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SUBJECT Domestic and Foreign Built Rolling Mills in the USSR

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THIS IS UNEVALUATED INFORMATION

1. Below is a list of rolling mills in the USSR [redacted]

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-Tagil'skogo Zavoda

Blooming Mill, about 1150 mm, Novo-Tagil'skogo Metallurgicheskogo Zavoda

Tin Plate Rolling Mill, Novo-Moskovskogo Zavoda

Tube Rolling Mill, Mariupolskogo Metallurgicheskogo Zavoda

Tube Rolling Mill, Taganrogskogo 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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STATE	<input checked="" type="checkbox"/>	NAVY	<input checked="" type="checkbox"/>	DISTRIBUTION					
ARMY	<input checked="" type="checkbox"/>	AIR	<input checked="" type="checkbox"/>	ORR	EU	REC	X	FBI	X

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-2-

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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 F 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 [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
Slabbing Zaporozhstal about 1200 mm	F K M Z	1937	1,300,000 (approx)	Zaporozhstal
Blooming Mill, about 900 mm (This is the blooming roll of the Rail-Structural Mill in the Azovstal Plant)	F K M Z	1940 (approx)	800,000 (approx)	Novo-Tagilsky Metallurgichesky Zavod

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-3-

<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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-4-

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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 installation is unknown
<u>Note:</u> Productive capacity per year of the first three items may be considered a bit higher than shown here				
Eletsy Metallurgichesky Zavod, Three-High Rolling Mill about 800 mm	--	Unknown	Unknown	Reconstructed. Started to operate 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 are known to us, listing the firm-contractor, year of delivery, production capacity in tons per year, and location of the mill.

<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 Engineering 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 Magnitogorsk
Kuznetsky Blooming Mill - approximately 1150-1200 mm	"	---	1,600,000 (approx)	Metallurgical Plant in Kuznetsk
Rail-Structural Rolling Mill, Kuznotskogo Zavoda	"	---	Unknown	Metallurgical Plant in Kuznetsk
Rail-Structural Rolling Mill, Magnitogorskogo Zavoda	"	---	Unknown	Metallurgical Plant in Magnitogorsk
Mill for rolling non-ferrous metals (three high?) <u>Note:</u> 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 Mesta the process of being installed at the end of 1941 and the first half of 1942		---	Unknown	Near Novosibirsk
There was a Blooming Mill in Mariupol Harbor in 1946 which had a Farwall lubricating system	USA	---	Unknown	Unknown

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