expert solutions.