

The forecast consumption of 34,000 tons of carbon and low alloy steel castings in 1983 may be optimistic, but does relate to the current economic conditions. Considering the excessive number of variables affecting this industry, growth projections through 1985 are forecast to be from flat to 5%.

Typical steel castings are as follows:

	<u>Parts</u>	<u>Weight Range (Pounds)</u>
Drilling -	Pin Supports	180 to 210
	Sheave Guards and Plates	40 to 50
	Block Hook Adapters	320 to 380
	Swivel Housings	220 to 360
	Swivel Goosenecks	50 to 75
Tables -	Turntables	500 to 1,000
	Bases	2,000 to 5,000
	Housings	50 to 200
Drives -	Sprockets	80 to 100
	Bearing Housings	100 to 200

#### Engines and Turbines (8th Largest Steel Castings Market)

This field is forecast as flat to declining through 1985 and is affected by new utility installations or modification and upgrading of existing facilities. In the manufacture of large engines for power generation, the castings are primarily iron. Steel castings are used for turbine housings, impellers, and various generator parts such as bases and housings.

Carbon steel castings for this market are continuing to be affected by foreign competition and, in conjunction with the declining industry outlook and declining utility purchases, has resulted in the closing of a major manufacturer's captive foundry.

The demand/supply situation in this classification is affected greatly by imports. If the U.S. dollar devaluates 10% to 15% against the yen and other currencies, imports should decrease and supply shortages could occur.

#### Special Industry Machinery (9th Largest Steel Castings Market)

The total consumption of steel castings in this market is significant at a projected level of approximately 19,000 tons in 1983. This volume includes corrosion resistant, heat resistant, manganese, and carbon and low alloy castings.

Unlike other major markets where major equipment manufacturers are easily identified, this market is highly fragmented and includes the manufacture of equipment for the food processing, packaging, textile, paper, chemical, tobacco, glass bottle, rubber, foundry, ammunition, and plastics industries. Significant consumers of steel castings for these markets have not been identified in the six-state region considered in this report. Many of the manufacturers of this equipment, however, are known to have relocated from the New England, Atlantic Coast, and Midwest regions to the South Central and Southeastern states.