



# TURKISH MACHINERY SECTOR





# THE MACHINERY SECTOR;



is vital to the industrialization of a  
country



has a stimulating role in the  
economical development of a country

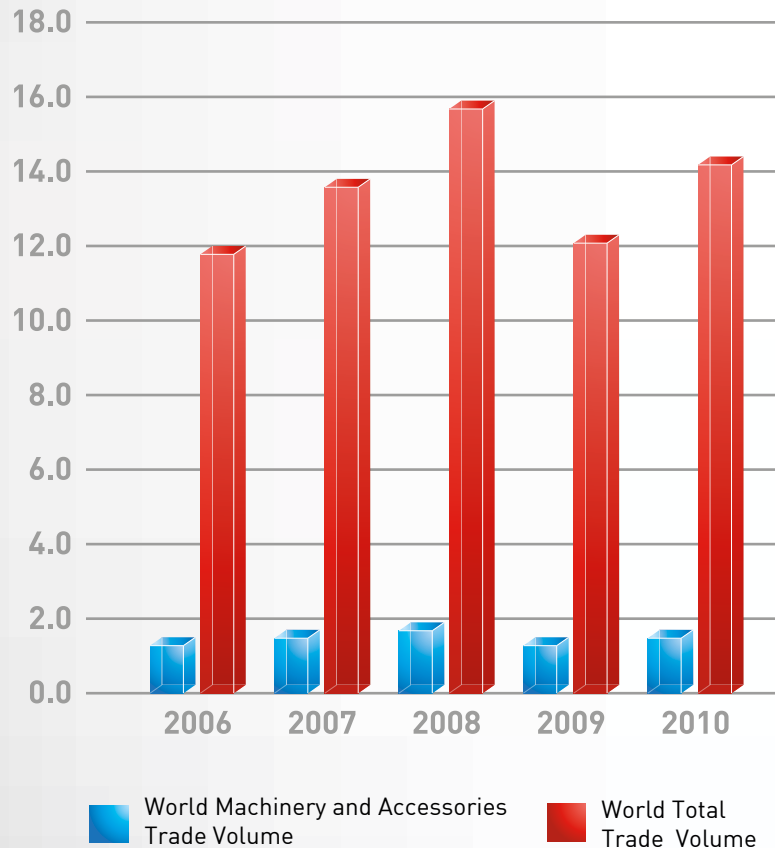


as a major investment goods supplier,  
works in cooperation with other  
industries.



Thus, COMPETITIVENESS  
OF OTHER SECTORS  
DEPEND ON  
**MACHINERY  
SECTOR...**





# WORLD MACHINERY TRADE

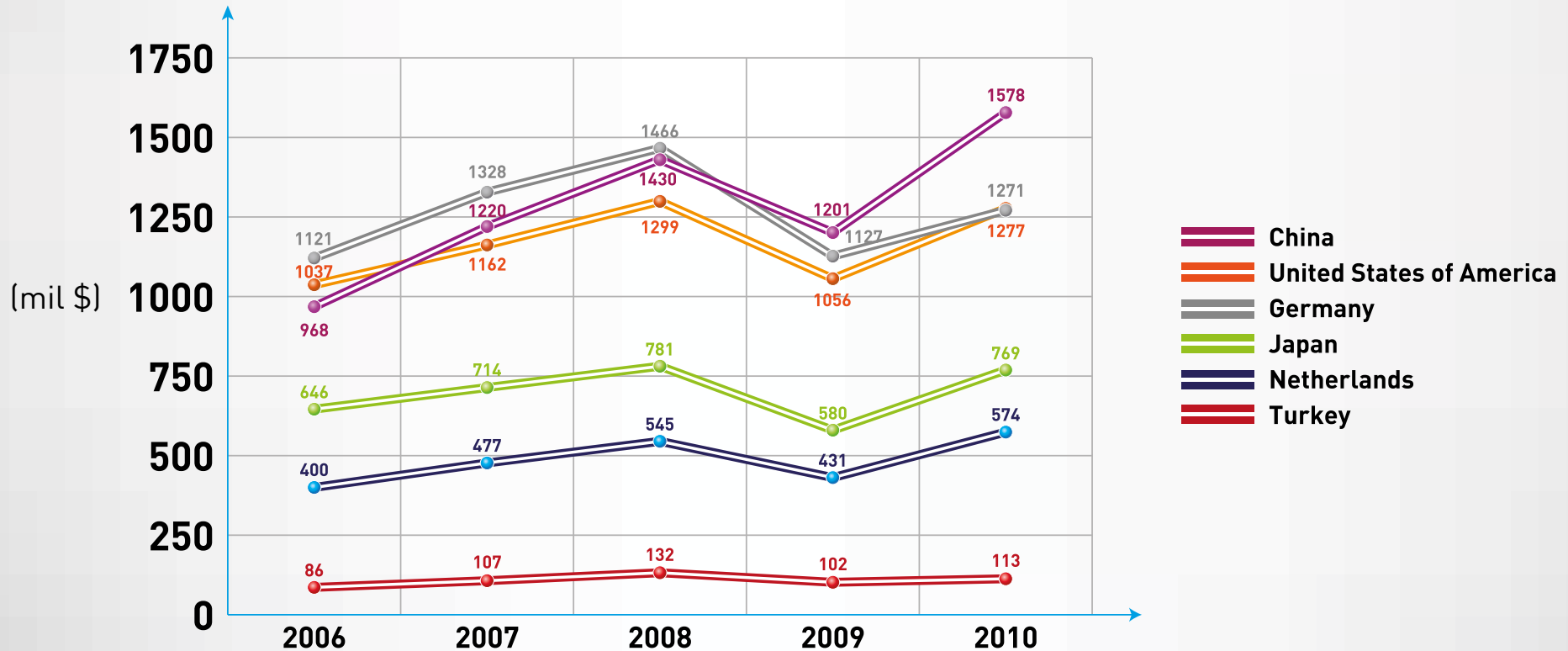
## According to Trade Figures;

More than 12% share of the world trade is from machinery sector with USD 1,9 trillion.

