



This area manufactures forged units. It has highly qualified personnel that give us an ample experience in selecting and handling the appropriate materials required for each part. TF is leader in offering to our customers an integrated service enabling us to provide complete assemblies. Nowadays we are serving the industry with a wide range of products aimed to the following markets: Agricultural, Fluid Handling, Mining, Excavation and Automotive.

TF's quality is guaranteed by the professional skill of its people, by modern facilities and specialized process laboratories. All its manufacturing processes are strictly supervised and controlled to assure product excellence and optimal operation of the automated technology. Several laboratories at TF perform different quality control functions. The metallographic lab is used to supervise materials and treatments, and a computerized lab for analyzing physical and chemical properties. All these help to assure a consistent delivery of excellent products and services.

## FORGE





# FORGE PRODUCTS

The area has the following equipment:

## ▲ CLOSED DIE FORGING

HAMMER	BRAND	PRESSURE (POUNDS)	MAX WORKABLE WEIGHT.(lb)	PRODUCT PER SHIFT
1	Banning	1000	4	800
2	Banning	2000	16	800
3	Banning	3000	20	300
4	Zygmunt	6000	40	160
5	Banning	8000	100	100

PRESS	BRAND	PRESSURE (TONS)	MAX WORKABLE WEIGHT.(lb)	PRODUCT PER SHIFT
1	National	750	10	640
2	National	750	10	640
3	National	2000	60	360
4	Ajax	2500	76	360

## ▲ CAPACITY

Capacity of air-gas furnaces for heating the material to be forged:

FURNACE	CAPACITY per shift. (tons)
1	1.5
2	2
3	2.5
4	3

## ▲ HEAT TREATMENT

All heat treatment are done in house, gas fired, recirculating batch type furnaces processes include normalizing and stress relief.

FURNACE	CAPACITY
1	20.Tons/ 30.Hrs

## ▲ Forge Products

In our forging shop we produced forged products from standard and alloy steel.

## ▲ Finishing Area

All our forging are properly cleaned and finished in our finished product area , which are equipped with: 1 Pellet Blaster room with capacity of 14 Ft.

## ▲ Additional Services:

- Machining
- Foundry

## ▲ Our strength

The combination of ample knowledgement high engineering, automized and integrated processes, quality incuroment and professional human resources has given TF a unique advantage in the metal-mechanical industry.Parting from this combination allows TF to offer the following advantages to the market.

- Excellent prices
- Products cycle time improvement
- Unsurpassable flexibility
- Manufacture, rework and maintenance of patterns and dies.
- High Sense of urgency
- Minimum developing time on customers new products.
- Highly qualified and specialized custom broker.

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