

# **IIDZKA SEISAKUSYO CO., LTD.**

## **Company Profile**

# Business outline



Name	<b>IIDZKA SEISKUSHO CO.,LTD.</b>
President	Yasushi Iizuka
Headquarters	493, Nenarigaki, Yamatotakada, 635-0051, Japan
Line of business	Development and manufacturing of Cold forged components, Design of dies
Foundation	Oct-1964
Established	Feb-1992
Capital	JPY 20 Million
Annual turnover	JPY 3.1 Billion / US\$28Million (FY 2017)
Employees	Approx. 185

Founded in 1964, IIDZKA have been growing with its cutting edge technologies in cold forging fields, which enables rigid and precise metal parts for automobile industry and other industries. Our products are so reliable that they are being used for Critical Safety Parts including sheet belts, air bags, and steering mechanisms.

# History



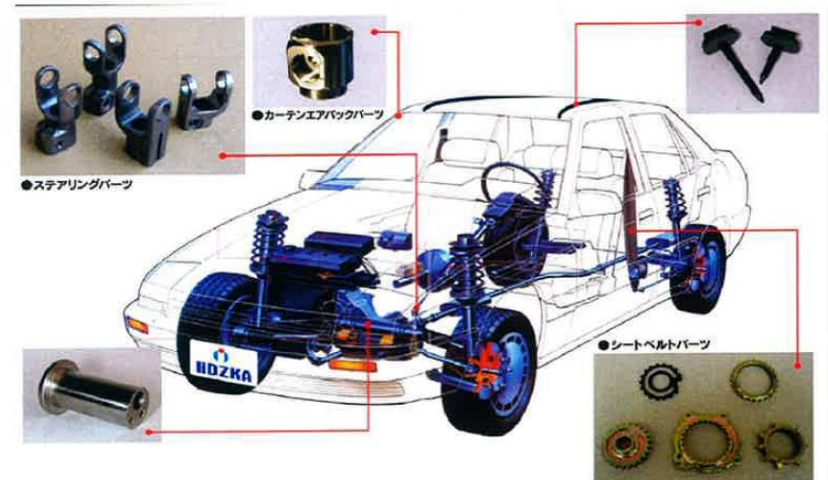
Oct. 1964	Started metal pressing business.
Nov. 1981	Started development & production of cold forged parts for automobile.
Feb. 1992	Incorporated as “IIDZKA Seisakusho Co., Ltd.”
Oct. 2001	Certified ISO9001 Quality Management System
May 2003	Established Hari Factory
Jan. 2004	Certified ISO14001 Environmental Management System
Jun. 2007	Awarded “The Best 300 Small & Medium Manufacturing Enterprises” by the Small and Medium Enterprise Agency / METI (Ministry of Economy, Trade and Industry)
Dec. 2010	Certified ISO/TS16949 Automotive Quality Management System Transitioned to IATF16949 (2018)
Jan. 2012	Kagoshima Factory operation started.
Aug. 2015	Yasushi Iizuka has assumed the Presidency

# Major products

## Cold forging parts development and sales

Automobile parts are 94% in sales

- Cold forged automobile parts
- Other cold forged parts
- Precise machining parts
- Cold press formed parts
- Design/manufacturing of dies for cold forging and press forming



