

ISC Statistics - International Fluid Power Statistics
Annual National Home Sales, excluding aerospace

This data is only available to responding associations and their member companies and not meant for publication.

	CETOP area*	China	Japan	Taiwan	USA	Total
	in 1.000 USD	in 1.000 USD	in 1.000 USD	in 1.000 USD	in 1.000 USD	in 1.000 USD
HYDRAULICS						
Valves						
Pumps						
Reciprocating types (axial and radial piston)						
Rotary types (gear, vane, orbital, screw and other types)						
Actuators						
Cylinders						1)
Motors and rotary actuators						2)
Filters, including elements sold separately						
Bulk connectors, bulk hose and assemblies (hose with connectors attached)						
Accumulators						
Other hydraulic products (incl. systems)						
Total Hydraulics						
PNEUMATICS						
Valves						
Actuators						
Cylinders						1)
Motors and rotary actuators						2)
FRs / FRLs, including components sold separately and air dryers						
Bulk connectors, bulk hose and assemblies (hose with connectors attached)						
Other pneumatic products (see note)						
Total Pneumatics						
Total Fluid power						

(1) USA: Cylinders and rotary actuators

(2) USA: Motors excl. Rotary actuators

Percentage of the national home sales covered by the association:

Hydraulics	80%	70%	95%	80%	80%
Pneumatics	85%	55%	97%	85%	60%

U.S. FOREIGN TRADE BY COUNTRY - 2001 U.S. Dollars

Data is for year 2001

Country/Area	\$ Imports	\$ Exports	\$ Surplus or Deficit
Canada	264,310,283	465,017,896	200,707,613
Mexico	148,780,232	202,058,604	53,278,372
Central America	248,937	11,712,957	11,464,020
South America	13,411,475	81,965,359	68,553,884
Japan	318,564,614	64,931,497	-253,633,117
South Korea	21,587,271	53,946,392	32,359,121
Taiwan	18,515,463	57,813,680	39,298,217
Hong Kong	265,338	10,720,180	10,454,842
Singapore	25,754,532	29,873,257	4,118,725
China	18,983,834	30,077,746	11,093,912
Southeast Asia	7,111,392	11,940,145	4,828,753
India	3,821,516	7,938,263	4,116,747
Israel	4,305,488	4,456,386	150,898
Mideast	79,463	16,577,906	16,498,443
Germany	333,109,825	154,048,373	-179,061,452
United Kingdom	123,270,294	126,416,276	3,145,982
France	67,181,652	60,405,177	-6,776,475
Italy	95,345,623	22,063,511	-73,282,112
Western Europe	63,339,023	89,044,485	25,705,462
Sweden	46,641,119	12,480,919	-34,160,200
Scandinavia	50,614,889	11,427,352	-39,187,537
Russia/Eastern Europe	13,499,102	9,181,204	-4,317,898
Australia/New Zealand	1,959,134	39,072,659	37,113,525
South Africa	1,879,380	7,418,853	5,539,473
Africa	116,934	7,828,132	7,711,198
Other	33,311	3,251,118	3,217,807
Total	1,642,901,555	1,603,321,593	-39,579,962

NOTE – Fluids, Compressors, Instruments and Vacuum Pumps data is not included in the total here. This was done so that the country totals would be equal to the fluid power component section total per NFPA's Economics and Statistics Committee.

U.S. FOREIGN TRADE BY PRODUCT - 2001 U.S. Dollars

Data is for year 2001

Product Type	\$ Imports	\$ Exports	\$ Surplus or Deficit
Plastic bulk hose and assemblies, 4000 psi and over burst pressure	11,277,515	46,725,737	35,448,222
Hydraulic actuators, linear (cylinders)	249,398,250	96,519,716	-152,878,534
Hydraulic motors	142,274,517	98,468,207	-43,806,310
Hydraulic rotary actuators	56,136,516	50,131,523	-6,004,993
Pneumatic actuators, linear (cylinders)	45,512,368	40,926,486	-4,585,882
Pneumatic motors	2,640,383	3,395,069	754,686
Pneumatic rotary actuators	25,115,062	25,100,358	-14,704
Hydraulic pumps, reciprocating types	113,932,508	135,904,616	21,972,108
Hydraulic pumps, rotary types	171,843,447	299,714,997	127,871,550
Filters, hydraulic	8,226,001	15,894,428	7,668,427
Filters, pneumatic	1,775,433	25,162,625	23,387,192
Valves, hydraulic	350,323,971	325,089,184	-25,234,787
Valves, pneumatic	47,639,273	74,524,024	26,884,751
Hydraulic accumulators	4,870,310	10,282,566	5,412,256
Parts of actuators and motors	150,571,425	61,997,284	-88,574,141
Parts of pumps	163,898,746	188,046,804	24,148,058
Parts of valves	97,465,830	105,437,969	7,972,139
Subtotal	1,642,901,555	1,603,321,593	-39,579,962
Hydraulic and pneumatic instruments	21,486,693	97,215,534	75,728,841
Hydraulic fluids	5,248,032	67,724,217	62,476,185
Compressors	291,928,748	650,259,344	358,330,596
Vacuum Pumps	309,023,262	154,040,789	-154,982,473
Total	2,270,588,290	2,572,561,477	301,973,187