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R O U M A N I A

MALAXA - BUCHAREST and TOHAN.

- Note:
1. The attached report was written by the Malaxa management for the Ministry of Industry and Commerce.
 2. Although many of the details given therein are undoubtedly accurate and therefore of value it is probable that the object of the report was to boost the Malaxa concern in the eyes of the Ministry, since *Malaxa* have recently been very worried as result of a falling-off in orders both from the Roumanian Government and from the Russians.
 3. The name of the Malaxa factories has now been changed to "UZINELE" 23 AUGUST (FORMERLY MALAXA).

Malaxa

formerly

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Source: Reliable.

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28 September 1948

Rumania

The Malaxa Factories

England, London

OF INFO August 1948

Through a fairly reliable source who received the information from an unstated informant.

1. Attached herewith for your information is a document concerning the Malaxa factories.
2. It is requested that this document be returned to this office by 25 October 1948.

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Malaxa - Bucharest and Tohan

Following the rapid development of the Malaxa company, and due in particular to the special type of orders carried out in the last few years prior to the war, the part of the more recently constructed plant was not erected in Bucharest - the initial nucleus of this large industrial group - but in an area further away and protected from possible air attacks.

Thus, there now exist two separate groups of factories as follows:-

The first group, Bucuresti - Titan, comprising the factories and administrative offices of the companies:

M. Malaxa S.A.R. Fabrica de Locomotive
si Masini

M. Malaxa Uzinele de Tuburi si Otolarii

S.A.R. (Societate Anonima
Romana)

The second group, at Tohan, consisting of:

Societati M. Malaxa Fabrica din Tohanul-

Vechiu S.A.R. (Societate

Anonima
Romana)

The Bucuresti - Titan group of Malaxa factories is

situated on the eastern outskirts of Bucharest about 9 km. from the head office of the company at Boulevarda Bratianu No. 3Ca, and at about 4 km from Bariera Vergului.

This group of factories covers an area of over 63 hectares, on which are situated numerous workshops and administrative offices of the most modern type; the latter cover an area of about 20 hectares.

The factories have their own drainage system, water supply, compressed air, and to some extent electricity; they have a large storage capacity for liquid fuel, their own reservoirs (holding about 3,500 tons) being directly connected to the main Bucharest - Ploesti pipeline.

The factories possess numerous small gauge railway lines, turn tables and cranes and a large quantity of vehicles, comprising, inter alia, diesel locomotives for shunting, wheeled and tracked heavy tractors, special tractors, electric cars, etc.

A. Bucaresti-Titan Group.

Method of Manufacture.

With the existing technical equipment comprising about 1,500 machine tools, casting plant, a Stieffel 6" rolling machine with all its accessories, etc. etc., the Bucaresti-Titan factories are able to manufacture the following principal products.

- The whole range of heavy material for the State Railways. (Steam locomotives of various types, diesel locomotives, tank and goods waggons, and repairs to locomotives and waggons).
- All types of steel tubular products. (Tubes for the petroleum industry, for boilers and locomotives, for gas and water installations, and any kind of tubes for construction or any other special purpose.
- Plant for supply, distribution, and cindry railway requirements.
- Thermal and industrial installations, boilers of all types and petroleum production apparatus.
- Diesel engines (Cams, Solinder, etc.)
- Various types of pumps: Duplex, Simplex, Alvoiler, etc.
- Various types of valves 1 - 10".
- Concrete mixers, compressors, etc.
- All types of tools.
- Rings forged, stamped, or cast pieces.
- A whole range of ferrous alloys, etc.

By the construction of a Siemens-Martin oven with a capacity of 6 tons of liquid steel, with its additional equipment such as mixers, furnace machine, dry ovens, nonheals,

...the

On the other hand, by modifying the 6" rolls and the 2" tube factory, Salaza can now roll tubes up to 7" and the factory can now produce the whole range of tubes from 4 mm. outside diameter up to 178 mm. outside diameter

Production Capacity

The total production capacity of the factories depends on the type of products required and this varies from year to year. Generally speaking the present annual production capacity of the Bucuresti-Titan group of factories may be said to be as follows:

- New locomotives	36 - 60 pieces
- Drawn tubular products	36,000 - 40,000 tons
- New Automotors (4 axle)	19 - 24 pieces
- New Diesel Locomotives	20 pieces
- New Goods waggons	500 - 550 pieces
- Repaired Locomotives	80 - 120 pieces
- Repaired automotors	60 - 80 pieces
- Waggon Brain sets	6,000 sets
- Various diesel motors	50 pieces
- Cylinder motors	60 pieces
- Simplex pumps, 50 cu.m.	60 pieces
- Duplex pumps, 315 cu.m.	24 pieces
- Horizontal Boilers, 25-120 sq.m.	72 - 80 pieces
- Wagonny trailers	60 pieces
- Forged pieces	0,500 tons
- Cast steel, cast iron, and non-ferrous pieces	12,000 tons

In order to assure uninterrupted manufacture of the group of factories it is necessary to maintain a per-

stock of about 20,000 tons of raw and semi-manufactured material and another 20,000 tons of steel billets for the tube factory. These can be stored in the many permanent store houses, which cover an area of about 10,000 sq.m., and also in various subsidiary store houses erected between the workshops over a total area of about 40,000 sq.m.

Production Progress

Following the historic events of the 23rd August 1944, and after the return of the plant and machines from their various dispersal points, a rapid and continual recovery in production has taken place. This is shown by the following figures:

Locomotive and Machine factory

- 1944. Daily average was 6,500 productive hours.
- 1945 " " " 14,600 " "
- 1946 " " " 14,800 " "
- 1947 " " " 22,600 " "
- Jan. 1948 " " " 25,400 " "
- Feb. 1948 " " " 27,100 " "
- Mar. 1948 " " " 28,600 " "

Tube and Steel factory

	<u>Monthly averages</u>		<u>March</u>	<u>April</u>
	1939-40	1947	1948	1948
Rolled products	1,189	2,706	3,060	3,246 tons
Finished tubes	935	2,132	2,654	4,036 "

B. Tchea Group

The Tchea factories are situated about 25 km. from Brasov, on the State Railway line between Brasov and Harnesti. They cover an area of 220 hectares out of which about 20,000 sq.m. are built on.

The factories are supplied with methane gas, and have their own electric supply.

This group of factories was originally intended to serve as a leading location for materials manufactured at the

...ment of ... However, when the factories went back to peacetime production in 1946, the existing machine tools were re-grouped and new investments made.

Following this radical change in the manufacturing programme the factories now produce the following articles of general utility.

Products for the Petroleum Industry

Canadian pumps	50 pieces per month
Miners	1,500 pieces per month
Pistons	250 pieces per month
Tool joints	200 pairs per month
Rotary chains	600 m. per month

Products for the State Railways

Repaired Waggons	50 - 40 pieces per month
New goods waggons	6 pieces per month

Sundry Products

Iron Bedsteads	500 pieces per month
Enamelled kitchen utensils	10 tons per month
Vulcan pliers	100 pieces per month
Forged steel balls	40 pieces per month
Cast iron pieces	35 tons per month

etc. etc.

Preparations are being made to produce other articles in great demand on the home market.

Taking as a basis the production for the first half of 1947, when preparations for these new types of manufactures were completed, production has progressed as follows:

First half 1947	100
Second half 1947	180
First quarter 1948	283
April 1948	285

31 May 48

28 Sep 48

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