# Business overview



## Seat belt parts



## Air bag parts



## Engine parts

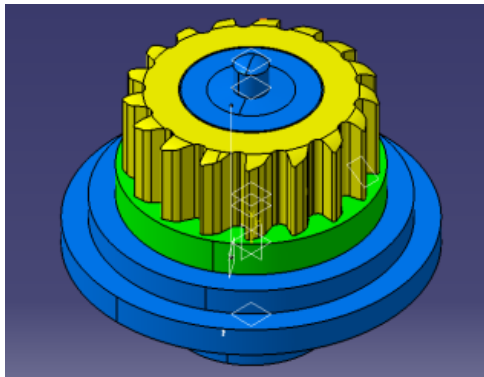


## Other parts

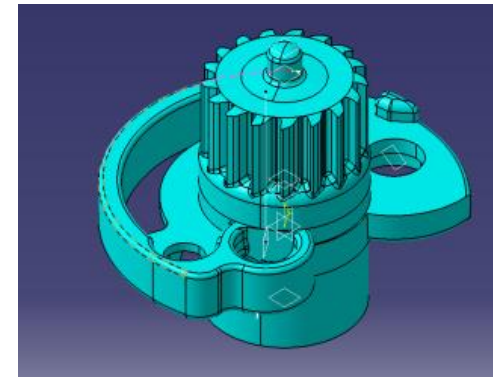
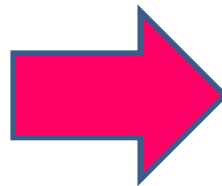


## One piece without cutting

- In the past, the part was composed of three parts produced by die-cast process, we have succeeded to make the part by cold forging without cutting process. The strength was increased and the thickness is thinner. The weight was 30% reduced and the cost as well. The part has no cutting process.



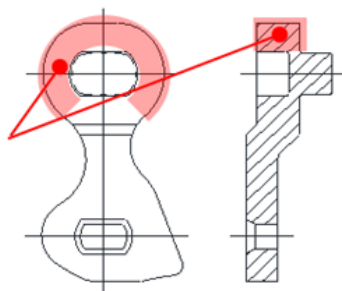
Before (3pieces)



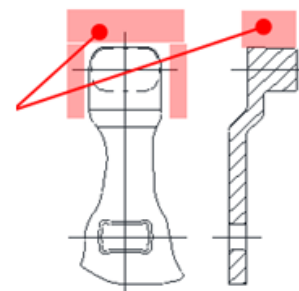
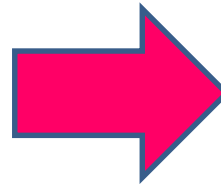
After (1pieces)

## Cut down non-functional part

- We were asked to make the part for diesel turbo engine by cold forging. And there are some redundant part for chucking when cutting process. The material SUS is very hard and the part requires the high accuracy in dimension. We have achieved to make them by cold forging with thin profile and lighter weight. The part has no cutting process.



Before 5.3g

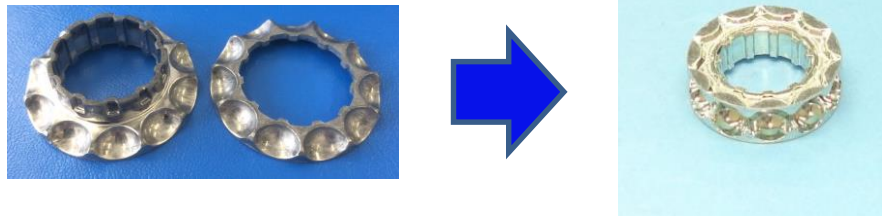


New 2.0g (▲62%)



## Clamping pinion from welded pinion

The part consists of two different parts. Both were connected by welding. We have achieved to make it by cold forging (clamped). Then strength of joint part has become higher. They are mass-producing with automatic transfer machine with high speed. The part has no cutting process.



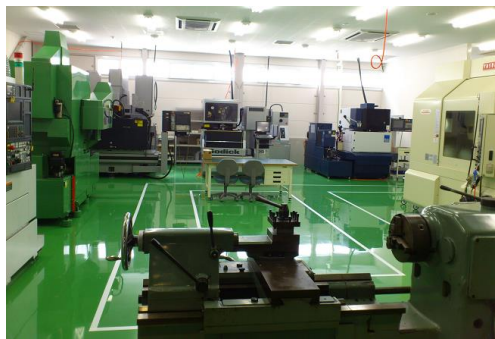
	Joint method	Strength of joint part
Regular	Welded	Normal
IIDZKA	Clamped	Higher



