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ANALYSIS OF  
HYDRAULIC/PNEUMATIC JACKS

SEPTEMBER 1981 TO AUGUST 1982

Further information available from Import Analysis, Market  
Development Branch, Industry, Trade and Commerce and Regional  
Economic Expansion, Ottawa Canada, K1A 0H5 Tel: (613) 995-8216

Canada

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- REFERENCES:
- (1) Customs Tariff: Item 42700-1
  - (2) Canadian International Trade Classification (Cat. #65-502E, Statistics Canada)
  - (3) Imports by Commodities (Cat. #65-007, Statistics Canada) Commodity Codes 522-52, 589-35 and 730-69

SECTION I

SCOPE OF ANALYSIS

This report is based on a detailed analysis of imports of hydraulic jacks during the period September 1981 to August 1982. The following Statistics Canada Import Commodity Codes were surveyed:

- 522-52(20) Jacks, construction/maintenance, portable, power unit type
- 522-52(30) Jacks, hydraulic, industrial except automotive
- 522-52(90) Jacks, construction/maintenance, power, not elsewhere specified
- 589-35(20) Jacks, motor vehicle
- 730-69(53) Jacks, service station
- 730-69(89) Motor vehicle maintenance/service/repair equipment, not elsewhere specified

SECTION II

CANADIAN PRODUCTION

According to departmental sources bottle jacks and service jacks are not presently being manufactured in Canada. Although end lifts and transmission jacks are currently manufactured in Canada, Statistics Canada does not provide data on Canadian production or shipments.

SECTION III

ANALYSIS OF IMPORTS

Imports of hydraulic/pneumatic jacks reported on documents examined covering the period September 1981 to August 1982 amounted to a total value of \$4,501,321. Hydraulic service jacks accounted for \$2,121,778 or 47 per cent of the total value, followed by hydraulic bottle jacks accounting for \$1,891,911 or 42 per cent of the total value.

This analysis indicated that 59.4 per cent of the total value originated from Taiwan, followed by Japan with 19.4 per cent and the United States with 18.6 per cent.

Apparently 87 per cent of the analyzed shipments were in Statistics Canada terminology "arms-length transactions", i.e. shipments between non-affiliated firms.

Full details of the analysis are provided in the following table.

IMPORTS OF HYDRAULIC/PNEUMATIC JACKS

SEPTEMBER 1981 TO AUGUST 1982

<u>Type</u>	<u>Capacity</u> (Tons)	<u>Quantity</u> (No.)	<u>Value</u> (\\$)	<u>COUNTRY OF ORIGIN</u>				<u>REGION OF ENTRY</u>			<u>MARKET</u> <u>SHARES</u>
				<u>Japan</u> ( - % of Value - )	<u>Taiwan</u> ( - % of Value - )	<u>USA</u> ( - % of Value - )	<u>Other</u> ( - % of Value - )	<u>Quebec</u> ( - % of Value - )	<u>Ontario</u> ( - % of Value - )	<u>Other</u> ( - % of Value - )	<u>Top Three</u> <u>Importers</u> (% of Value)
Bottle, Hydraulic:											
	1-1/2	13,811	100,326	-	97	3	-	-	99	1	97
	2	24,414	124,277	4	94	*	2	2	82	17	93
	3	28,940	210,116	14	77	8	1	1	86	13	75
	4	19,546	131,612	5	95	*	-	*	86	13	93
	5	29,486	280,338	21	74	3	2	2	80	18	72
	6 & 7	22,938	203,787	-	99	1	-	1	94	6	99
	8	8,017	133,688	37	27	32	3	5	66	28	71
	12	14,671	289,382	36	49	11	3	6	61	34	74
	15 & 16	2,143	60,453	40	45	*	15	16	38	46	94
	20	6,740	238,511	57	24	9	10	12	60	28	75
	30 & 35	128	15,685	26	*	56	18	18	62	20	86
	50, 75 & 100	96	21,340	31	*	54	15	15	63	22	83
	Not Known	2,925	82,396	78	-	20	2	2	14	84	97
		173,855	1,891,911	26	62	9	3	4	73	23	
Bottle, Pneumatic	1-1/2, 2, 7-1/2 & 20	104	18,593	-	-	100	-	36	56	8	92
End Lifts, Hydraulic and Pneumatic:	1-1/2, 1-3/4 & 2	81	35,256	-	-	100	-	15	85	-	100
	2-1/2, 2-3/4 & 3	32	19,093	-	-	100	-	18	79	3	97
	3-1/2, 5 & 5-1/2	46	36,823	-	-	100	-	67	24	9	89
		159	91,172	-	-	100	-	37	59	4	

IMPORTS OF HYDRAULIC/PNEUMATIC JACKS (Continued)