It has the second rank after oil trade.



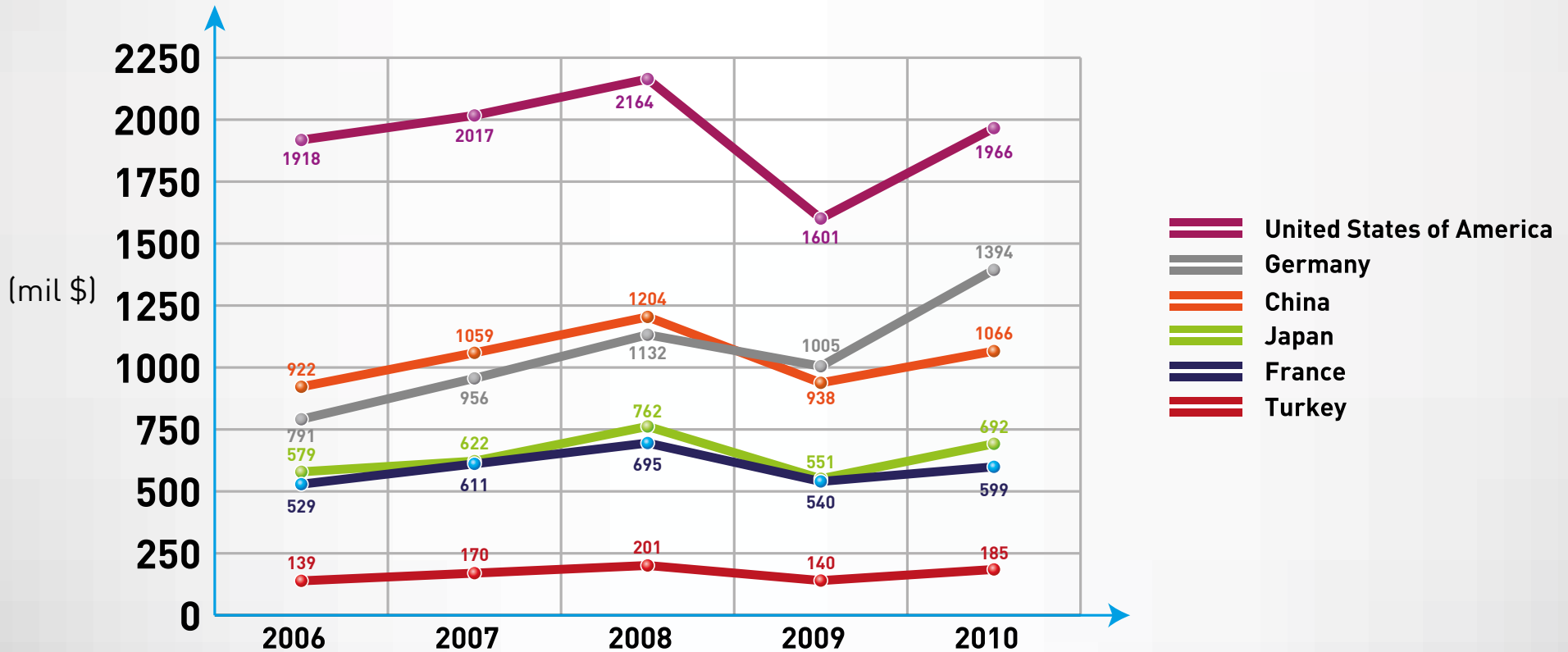
# WORLD EXPORT



Top three countries in global export were CHINA, USA and GERMANY in 2010.



# WORLD IMPORT



Top three countries in global import were USA, CHINA and GERMANY in 2010.



# TURKEY

Turkey is a member of G20 and has the booming economy.