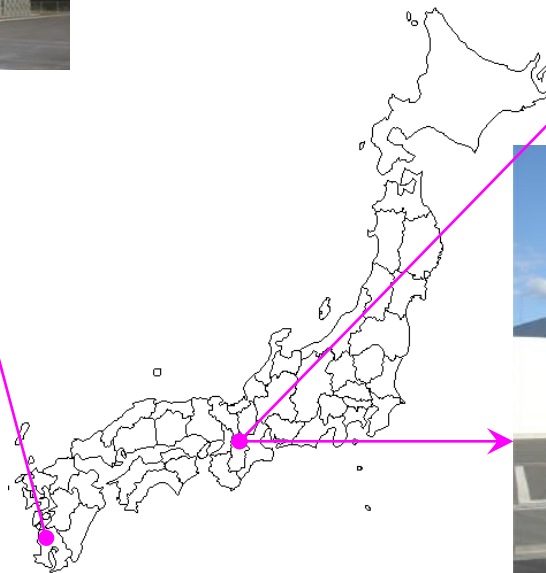
# Locations (Japan)



**Kagoshima Factory, approx.70  
(Cold Forging, Cutting)**

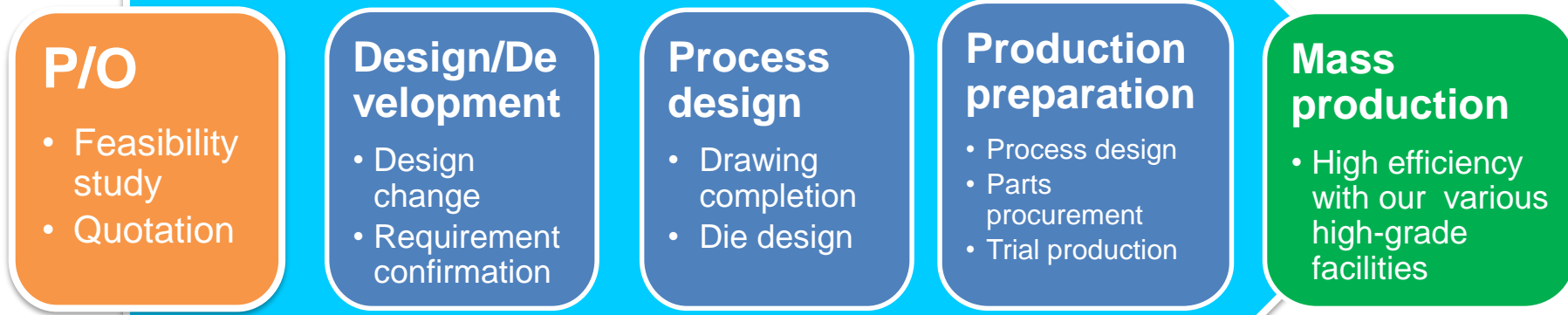


**Headquarters in Nara  
(Accounting/Administration)**



**Hari Factory in Nara, approx.115  
(Cold Forging, Cutting)**

# IIDZKA Advantage 1



Our advantage of iiDZKA is that iiDZKA design and manufacturer dies to create those important parts in cold forging process.

This integrated production system can help solve any potential quality issue that may arise in any process, then realize high quality products in a short time.

