



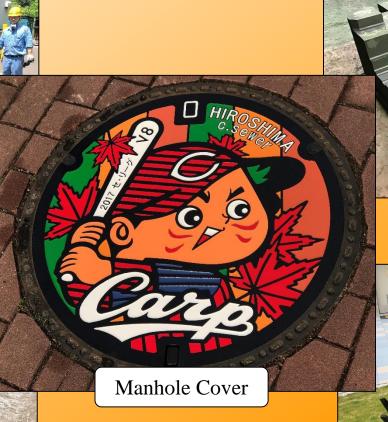


TOMOTETSU KOGYO



Automotive press mold

Mechanical casting





Die casting material

Landscape casting



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Automotive press mold







Die casting material





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SINCE 1959



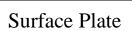




Mechanical casting













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Landscape casting





寄贈 広島県鋳物工業協同組合 平成27年3月28日



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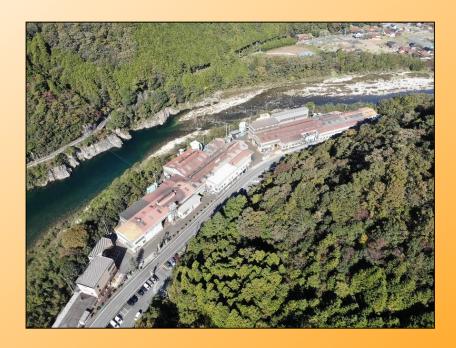


Company Profile

TOMOTETSU KOGYO

proceeds: 2,680 million yen (May 2018)

Number of employees: 96 people (As of January 2019)





Site area: 14,368m²

Foundry



Kabe Factory : Kameyama Asakita-ku Hiroshima

Site area:7,391 m² Model production

Manhole Cover Machining Painting Shipment

鋳物



Main customer

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SUZUKI MOTOR CORPORATION

DAIHATSU MOTOR Co.,Ltd.

Honda Motor Co., Ltd.







Mitsubishi Motors
Corporation

RYOBI Limited

HIROSHIMA ALUMINIUM INDUSTRY CO.,LTD.







Hirotec Corporation

KEYLEX CORPORATION

Nakashimada Engineering Works,Ltd.









Foundry

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Production capacity: 900t/month







Main equipment

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 Induction furnace 5 	t >	4
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• mixer	$15t/30t \times 2$
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10t×2

•Shake-out $20t \times 1$

15t×1

5t × 1

•Sand control $20t \times 1$

15t 1

• Shot blasting $15t \times 1$

10t × 1

2. 5t×2





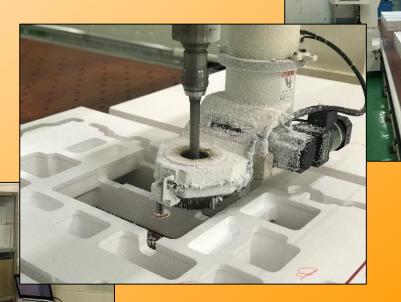


Styrofoam model factory TOMOTETSU KOGYO

Production capacity: 600t/month

CAD machine ×8

CAM machine ×2



NC Processing machine

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 $(16m) \times 3$, $(12m) \times 1$

3D laser measuring instrument







Corresponding size

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Maximum product weight (Single item): 15,000kg

Maximum size : $4,500 \times 2,400 \times 1,000$









Casting process

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3111CL 1707

Full mold process
(Automotive press mold)



Styrofoam die cutting process (Die casting material)



Wooden pattern process (Manhole Cover)





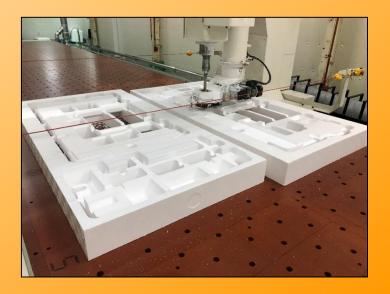
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Styrofoam model production









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Coating

Molding







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Melting



Tapping





友鉄 鋳物

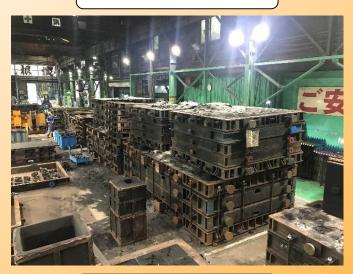


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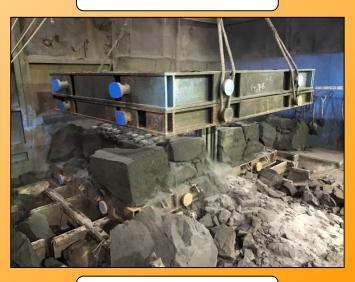
Cooling



Shot blasting



Shake out



Finishing





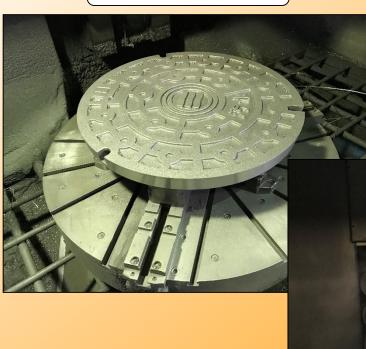


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Machining



Painting



Assembly





Quality assurance

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- Model 3D measuring instrument
- Water flow analysis
- Mechanical testing
- PT (penetration test)
- UT (ultrasonic testing)









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Quality assurance

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JISマーク表示制度

認証書

認証番号 QA0608002

認証日 2008年5月20日

友鉄工業株式会社

広島県広島市安佐北区安佐町飯室小池原6151-1

当社は、下記の鉱工業品が日本工業規格及び主務省令で定める基準に 適合していることを認証いたします。

製品名称及びJIS番号:球状黒鉛鋳鉄品 JIS G 5502

認証の区分: G-26

製品の種類:FCD450-10、FCD500-7、FCD600-3、 FCD700-2

認証事業場:友鉄工業株式会社 安佐工場

広島県広島市安佐北区安佐町飯室小池原6151-1

根 拠 条 項:工業標準化法 第19条第1項



日本検査キューエイ株式会社 東京都中央区新富二丁目15番5号

代表取締役社長





Japanese Industrial Standards Certification



Sewer equipment manufacturing Certification





Event

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Marathon



Cherry-blossom viewing



Sightseeing



Bowling competition



Company trip



Year-end party





Event

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SINCE 1959



Ski Club Tour



Watching baseball match



Mount Fuji climbing



Baseball club activity



Participate in Marathon race in MAZDA