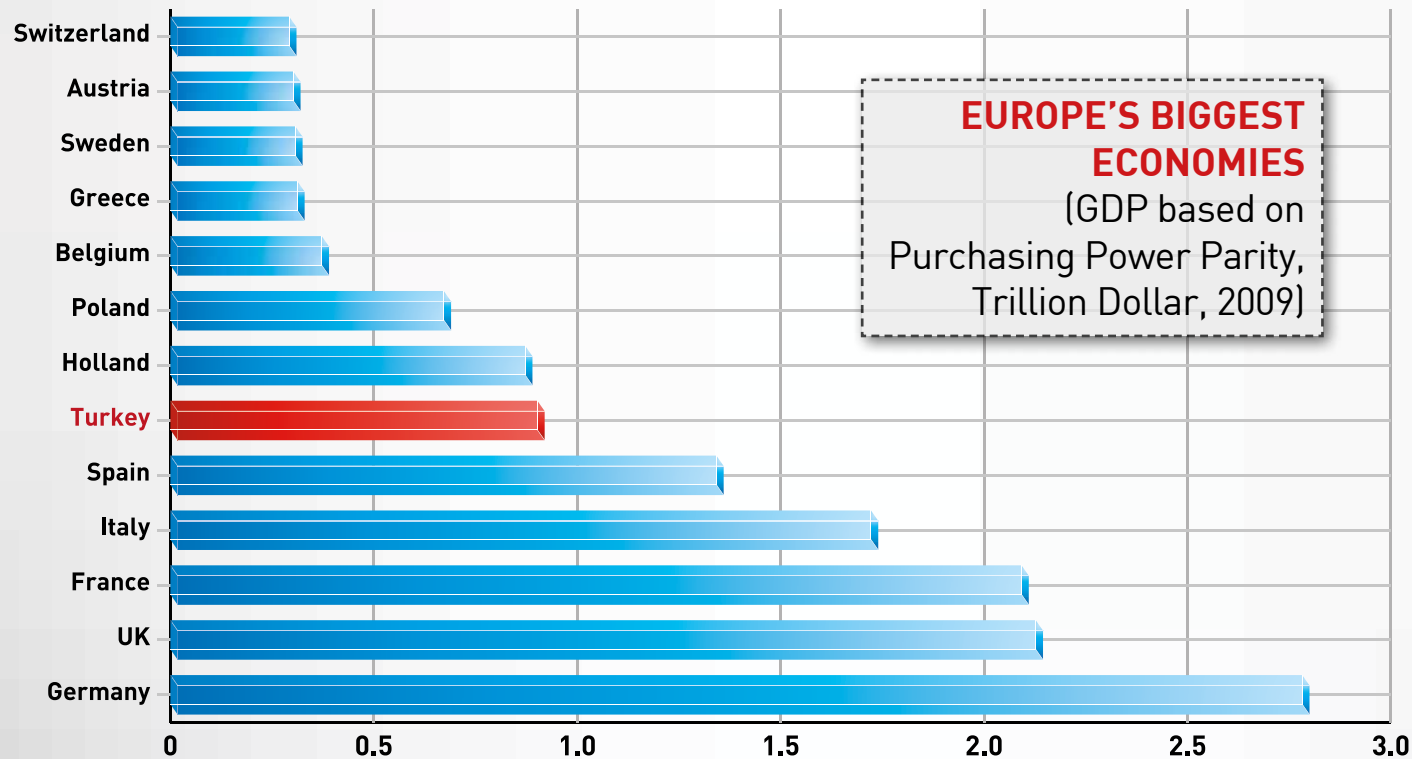
Her economic growth is sustainable (4.3 percent annual average real GDP increase for the last 7 years)



It is expected to be the fastest growing economy among the OECD members during 2011-2017 with an annual average GDP growth rate of 6.7 percent.



# TURKEY;



is the 6th largest economy in the EU region in 2010



is committed to enter the developed countries league with its industry and high technology





Machinery sector is the basic driving force of industrialization of Turkey.



Machinery export accounted for **8%** in 2010, out of the total export volume of Turkey



# ADVANTAGES OF TURKISH **MACHINERY** SECTOR



- ⚙️ high rate of domestic input,
- ⚙️ foreign market and customer satisfaction oriented,
- ⚙️ geographical proximity to strategic partners,
- ⚙️ relatively low cost of highly educated, skilled and young workforce,
- ⚙️ experience in design and engineering
- ⚙️ Turkish machinery sector is able to meet the requirements of industry.



Ranked **29th** in export and **27th** in import in the  
World.



**6th biggest machinery producer of Europe** and  
preferred for **quality products** by developed  
countries.



**Major partner of Turkey in machinery export is  
Germany.**



**TURKISH TOTAL EXPORT (2010)**

	Product	million USD	% share
1	Automotive	18.327	13,9
2	Steel and Iron	14.946	11,3
<b>3</b>	<b>Machinery and Accessories</b>	<b>10.259</b>	<b>7,8</b>
4	Electrical and Electronic Equipments	7.972	6,0
5	Knitted Apparel	7.827	5,9
	TOTAL EXPORT	132.027	100,0

In 2010 Turkish Machinery and Accesories export was 10 billion USD and took 3rd place in general export of Turkey.



# MAJOR PRODUCT GROUPS IN **2010**

Air conditioning units and cooling Machinery	<b>% 14,5</b>
Construction and Mining Machinery	<b>% 11,7</b>
Pumps and Compressors	<b>% 9,2</b>
Machinery and Machine Tools	<b>% 8,1</b>
Machineries for Food Industry	<b>% 7</b>



The major partner of Turkey in machinery export is Germany, which is the leader of sector.  
Turkey's main export groups to the Germany are as below:

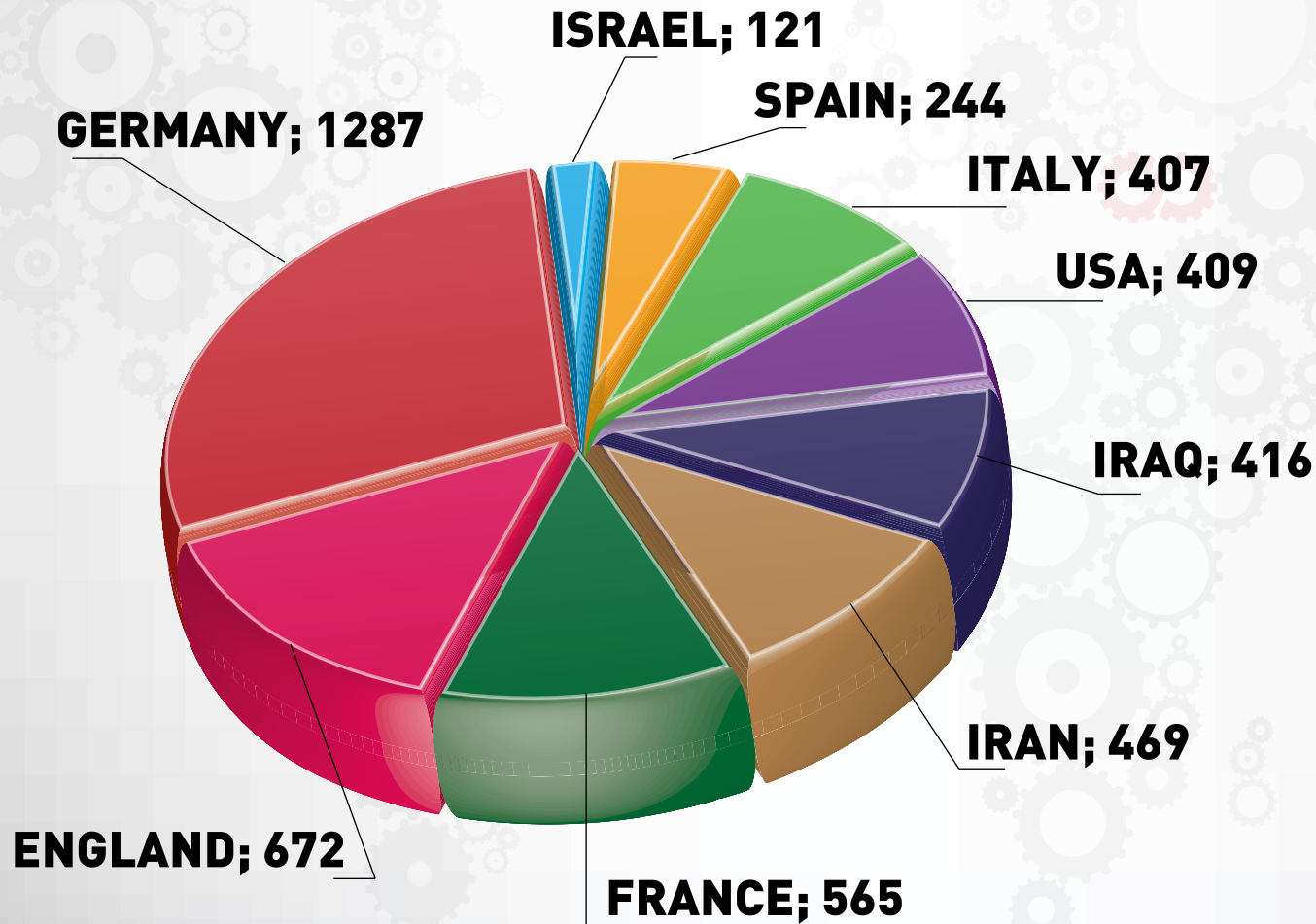
**MAJOR PRODUCT GROUPS OF MACHINERY EXPORT TO GERMANY IN 2009-2010 (mil \$)**

COMMODITY GROUP	2009	2010	Change %
PARTS SUITABLE FOR USE SOLELY OR PRINCIPALLY WITH INTERNAL COMBUSTION PISTON	404,5	506,6	25
REFRIGERATORS, FREEZERS AND OTHER REFRIGERATING OR FREEZING EQUIPMENT	138,1	141	2
PUMPS FOR LIQUIDS, WHETHER OR NOT FITTED WITH A MEASURING DEVICE	54,8	86,5	58
HOUSEHOLD OR LAUNDRY-TYPE WASHING MACHINES	77,1	68,1	-12
PARTS SUITABLE FOR USE SOLELY OR PRINCIPALLY WITH THE MACHINERY OF HEADING	57,3	64,4	12



# TURKISH **MACHINERY** EXPORT

(MILLION \$)



In 2010;  
USA takes  
7th place  
in Turkey's  
machineries  
and accessories  
export.



# MACHINERY EXPORT AND IMPORT OF USA

USA MACHINERY FOREIGN TRADE (BILLION \$)			
	2008	2009	2010
EXPORT	212,3	153,6	182,7
IMPORT	255,3	207,5	255,2



## In general;

USA takes 1st place with 1,9 trillion \$ import in 2010 and has 12 % share in world import.



USA takes 2nd place with 1,2 trillion \$ export in 2010 and has 10 % share in world export.