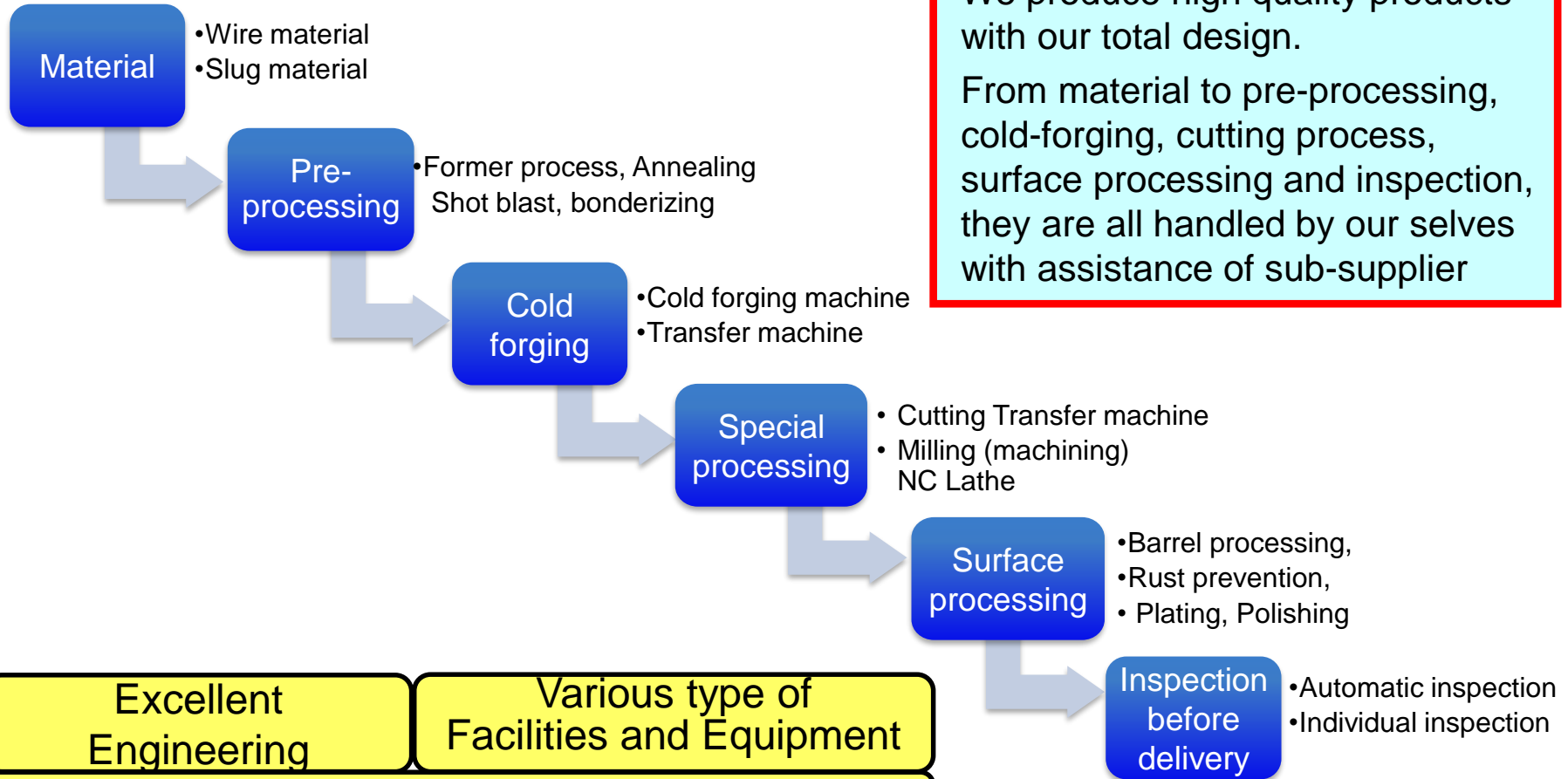


5-axes control machining center by Roeders for die making

# IIDZKA Advantage 2



## Manufacturing process



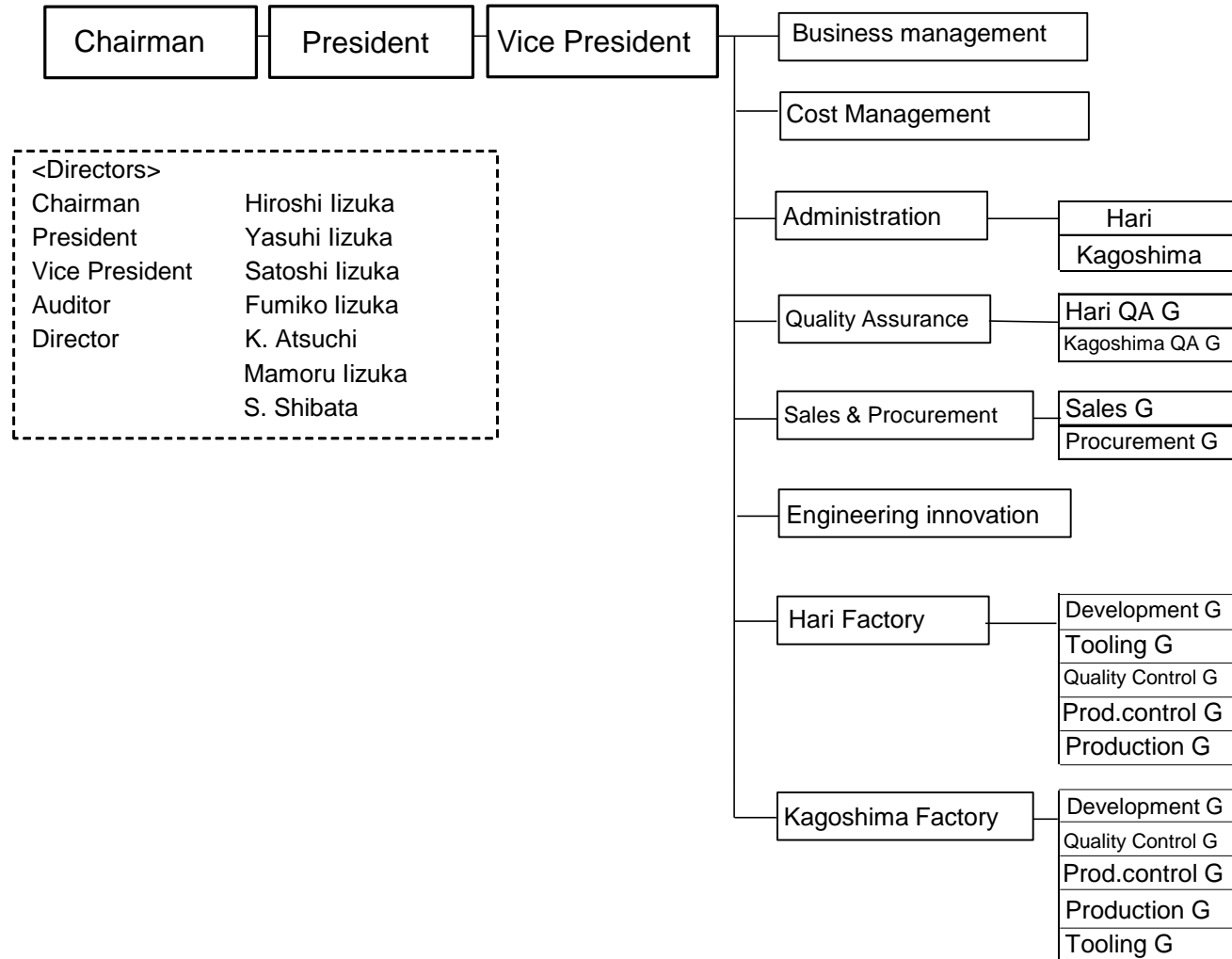
We produce high quality products with our total design. From material to pre-processing, cold-forging, cutting process, surface processing and inspection, they are all handled by our selves with assistance of sub-supplier

Excellent Engineering

Various type of Facilities and Equipment

Based on Quality assurance system

# Organization Chart



# Facilities and equipment



Ultimate precise forming press 300ton

Swiss made rotary transfer machine

Cold forging press 800ton Cold forging press 630ton

Cold forging press 400ton

Cold forging press 300ton

Cold forging press 250ton

Cold forging press 250ton long

Cold forging press 160ton and etc.

## <Other equipment>

- CNC lathe machine
- Machining center
- Rolling forming machine
- Wire cut electric spark machine
- Milling machine
- Surface grinding machine
- Cylindrical grinding machine
- Other precise measurement equipment



Die building facilities



NC Electro discharge machine

# Verification



## Certification

- ISO9001 <Quality management> from 2001
- ISO14001 <Environment management system> from 2004
- ISO/TS16949 <Quality management in Automobile industry> from 2010. This is required to be strictly controlled  
Transitioned to IATF16949 (2018)



## Patent

Acquired 16

Patent pending 2

## Award (Public recognition)

- The 300 of Japan's Vibrant Manufacturing SMEs  
By Ministry of Economy, Trade and Industry  
Small and Medium Enterprise Agency
- Selected by  
Toward The Global Niche Top Enterprise guide book 2016
- Selected by Nara prefecture  
Overseas business Leading Company



• **END**