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CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

COUNTRY USSR

DATE DISTR. 14 FEB 52 50X1

SUBJECT Domestic and Foreign Built Rolling Mills in the USSR

NO. OF PAGES 4

PLACE ACQUIRED

NO. OF ENCLS. (LISTED BELOW)

DATE ACQUIRED

SUPPLEMENT TO REPORT NO. 50X1

DATE OF INFO

50X1

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THIS IS UNEVALUATED INFORMATION

1. Below is a list of rolling mills in the USSR 50X1

- Dzerzhinsky Blooming Mill, about 1150 mm
- Krivorozhsky Blooming Mill, about 1150 mm
- Novo-Tagilsky Blooming Mill, about 1150 mm
- Magnitogorsky Blooming Mill
- Kuznetsky Blooming Mill
- Slabbing Zaporozhstali, about 1100 mm
- Continuous Thin-Sheet Rolling Mill, Zaporozhstali
- Rail-Structural Rolling Mill, Novo-Tagliskogo Zavoda
- Blooming Mill, about 1150 mm, Novo-Tagilskogo Metallurgicheskogo Zavoda
- Tin Plate Rolling Mill, Novo-Moskovskogo Zavoda
- Tube Rolling Mill, Mariupolskogo Metallurgicheskogo Zavoda
- Tube Rolling Mill, Taganrogszkogo Trubnogo (Tube) Zavoda
- Tube Rolling Mill Zavoda, former imeni Petrovskogo in Dnepropetrovsk
- Zakavkazsky Blooming Mill, about 1000 mm
- Bakinsky Blooming Mill, about 1000 mm
- Orsky Blooming Mill, about 1000 mm

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FORM NO. 51-40
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Chelyabinsky Blooming Mill, about 1000 mm
 Uzbeksky Blooming Mill, about 1000 mm
 Blooming Mill, Izhorskogo Zavoda
 Rail-Structural Rolling Mill of Metallurgical Plant in Stalino
 Medium-Section Rolling Mill of Electrostal Plant
 Small-Section Rolling Mill of Electrostal Plant
 Medium-Section Rolling Mill of "Serp i Molot" Plant in Moscow
 Small-Section Rolling Mill of "Serp i Molot" Plant in Moscow
 Small-Section Rolling Mill of "Zavoda imeni Kuibysheva" in Kramatorsk
 Rod-Rolling Mill of "Zavoda imeni Kuibysheva" in Kramatorsk
 Rail-Structural Rolling Mill of Azovstal Plant (Has not been finished)
 Continuous-Strip Rolling Mill (was manufactured by N K M Z)
 Tube Rolling Mill "Shtifel"-type (Zs K B M M project)= three mills
 "Amurstal" Plant, including Tin Plate Rolling Mill and Sheet Rolling Mill
 Mill (three-high ?) for rolling non-ferrous metals of # 257 (?) Plant in Orsk
 Rolling Mill Mesta (USA) of Novosibirsk Plant
 Blooming Mill made in USA - Mariupol Harbor (sic)
 Mill for rolling watch coil steel
 Cold Tube Rolling Mill
 Experimental Mill Zs K B M M for rolling balls, bullets etc
 Experimental Mill for rolling pinions
 Three-High Rolling Mill, about 800 mm, of Elezsky Metallurgical Plant
 Metallurgical Plant "Krasny Oktyabr" in Stalingrad
 Alma-Atinsky Blooming Mill, about 1000 mm

2. Below is a list of all rolling mills built in the USSR since 1930 which are [redacted] with place and date of manufacture, production capacity in tons per year, and place of installation.

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<u>Name of Rolling Mill</u>	<u>Place of Mfg</u>	<u>Date of Mfg</u>	<u>Production Capacity- tons per yr</u>	<u>Place of Installation</u>
Dzerzhinsky Blooming Mill, about 1150 mm	Izhorsky	1932	1,300,000 (approx)	Dzerzhinsky Zavod(?)
Krivorozhsky Blooming Mill, about 1150 mm	S K M Z	1934	1,300,000 (approx)	Novo-Tagilsky Metallurgichesky Zavod
Slabing Zaporozhstali about 1100 mm	N K M Z	1937	1,300,000 (approx)	Zaporzhstal
Blooming Mill, about 900 mm (This is the blooming roll of the Rail-Structural Mill in the Azovstal Plant)	N K M Z	1940 (approx)	800,000 (approx)	Novo-Tagilsky Metallurgichesky Zavod