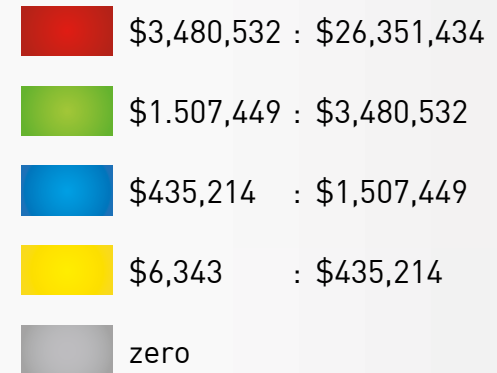
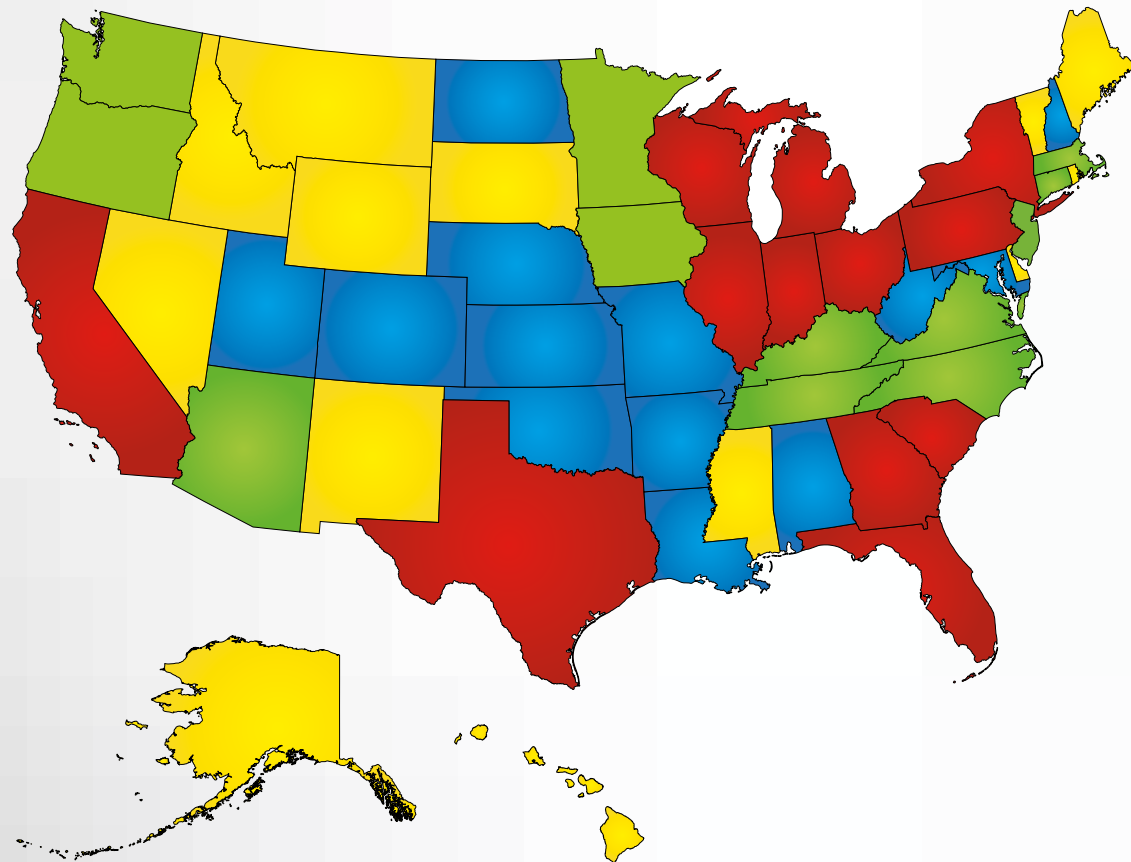


Machinery Sector in USA has 255 billion \$ import and 182 billion \$ export in 2010.





# MACHINERY EXPORT OF USA



North America plays an important role in the machinery export of the USA with 182 billion \$ in machinery export.



# USA'S MACHINERIES AND ACCESORIES IMPORT (THOUSAND \$) 2010

	EXPORTERS	IMPORTED VALUE IN 2010
1	China	85.118.640
2	Mexico	33.816.683
3	Japan	25.441.976
4	Canada	17.749.500
5	Germany	16.866.720
6	Republic of Korea	9.713.013
7	France	6.417.062
8	Malaysia	6.295.682
9	United Kingdom	6.252.627
10	Italy	5.416.274
<b>33</b>	<b>Turkey</b>	<b>469.403</b>

Turkey takes 33th place in machinery import of USA.





Turkish  
Machinery  
Promotion  
Group

**TURKISH MACHINERY SECTOR**

**TİM** TURKISH  
EXPORTERS  
ASSEMBLY



USA'S  
**MACHINERIES  
AND ACCESSORIES  
GROUPS IMPORT  
BY COUNTRY**



# OFFICE MACHINERY

(1.000 \$)

	<b>COUNTRY</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>SHARE (%)</b>
<b>1</b>	China	8.194.722	7.784.845	6.747.420	38,1
<b>2</b>	Japan	5.450.794	5.745.105	4.551.435	25,7
<b>3</b>	Singapore	1.334.737	1.387.634	1.645.880	9,3
<b>4</b>	Malaysia	1.549.521	1.336.338	2.007.961	11,3
<b>5</b>	Mexico	639.946	589.506	455.645	2,6
<b>6</b>	South Korea	378.234	415.392	368.248	2,1
<b>7</b>	Ireland	455.321	270.103	383.221	2,2
<b>8</b>	Thailand	391.382	441.809	248.265	1,4
<b>9</b>	Vietnam	236.208	247.642	290.141	1,6
<b>10</b>	Indonesia	176.949	234.501	195.395	1,1
<b>33</b>	<b>TURKEY</b>	<b>705</b>	<b>1.959</b>	<b>898</b>	<b>0,0</b>
	OTHERS	1.133.416	1.160.944	831.101	4,7
	<b>TOTAL</b>	<b>19.941.935</b>	<b>19.615.778</b>	<b>17.725.610</b>	<b>100,0</b>



