

TDI TAIWAN DUCTILE IRON FACTORY CO.,LTD



Company Profile

TAIWAN DUCTILE IRON FACTORY CO., LTD was founded in 1986. The company specializes in ferrous metals: gray iron, ductile iron, and alloy cast iron. Today we offer our customers the highest quality castings, not only in the as cast condition, but also with a full range of value added operations. These operations include heat treating, rough and finish machining, drilling, and tapping.

TDI has helped our customers build the backbone of civilization by providing casting for many of the products they are famous for throughout the world.

Main Features

Name	Taiwan Ductile Iron Factory Co., Ltd .
Address	No.7 Kuang-FU S.Rd,Hu-Kou Hsiang,Hsin-Chu Hsien,Taiwan,R.O.C. TEL:886-3-5981673 ,886-3-5985076 FAX:886-3-5985077 E-MAIL: tdi.cast@msa.hinet.net
Established	Jun, 1986.
Capital	NT\$24,000,000. -
Factory Area	20737 Square feet
Building Area	14500 Square feet
Employee	30
Capacity	150 Ton/month
Material	Gray iron. ASTM A48 Class No.25, 30,35,40,45,50.

Ductile iron. ASTM A536, 60-40-18,65-45-12,80-55-06,100-70-03
Alloy cast iron, ASTM A439, D-2, D-3

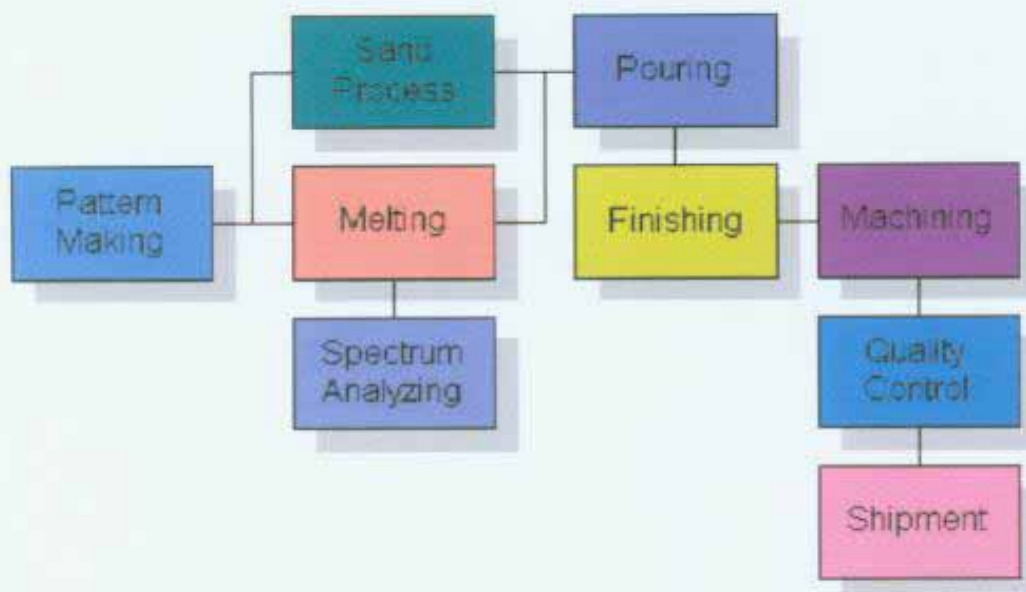
Products

1,Parts For Automobiles.2, Parts For Valves&Pumps.3, Parts For Electric Equipment.4, Parts For Pip Fitting.5, Parts For Machines

Main Equipment

- 1.High Frequency Induction Furnace:1 Set,2 Furnace,300kg/360kw.
- 2.F2-A Molding machine: 7 Set.
- 3.Green Sand Treatment & Mixer: 1 Set.
- 4.Apron Type Shot Blasting Machine: 1 Set.
- 5.Shot Tumbler Machine:1 Set.

Manufacture



We are a casting foundry dedicated to quality and service. We pour ductile, gray, and alloy cast iron castings in all grades and classes to ASTM specifications. Castings range from 1 ounce to 500 pounds.

Melting

Our melting equipment consists of one set high-frequency induction furnace which enable us to pour in excess of 7.5 tons per day.



Molding



Molding facilities include green sand mixer and squeezer. Molds are made using green sands.

Laminated Shell Mold



Shell molding process offers better surface finish, better dimensional tolerance, and higher throughput due to reduced cycle time. A good surface finish and good size tolerance reduce the need for machining.

Quality Assurance

The company provides a perfect working environment, and all the hardware and software needed for production. It brought in precision instrument and equipment, and cultivated specialized engineers and technicians.

Metallographic Analysis



Thermal Analysis



Each melting gray and ductile iron poured at TDI is analyzed thermally before and after tapping out. Thermal tests taken include temperature, carbon equivalent, percent carbon and percent silicon.

Hardness Tester



Universal Tensile Strength Test Machine



Productions:



Automobile parts



Parts for electric equipment



Parts for motorbike



Parts for valve & pumps



Parts for machinery



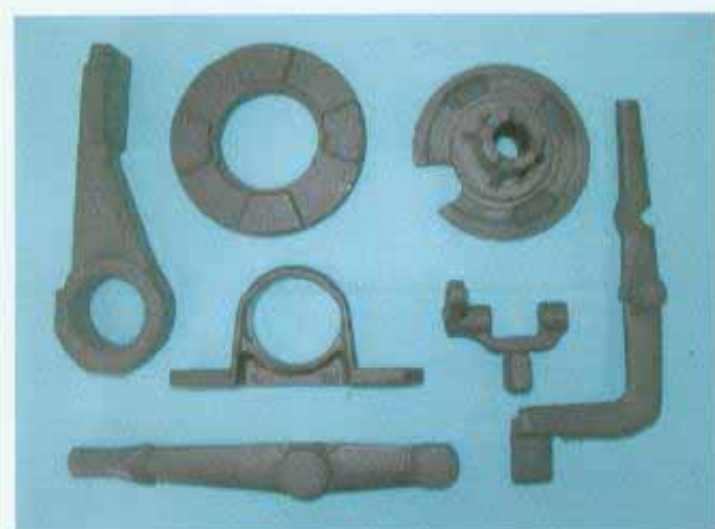
Parts for crochet machine



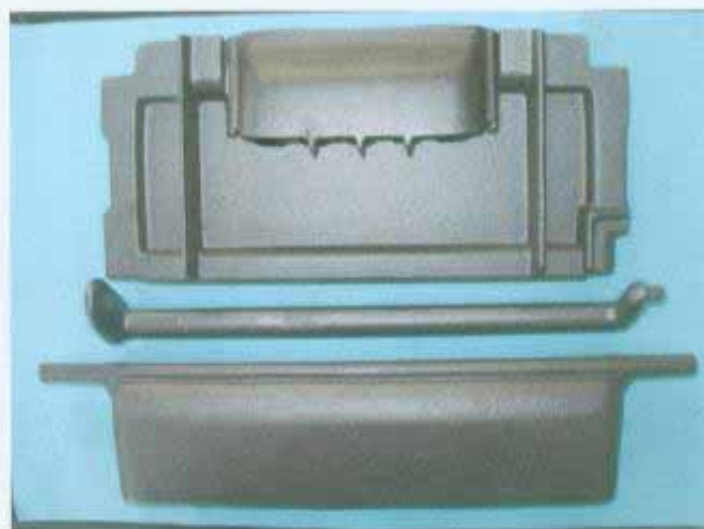
Brake parts



Parts of machine



Parts of machine



Parts of grate



Pump



Parts for braking pump