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<u>Name of Rolling Mill</u>	<u>Place of Mfg</u>	<u>Date of Mfg</u>	<u>Production Capacity- tons per yr</u>	<u>Place of Installation</u>
Blooming Mill, about 1000 mm, Zakavkazsky	Plants of Ministry of Heavy Machine-Building	1948 (approx)	900,000 (approx)	Near Tbilisi
Blooming Mill, about 1000 mm, Chelyabinsky	"	1948 (approx)	900,000 (approx)	Near Chelyabinsk
Blooming Mill, about 1000 mm, Orsk	"	1949 (approx)	900,000 (approx)	Near Orsk
Blooming Mill, about 1000 mm, Bakinsky	"	1950 (approx)	900,000 (approx)	Near Baku
Blooming Mill, about 1000 mm, Uzbeksky	"	Unknown	900,000 (approx)	Unknown
Blooming Mill, about 1000 mm, Alma-Atinsky	"	Unknown	900,000 (approx)	Unknown
"Shtifel" Tube-Rolling Mill " projected and designed by Zs K B M M in 1947 - consists of three mills		Unknown	Unknown	Up to the present time at least one of the mills must have begun to operate. Place of installation is unknown.
Mill for rolling watch coil steel - projected and designed by Zs K B M M in 1946 - consists of three mills	S K M Z	Unknown	Unknown	Up to the present time at least one of the mills must have begun to operate - Place of installation is unknown
Cold Tube-rolling Mill US or Swedish drawings were used by Zs K B M M in 1945 - consists of two or three mills	S K M Z	Unknown	Unknown	Up to the present time at least one of the mills must have begun to operate - Place of installation is unknown
Experimental Mill for rolling profiles of changeable cross sections. Project was made under the direction of Prof Zselikov in about 1944	Zs N I I T M A Sh workshops and co-operative	Unknown	Unknown	Was working in 1946 producing some experimental objects. Installed in the Rolling Mill Laboratory of Zs K B M M.
Experimental Mill for rolling pinions projected in 1947 by Zs K B M M	Zs N I I T M A Sh workshops and co-operative	Unknown	Unknown	Up to the present time it must have begun to operate. Was installed in Rolling Mill Laboratory of Zs K B M M

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<u>Name of Rolling Mill</u>	<u>Place of Mfg</u>	<u>Date of Mfg</u>	<u>Production Capacity- tons per yr</u>	<u>Place of Installation</u>
Novomoskovsky Tin Plate Rolling Mill	N K M Z	Unknown	Unknown	Up to the present time it must have begun to operate- Place of in- stallation is un- known
Note: Productive capacity per year of the first three items may be con- sidered a bit higher than shown here				
Elezsky Metallurgichesky Zavod, Three-High Rolling Mill about 800 mm	- -	Unknown	Unknown	Reconstructed. Started to oper- ate in 1946 in Metallurgical Plant in Eletszk
Izhorsky Blooming Mill	Unknown	Unknown	Unknown	Izhorsky Zavod (Kolpino?)

3. The following is a list of all foreign built rolling mills in the USSR which [redacted] listing the firm-contractor, year of delivery, production capa- city in tons per year, and location of the mill. 50X1

<u>Name of Rolling Mill</u>	<u>Firm- Contractor</u>	<u>Date of Delivery</u>	<u>Production Capacity- tons per yr</u>	<u>Location of Mill</u>
Continuous Thin-Sheet Rolling Mill in Zaporozhstal	United En- gineering and Foundry Co	1936 (approx)	- - -	Zaporozhstal Plant in Zaporozhe
Magnitogorsky Blooming Mill - approximately 1150 mm - 1200 mm	Sack or Schleumann (?)	- - -	1,600,000 (approx)	Metallurgical Plant in Mag- nitogorsk
Kuznetsky Blooming Mill-approximately 1150-1200 mm	"	- - -	1,600,000 (approx)	Metallurgical Plant in Kuznetsk
Rail-Structural Rolling Mill, Kuznetskogo Zavoda	"	- - -	Unknown	Metal lurgical Plant in Kuznetsk
Rail-Structural Rolling Mill, Magnitogorskogo Zavoda	"	- - -	Unknown	Metal lurgical Plant in Mag- nitogorsk
Mill for rolling non- ferrous metals (three high?) Note: This mill was received by engineer I.I. Kushnir in about 1939 and was installed in Orsk in 1941	USA	- - -	Unknown	Plant #257 (?) in Orsk
Rolling Mill which was in the process of being installed at the end of 1941 and the first half of 1942	Mesta	- - -	Unknown	Near Novosibirsk
[redacted]		- - -	Unknown	Unknown

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