# TURBINES, HYDRAULIC CYCLINDERS AND TURBOJETS

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	France	3.215.843	3.876.316	4.531.144	4.072.346	23,6
2	Canada	2.141.399	2.674.167	3.147.447	2.431.242	14,1
3	U.K	2.730.181	2.518.831	2.587.581	2.397.412	13,9
4	Germany	1.650.051	1.975.869	2.423.198	1.984.809	11,5
5	Japan	1.206.796	1.386.599	1.509.320	1.392.688	8,1
6	Mexico	458.030	762.832	909.873	798.491	4,6
7	Italy	488.978	625.683	811.818	629.276	3,6
8	China	254.476	347.007	538.417	431.320	2,5
9	Israel	277.990	421.317	390.253	323.411	1,9
10	Brazil	41.735	81.010	504.549	308.399	1,8
17	<b>TURKEY</b>	<b>98.883</b>	<b>127.822</b>	<b>143.962</b>	<b>141.365</b>	<b>0,8</b>
	OTHERS	1.983.444	2.407.091	2.902.804	2.338.246	13,6
	<b>TOTAL</b>	<b>14.547.806</b>	<b>17.204.544</b>	<b>20.400.366</b>	<b>17.249.005</b>	<b>100,0</b>



# MOTOR

(1.000 \$)

	<b>COUNTRY</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>SHARE (%)</b>
<b>1</b>	Mexico	4.133.148	4.143.310	3.988.010	2.506.653	20,5
<b>2</b>	Canada	3.977.181	4.232.717	3.379.052	2.433.965	19,9
<b>3</b>	Japan	5.099.114	4.710.216	4.370.776	2.431.956	19,9
<b>4</b>	Germany	3.016.914	3.638.998	3.251.018	1.724.954	14,1
<b>5</b>	China	417.708	514.903	713.342	633.642	5,2
<b>6</b>	U.K	621.711	711.671	697.413	411.137	3,4
<b>7</b>	Austria	241.897	433.751	257.528	388.191	3,2
<b>8</b>	Brazil	1.158.687	747.742	760.174	298.316	2,4
<b>9</b>	Italy	364.538	502.581	479.886	241.247	2,0
<b>10</b>	South Korea	270.483	315.299	348.172	190.778	1,6
<b>27</b>	<b>TURKEY</b>	<b>15.784</b>	<b>17.393</b>	<b>18.630</b>	<b>10.872</b>	<b>0,1</b>
	OTHERS	1.288.778	1.112.353	1.221.527	969.374	7,9
	<b>TOTAL</b>	<b>20.605.943</b>	<b>21.080.934</b>	<b>19.485.528</b>	<b>12.241.085</b>	<b>100,0</b>



# PUMPS AND COMPRESSORS

(1.000 \$)

	<b>COUNTRY</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>SHARE (%)</b>
<b>1</b>	China	2.878.290	3.142.965	3.300.860	2.740.036	24,8
<b>2</b>	Mexico	1.980.856	2.146.446	2.219.570	1.898.941	17,2
<b>3</b>	Germany	1.530.258	1.679.794	1.670.669	1.174.460	10,6
<b>4</b>	Canada	1.214.392	1.492.458	1.425.780	1.073.841	9,7
<b>5</b>	Japan	1.469.864	1.420.854	1.277.616	895.964	8,1
<b>6</b>	Italy	539.865	514.482	587.877	429.233	3,9
<b>7</b>	U.K	495.800	590.214	631.690	406.417	3,7
<b>8</b>	South Korea	350.703	387.985	314.324	253.688	2,3
<b>9</b>	Brazil	436.274	423.322	358.193	243.564	2,2
<b>10</b>	France	241.724	238.994	257.748	214.375	1,9
<b>28</b>	<b>TURKEY</b>	<b>22.917</b>	<b>29.031</b>	<b>35.353</b>	<b>26.227</b>	<b>0,2</b>
	OTHERS	1.967.984	2.056.862	2.266.621	1.685.667	15,3
	<b>TOTAL</b>	<b>13.128.927</b>	<b>14.123.407</b>	<b>14.346.301</b>	<b>11.042.413</b>	<b>100,0</b>



# MACHINE TOOLS

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	China	2.350.258	2.624.927	2.657.376	2.474.265	28,0
2	Japan	4.242.911	3.077.396	3.362.027	1.370.781	15,5
3	Germany	1.837.792	1.774.704	1.878.243	1.122.260	12,7
4	Mexico	1.071.020	963.459	806.612	669.406	7,6
5	Canada	734.007	776.068	865.179	624.145	7,1
6	Taiwan	1.068.940	1.032.448	928.737	519.889	5,9
7	Italy	655.590	645.632	683.218	432.090	4,9
8	Switzerland	522.645	467.558	541.932	330.929	3,7
9	South Korea	353.941	345.286	352.408	229.616	2,6
10	Sweden	287.733	275.976	250.691	172.665	2,0
26	<b>TURKEY</b>	<b>17.237</b>	<b>19.772</b>	<b>19.204</b>	<b>13.623</b>	<b>0,2</b>
	OTHERS	1.280.247	1.270.695	1.193.755	873.856	9,9
	<b>TOTAL</b>	<b>14.422.321</b>	<b>13.273.921</b>	<b>13.539.382</b>	<b>8.833.525</b>	<b>100,0</b>





