

JAPANESE FILES RESEARCH PROJECT

DEPARTMENT OF JUSTICE
WAR DIVISION
ECONOMIC WARFARE SECTION

AND

FOREIGN ECONOMIC ADMINISTRATION
ECONOMIC INTELLIGENCE DIVISION

REPORT ON

NIPPON SHARYO SEIZO KK
(JAPAN ROLLING STOCK MANUFACTURING CO.)

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Nippon Sharyo Seizo KK, which has factories in Japan, Korea and possibly Manchuria, is one of the three largest manufacturers of rolling stock for railways in Japan, the other two being Kisha Seizo Kaisha and Kawasaki Kaisha. (1) In the April 29, 1939 issue of the Oriental Economist, it was stated that Nippon Sharyo Seizo received orders from arsenals, the Railroad Ministry, the governments of Korea and Formosa, the Osaka Electric Bureau and most public and private railroad companies. (1) The Nippon Sharyo annual production figures as of November 1937 are given as follows: (2)

200 Locomotives
200 Gasoline Cars
2500 15 ton Freight Cars
700 Passenger Cars

Nippon Sharyo Seizo was one of the enterprises involved in the Japanese Government Railroads four year plan to expand production of rolling stock so that by 1939, 120 million yen worth of rolling stock would be produced. The capitalization of Nippon Sharyo was doubled in 1938 to reach the figure of 20 million yen. (1)

The following addresses of establishments of Nippon Sharyo are given for 1940: (1)

1. The Ushimaki factory at Nagoya: Ushimaki cho 1 chome 53
2. The Warabi factory in Saitama prefecture; Kita Adachi gun Shiba mura (adjacent to the Warabi station)
3. The Narumi factory in Aichi prefecture: Aichi gun Narumi
4. Tokyo
5. Jinsen in Korea

In addition, the Japanese trading company files upon which this report is based, clearly reveal the plans for an additional factory in Manchuria for which several inquiries for American Machine Tools were made after 1938. Okura Inquiry #22894 file contains a letter from Okura, New York to Andrews & George, New York dated March 5, 1938 which reads:

"Kindly be advised that Nippon Sharyo Co., one of the locomotive and car makers located in Nagoya, are intending to install a factory in Manchukuo in the near future."

This report is based upon an examination of the seized files of the Japanese trading companies, Mitsubishi Shoji Kaisha, Mitsui & Co., Okura & Co., and Ataka & Co., which are held by the Alien Property Custodian in a warehouse at 27 Cliff St., New York City. These files examined back to the beginning of 1937 show that \$25,118.31 worth of American made equipment was shipped to Nippon Sharyo's various plants.

A tabulation of orders and inquiries placed with American manufacturers by Nippon Sharyo follows. Wherever possible, the particular plant concerned with the order or inquiry is noted in the tabulations. Most of the orders are for used or rebuilt American machine tools. An explanation for this policy appears in an Okura, Osaka to New York letter of May 2, 1938 (Okura Order #11740):

"Nihon Sharyo KK are now investigating the enlargement of their productive capacity. However the machine tools which they want to purchase cannot be supplied by Japanese makers within such easy delivery time as American Rebuilder, Lucas & Son. Such being the case, our client is wishing to buy the rebuilt ones in the point of early delivery, and in the next place, they have much interest in the cheaper price of rebuilt machines in comparison with the Japanese new make."

Footnotes

- (1) As reported by John Williams, OEW, in "A Directory of Certain Japanese Industrial Companies", August, 1943.
- (2) Ibid., from Kabushiki Kaisha Nenkan (Corporations Year Book,) October, 1940.

N. Y. #291

Mitsubishi Orders.

Order Number	Date	Manufacturer	No.	Product	Price
7467	2/23/37	Eastern Machinery (through Okura)	1	Rebuilt #2A Warner & Swasey Universal turret lathe arranged for chucking work	\$2,040.00
8387	8/8/38	Ingersoll	11	Sets spare HSS helical blades for milling cutters	1,312.50

Mitsui Orders.

TO 3564 EO 2004 (for Tokyo)	3/20/37	Independent Pneumatic Tool	1	Pneumatic chipping hammer	32.00
TO 25 EO 2828 (for Manchuria)	3/31/38	General Motors	9	Hyatt steel roller bearings #W-214	133.00

Okura Orders.

11734	8/9/38	Niles-Bement-Pond (through Mitsubishi)	1	Used 100" x 78" x 20" Double head driving wheel lathe	14,000.00
11740 (for Manchuria)	8/16/38	Simmons Machine Tool	1	Rebuilt #3 Barrett horizontal cylinder boring machine	3,200.72
11793 (for Nagoya)	11/9/38	Niles-Bement-Pond	1	Rebuilt 51" Vertical boring and turning mill	4,400.00

Mitsui Inquiries.

503 (for Nagoya) 2/2/38	44 360	Axles for light passenger car Axles for freight car
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This inquiry addressed to the Standard Forging Co. of Chicago was changed a few days later to read 16 axles and 412 axles respectively. (Cont'd)

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Inquiry
Number

503
(cont'd)

However on Sept. 12, 1938 Mitsui, Tokyo wrote that "despite every effort for getting an import license from the Chosen government, it has ended without result and recently the customer has reluctantly placed order with Sumitomo Kinzoku Kogyo KK on unfavorable terms".

Meanwhile Standard Forging Co. had completed the manufacture of 428 pieces of axles which as they wrote to Mitsui, New York on July 25, 1940 "cannot possibly be used for anything in this country".

