Cast Iron Price Calculator

This calculator can be used to evaluate the casting prices for gray iron and ductile iron products, including machining costs, painting and packing costs, and production pattern costs.

For the simpler price evaluation, please refer to our "Cast Iron Prices Per Pound, Kilogram"

[Please input or select the following items, to describe the iron casting parts:]

1. **Material Grade:**
   - No Requirement to Cast Iron Material Grade
     - Select if you do not know the material grade.
   - Gray Iron ASTM A48 Class 20, Class25, Class30 (Grey Iron DIN GG10, GG15, GG20)
     - Select if your parts only require normal material grades.
   - Gray Iron ASTM A48 Class 35 (Grey Iron GG25)
     - Select if your parts require comparatively high tensile strength, or normal parts for tractors, trucks.
     - Select if your parts require high tensile strength, such as parts for tractor, trucks.
   - Ductile Iron ASTM A536 70-50-05 (S.G. Iron DIN GG50)
     - Select if your parts require higher tensile strength, such as key parts.
   - Ductile Iron ASTM A536 80-55-06, 80-60-03 (S.G. Iron DIN GG60)
     - Select if your parts require very high tensile strength, such as main brackets.

2. **Casting Weight (kg/piece):**
   - Raw Casting Weight before Machining
     - Input the unit weight of casting part, and select what we received it.
   - Finished Part Weight after Machining
     - The unit weight denotation on the drawings of rough castings will be "Raw Casting Weight before Machining".
     - The unit weight denotation on the machining drawings will be "Finished Part Weight after Machining".

3. **Complexity of Castings:**
   - Very Simple [simple shapes, no inside cavity]
   - Normal [normal shape, simple inside structures]
   - Complex [complex outer shapes and inside structures]
4. Selection of Casting Process:  
- No Requirement to Production Process
- Green Sand Casting Process - Manual or Automatic Molding
- Resin Sand Casting Process - only suitable for middle and large iron castings
- Shell Molding Casting Process - suitable for small and medium castings

[If you have known the suitable casting process, please select]

5. Machining Description:  
- No Machining, or Only Need Raw Castings
- Simple Machining, or Only Need Rough Machining
- Normal Machining, but no need CNC centers
- Complex Machining, or Need High Precision Machining
- Very Complex Machining, or lots of machining works

[Please choose the machining level by your judgment, this is for estimation of machining cost]

6. Surface Painting and Coating:  
- No Need Painting or only use common anti-rust oil
- Primer Painting for Anti-Rust during sea delivery
- Finish Painting, Gloss or Matte
- Powder Coating
- Electro Galvanizing, Cold Zinc Plating
- Hot Dip Galvanizing (HDG)
- Heat Resistance Paint
- Electrophoretic Coating

7. Packing and Delivery to Local Seaport:  
- No Need Packing or Delivery
- Need Fumigation-Free Packing, but No Need Delivery
- Need Fumigation-Free Packing, and Delivery to local seaport

After completion of above description, please click **Price Calculation**

[The calculation is based on the price index = 7.82 and exchange rate USD to RMB = 6.07]

[The calculation may need you to allow the IE operation of Java Script! Otherwise, it may not work.]

The followings are the prices for your casting products:
1. Raw Casting Cost (USD/PCS): 

2. Machining Cost (USD/PCS): 

3. Paint Coating Cost (USD/PCS): 

4. Packing and Delivery (USD/PCS): 

5. Total Price (USD/PCS): 

The price results are only based on our experience and normal circumstances, it could be a reference for your price but can not be taken as our official quotation. The accurate prices should be quoted after checking the detailed drawings.

We are improving this calculator to calculate the casting prices more accurate, and enable calculation for other costs like painting, packing and pattern costs. If you have good advice or any question, please feel free to...