# ARMS AND AMMUNITION FOR DEFENCE INDUSTRY

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	Canada	1.179.408	1.396.692	1.526.095	1.537.799	18,2
2	China	751.399	1.042.639	1.029.123	862.323	10,2
3	U.K	475.158	598.544	656.946	707.561	8,4
4	Germany	628.833	706.357	744.501	685.219	8,1
5	Israel	114.513	342.982	487.103	587.461	6,9
6	South Korea	144.122	370.963	655.209	552.638	6,5
7	Japan	721.351	638.462	654.730	515.552	6,1
8	Mexico	406.525	462.230	460.317	419.615	5,0
9	Taiwan	338.825	361.385	344.588	261.472	3,1
10	Italy	259.698	282.561	291.805	254.158	3,0
23	<b>TURKEY</b>	<b>56.323</b>	<b>65.118</b>	<b>53.508</b>	<b>57.238</b>	<b>0,7</b>
	OTHERS	1.534.733	1.859.256	1.861.085	2.075.858	24,5
	<b>TOTAL</b>	<b>6.554.565</b>	<b>8.062.071</b>	<b>8.711.502</b>	<b>8.459.656</b>	<b>100,0</b>



# VALVES

(1.000 \$)

	<b>COUNTRY</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>SHARE (%)</b>
<b>1</b>	China	1.837.694	2.195.771	2.482.169	1.986.588	25,4
<b>2</b>	Mexico	1.320.030	1.359.358	1.359.231	1.148.677	14,7
<b>3</b>	Japan	1.143.002	1.133.673	1.101.670	793.358	10,2
<b>4</b>	Germany	1.032.003	1.029.081	977.862	738.966	9,5
<b>5</b>	Canada	695.724	723.707	669.727	537.051	6,9
<b>6</b>	Italy	571.091	635.548	609.747	488.701	6,3
<b>7</b>	Taiwan	594.356	618.449	600.802	380.397	4,9
<b>8</b>	U.K	316.946	313.646	372.271	284.114	3,6
<b>9</b>	France	219.148	319.462	308.678	259.249	3,3
<b>10</b>	India	195.276	242.043	274.583	212.416	2,7
<b>32</b>	<b>TURKEY</b>	<b>34.877</b>	<b>21.527</b>	<b>15.596</b>	<b>12.740</b>	<b>0,2</b>
	OTHERS	1.248.807	1.340.907	1.314.854	963.607	12,3
	<b>TOTAL</b>	<b>9.208.954</b>	<b>9.933.172</b>	<b>10.087.190</b>	<b>7.805.864</b>	<b>100,0</b>



# AIR CONDITIONING MACHINERY

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	Mexico	3.744.333	4.094.112	3.882.854	3.563.346	45,8
2	China	2.066.908	2.497.964	2.272.745	1.966.816	25,3
3	South Korea	700.608	680.627	913.423	786.729	10,1
4	Canada	514.272	530.360	568.845	386.724	5,0
5	Japan	217.337	215.028	282.258	195.676	2,5
6	Thailand	178.188	230.828	214.425	173.595	2,2
7	Germany	128.599	131.224	137.408	97.354	1,3
8	Sweden	165.437	160.831	120.745	86.754	1,1
9	Italy	73.684	97.522	107.672	62.672	0,8
10	France	80.379	68.227	59.652	40.438	0,5
16	<b>TURKEY</b>	<b>26.351</b>	<b>30.981</b>	<b>54.012</b>	<b>27.640</b>	<b>0,4</b>
	OTHERS	454.734	485.612	556.216	400.201	5,1
	<b>TOTAL</b>	<b>8.350.830</b>	<b>9.223.316</b>	<b>9.170.255</b>	<b>7.787.945</b>	<b>100,0</b>



# BUILDING AND MINING MACHINERY

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	Canada	1.636.574	1.883.896	2.054.538	1.204.586	16,4
2	Germany	1.404.933	1.543.495	1.474.035	1.040.139	14,2
3	Japan	3.937.975	2.767.789	2.465.855	881.746	12,0
4	China	1.260.892	1.312.648	1.326.801	787.473	10,7
5	Mexico	1.161.900	1.207.912	1.258.827	617.241	8,4
6	U.K	961.896	931.319	787.135	460.487	6,3
7	Italy	996.044	967.807	915.886	413.641	5,6
8	South Korea	757.299	612.448	593.025	238.793	3,3
9	France	480.284	400.267	412.033	219.281	3,0
10	Sweden	437.181	440.782	404.432	192.493	2,6
30	<b>TURKEY</b>	<b>19.473</b>	<b>33.752</b>	<b>25.313</b>	<b>17.398</b>	<b>0,2</b>
	OTHERS	2.601.645	2.479.015	2.466.329	1.285.673	17,5
	<b>TOTAL</b>	<b>15.636.623</b>	<b>14.547.378</b>	<b>14.158.896</b>	<b>7.341.553</b>	<b>100,0</b>



# LIFTING, HANDLING, LOADING OR UNLOADING MACHINERY

(1.000 \$)