SEPTEMBER 1981 TO AUGUST 1982

Type	Capacity (Tons)	Quantity (No.)	Value (\$)	COUNTRY OF ORIGIN				REGION OF ENTRY			MARKET SHARES Top Three Importers (% of Value)
				Japan ( - % of Value	Taiwan ( - % of Value	USA ( - % of Value	Other ( - % of Value	Quebec ( - % of Value	Ontario ( - % of Value	Other ( - % of Value	
Service, Hydraulic:	1-1/4	58	6,872	-	-	100	-	-	100	-	96
	1-1/2	18,617	667,342	10	73	15	2	8	69	24	47
	2	32,876	1,112,014	4	86	7	2	4	80	17	80
	3	2,554	99,825	76	18	-	5	26	27	47	91
	4	114	46,983	-	-	100	-	-	100	-	99
	5 & 6	1,630	74,741	76	18	*	6	32	21	47	89
	10	150	43,055	61	1	37	1	31	23	46	90
	12, 12-1/2 & 15	180	8,106	57	10	-	32	32	10	57	100
	20	119	38,050	63	2	33	2	48	44	8	95
	Not Known	781	24,790	-	72	15	13	6	9	85	89
		57,079	2,121,778	14	71	13	2	8	69	22	
Service, Pneumatic	1/2 to 40	364	96,042	39	2	58	1	24	60	16	93
Transmission, Hydraulic:	1/4 & 3/8	25	6,135	-	10	90	-	54	37	9	81
	1/2	267	100,711	-	-	100	-	42	57	1	98
	3/4	202	59,966	47	-	53	-	84	3	13	100
	1 & 1-1/2	191	88,655	16	-	84	-	16	69	15	80
		685	255,467	16	*	83	-	43	48	9	
Other, Hydraulic and Pneumatic	Not Known	124	26,358	-	-	100	-	33	67	-	89
GRAND TOTAL		232,370	4,501,321								

NOTES: \*Less than one per cent.

All percentage figures are rounded.

Dollar values shown are based on selling price F.O.B. plant, in Canadian dollars.

Other countries include People's Republic of China, South Africa and Sweden.

SECTION IV

FOREIGN EXPORTERS TO CANADA

Major exporters of hydraulic/pneumatic jacks for the period September 1981 to August 1982 as analyzed in Section III are shown below. Within each country of origin they are listed in descending order of value. Only those exporters having a total value of \$10,000 and over are listed.

			<u>Value</u> (\$,000)
<u>TAIWAN</u>			
Shinn Fu Auto Supply Co. Ltd.	Taipei	)	
Ever Young Industries Co. Ltd.	Taipei	)	
Omega Hydraulic Ind. Co. Ltd.	Taipei	)	
Yann Tay Enterprises Co. Ltd.	Taipei	)	
Test-Rite Int'l (Taiwan) Ltd.	Taipei	)	2,725
Trannats Ltd.	Taipei	)	
Dingwei Machinery Co. Ltd.	Taipei	)	
Sanyei Corp. Ltd.	Taipei	)	
Diversified Mach. Ind. Co. Ltd.	Taichung	)	
<u>JAPAN</u>			
Kayaba Ind. Co. Ltd.	Tokyo	)	
Yasui Sangyo Co. Ltd.	Tokyo	)	898
Masada Seisakusho Co. Ltd.	Tokyo	)	
Sunex Int'l Greenville	South Carolina** USA	)	
<u>UNITED STATES</u>			
Hein Werner Corp.	Waukesha, WI	)	
Applied Power, Auto Div.	Milwaukee, WI	)	
Gray Mfg. Co. Inc.	St. Joseph, MO	)	
Watervliet Tool Co. Inc.	Albany, NY	)	732
Auto Specialties Mfg. Co.	St. Joseph, MI	)	
Bear Auto Service Equip. Co.	Bangor, PA	)	
Meyer Hydraulics Corp.	Centreville, MI	)	
<u>OTHER</u>			
Nike Hydraulics	Stockholm, Sweden	)	
		)	101
China Nat. Mach. Imp. & Exp. Corp.	Shanghai, People's Rep. of China	)	

NOTE: \*\*Country of Origin - Japan

SECTION V

CANADIAN AND FOREIGN TARIFFS

CANADA

Hydraulic/Pneumatic Jacks, included in this analysis were dutiable under the following most commonly applied tariff item.

<u>Tariff Item</u>	<u>Description</u>	<u>British Preferential Tariff</u>	<u>Most Favoured Nation Tariff</u>	<u>General Tariff</u>	<u>General Preferential Tariff</u>	<u>U.K. &amp; Ireland</u>
42700-1	Machines, n.o.p., and accessories, attachments, control equipment and tools for use therewith; parts of the foregoing.....1981	2.5%	13.6%	35%	2.5%	8.5%
	.....1982	2.5%	12.8%	35%	2.5%	9.2%

Tariff items and rates of duty are subject to change, and need to be verified by direct reference to:

Customs Programs Branch  
Department of Revenue Canada  
Customs and Excise  
Ottawa, Ontario  
K1A 0L5

FOREIGN COUNTRIES

Inquiries concerning tariffs and other government trade regulations in foreign countries should be directed to:

International Bureaux  
Department of External Affairs Canada  
Ottawa, Ontario  
K1A 0G2