On February 10, 1941 Mitsui, New York offered these axles to the North China Railroad (letter of 2/10/41 from Mitsui, New York to Scott Donahue, 420 Lexington Ave., New York City) for \$7,000. This offer was accepted but export permission was refused by American authorities. The application for export license submitted to U. S. officials gave as the destination for these axles, the "Nihon Sharyo Seizo Electric Railway in Japan".

MF 3632	2	Sellers Type K Planers 48" x 40'
(for Manchuria)	2	" 72" x 12' Type OK Planers
2/3/38	1	" 25' Plate Edge Planer

Okura Inquiries.

22894
2/4/38

The letter from Okura, New York to Andrews & George stated: "Kindly be advised that Nippon Sharyo Co., one of the locomotive and car makers located in Nagoya, are intending to install a factory in Manchukuo in the near future". Quotations were requested on: (Letter of 3/5/38)

1	Turret lathe #3A
3	" " #2A
4	Heavy duty lathes 42" x 14'
4	Gap lathes 42" x 14'
2	Frame planers 4' x 40'
1	Edge planer 25'
2	Openside planers 6' x 12'
1	Universal milling machine #3
1	" " " #4
1	Plain milling machine #4
1	Vertical " " #5

(cont'd)

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Inquiry
Number

22894	1	Universal Grinder - 6 ft. between center	
(cont'd)	1	Cylindrical " - 6 " " "	
	2	Horizontal boring machine (#5) with screw attachment	
	1	" " " (#3) " " "	
	1	" " " (#2) " " "	
	2	Vertical boring and Mining Mill - 84"	
	2	" " " " " - 68"	
	2	" " " " " - 50"	
	2	" " " " " - 40"	
22907.	2	42" x 96" Rebuilt Niles-Bement-Pond car wheel lathes	
(for Manchuria)			
3/8/38			
22977	300	Pcs. Forged steel axles	
(for Tokio)	50	" " " "	
4/15/38		(Quality: forged steel. Tensile strength 54-60 kg/mm ² Elongation 24% and up)	
Osaka Inquiry	1	Rebuilt 24" x 24" x 14" Bement planer miller	
#3090	1	" 42" x 42" x 14" " " "	
(for Manchuria)	1	" 84" Colburn heavy duty vertical boring mill	
4/28/38	1	" Niles-Bement-Pond 42" center drive car wheel lathe	
Tokio Inquiry		Mild steel round bars	911,620 Kgs.
#4785		" " square "	327,001 "
5/17/39		Steel billets	108,820 "
		" blooms	30,150 "
		" plates	538,922 "
		Mild steel boiler plates	290,518 "
		" " channels	168,209 "
		" " angles	58,912 "
		" " flat bars	3,900 "
		" " round bars	113,706 "
		" " square bars	145,998 "
			<u>2,697,756 "</u>

Item covering MS Boiler plates is for locomotives for the South Manchurian Railway.

23509	5	Vertical boring and turning mills	
(for Nagoya)		1 set with table diameter 84"	
2/8/40	2	" " " " 68"	
	2	" " " " 48"	

M-23672	1	42" Car wheel lathe	
(for Nagoya)	1	92" Driving wheel lathe	
5/15/40			

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Inquiry
Number

M-23718
(for Nagoya)
5/15/40

1	Universal driving wheel lathe, max. swing 92"
1	Car wheel lathe, max. swing 42"
1	Wheel press, max. pressure 250 to 300 tons
1	Vertical boring turning mill, 84" table dia.
2	" " " " 68" " "
2	" " " " 48" " "
1	Cylinder boring machine, 7" dia. bar.
2	Lathes, 42" swing, 14'-0" heavy type
2	" 36" " 14'-0" " "
1	" 16" " 20'-0" " "
1	" 16" " 16'-0"
4	" 16" " 14'-0"
10	" standard swing 12'-0"
12	" " " 10'-0"
15	" " " 8'-0" or 6'-0"
2	Turret lathes, bar dia. 4"
2	" " " " 3"
2	" " " " 2" - 1.1/2"
1	Threading machine, up to 1.1/2"
1	Nut facing machine up to 1.1/2"
2	Universal millers, No. 2
2	" " No. 3
1	Plano-miller, 28" x 14'-0"
2	Vertical millers, round table 42" dia.
1	" " " " 36" "
2	" " , with table 36" x 60"
1	Surface grinder, 1'-6" x 10'-0"
1	Universal grinder, between center 100"
1	Magnetic chuck grinder, table 750 m/m dia.=29.53 inches
1	Universal grinder, between center 3'-0"
1	Cylindrical grinder, with curved ring, R 2000 mm - 700 mm (R 78.74" - 27.56")
1	Cylindrical grinder without ring
1	Frame planer, table 4'-0" x 35'-0"
2	Openside planers, 6'-0" x 12'-0"
1	Planer 4'-0" x 14'-0"
2	Planers 5'-0" x 10'-0"
3	" 4'-0" x 8'-0"
3	" 3'-0" x 6'-0"
1	Frame slotter, 26" stroke, 45'-0" x 5'-0"
1	Slotter, 24" stroke
1	" 18" "
3	" 14" "
2	" 12" "
1	" 10" "

(cont'd)

N. Y. - #291

Inquiry
Number

M-23718
(cont'd)

1	Horizontal boring machine, No. 5
1	" " " No. 4
2	" " " No. 3
3	" " " No. 2
2	" " " No. 1
12	Shapers, from 20" to 24"
2	Radial drills 6'-0"
3	" " 5'-0" or 4'-6"
6	Upright drills, all gear type
5	Tool grinders, Electricity: 3 phase, 220 volt, 60 cycles