	<b>COUNTRY</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>SHARE (%)</b>
<b>1</b>	Canada	1.527.705	1.528.768	1.426.031	868.071	20,5
<b>2</b>	China	566.919	724.774	780.306	629.088	14,8
<b>3</b>	Japan	1.028.567	859.114	1.087.086	584.400	13,8
<b>4</b>	Germany	769.597	813.159	915.832	547.312	12,9
<b>5</b>	Mexico	369.206	415.737	418.692	397.109	9,4
<b>6</b>	South Korea	225.030	220.250	220.637	160.207	3,8
<b>7</b>	Italy	274.051	227.486	254.817	148.731	3,5
<b>8</b>	Holland	199.907	214.984	258.861	147.019	3,5
<b>9</b>	Sweden	154.505	153.631	193.980	134.954	3,2
<b>10</b>	U.K	508.958	355.799	224.062	112.258	2,6
<b>34</b>	<b>TURKEY</b>	<b>766</b>	<b>777</b>	<b>3.413</b>	<b>953</b>	<b>0,0</b>
	OTHERS	912.532	866.499	849.496	514.279	12,1
	<b>TOTAL</b>	<b>6.536.977</b>	<b>6.380.201</b>	<b>6.629.800</b>	<b>4.243.428</b>	<b>100,0</b>



# INDUSTRIAL OR LABORATORY FURNACES AND OVENS

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	Mexico	382.951	488.526	566.731	538.769	13,1
2	Italy	211.446	250.690	366.611	532.422	12,9
3	Canada	518.053	606.765	674.491	510.301	12,4
4	Japan	470.499	410.562	416.899	462.893	11,2
5	Germany	510.346	512.424	655.901	428.054	10,4
6	China	173.007	278.675	318.281	317.696	7,7
7	South Korea	69.017	49.384	127.658	266.232	6,5
8	Switzerland	113.829	123.963	255.839	146.982	3,6
9	U.K	135.533	138.136	141.569	108.703	2,6
10	Belgium	35.786	54.769	93.119	94.032	2,3
44	<b>TURKEY</b>	<b>1.682</b>	<b>7.956</b>	<b>1.801</b>	<b>893</b>	<b>0,0</b>
	OTHERS	808.609	950.556	985.234	707.865	17,2
	<b>TOTAL</b>	<b>3.430.758</b>	<b>3.872.406</b>	<b>4.604.134</b>	<b>4.114.842</b>	<b>100,0</b>



# FOOD MACHINERY

(1.000 \$)

	<b>COUNTRY</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>SHARE (%)</b>
<b>1</b>	Canada	688.507	769.734	807.237	600.966	17,7
<b>2</b>	Germany	541.944	598.043	697.575	471.446	13,9
<b>3</b>	Mexico	439.631	835.534	988.291	432.800	12,8
<b>4</b>	China	337.513	369.425	417.531	400.399	11,8
<b>5</b>	Japan	326.382	278.011	299.214	284.089	8,4
<b>6</b>	U.K	217.995	270.650	289.636	192.694	5,7
<b>7</b>	South Korea	63.008	84.635	95.798	160.811	4,7
<b>8</b>	S. Africa	194.216	279.990	217.237	105.884	3,1
<b>9</b>	Italy	67.168	90.116	85.316	87.267	2,6
<b>10</b>	Taiwan	73.255	82.155	93.896	80.000	2,4
<b>33</b>	<b>TURKEY</b>	<b>4.530</b>	<b>3.590</b>	<b>3.602</b>	<b>5.085</b>	<b>0,1</b>
	OTHERS	505.590	587.466	709.368	574.745	16,9
	<b>TOTAL</b>	<b>3.455.209</b>	<b>4.245.759</b>	<b>4.701.099</b>	<b>3.391.101</b>	<b>100,0</b>



# FOUNDRIES AND ROLLINGS

(1.000 \$)

	<b>COUNTRY</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>SHARE (%)</b>
<b>1</b>	Canada	977.469	768.840	732.279	523.952	25,8
<b>2</b>	Germany	372.373	338.200	319.599	359.563	17,7
<b>3</b>	China	187.537	247.617	320.811	345.834	17,0
<b>4</b>	Japan	458.830	386.124	406.480	214.125	10,5
<b>5</b>	South Korea	64.261	76.870	77.693	113.470	5,6
<b>6</b>	Italy	117.322	97.971	120.104	81.022	4,0
<b>7</b>	France	60.017	49.195	39.843	56.459	2,8
<b>8</b>	Taiwan	66.991	51.171	56.899	36.437	1,8
<b>9</b>	U.K	39.765	43.931	43.992	35.309	1,7
<b>10</b>	Austria	55.765	24.548	40.108	30.187	1,5
<b>36</b>	<b>TURKEY</b>	<b>5.818</b>	<b>7.609</b>	<b>6.300</b>	<b>11.159</b>	<b>0,5</b>
	OTHERS	320.427	293.144	307.110	226.622	11
	<b>TOTAL</b>	<b>2.726.575</b>	<b>2.385.220</b>	<b>2.471.218</b>	<b>2.034.139</b>	<b>100,0</b>





# AGRICULTURE AND FORESTRY MACHINERY

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	Japan	1.090.765	907.847	839.341	590.962	29,5
2	Germany	341.029	319.308	417.995	250.326	12,5
3	U.K	252.760	301.877	355.611	249.270	12,4
4	Switzerland	2.568	1.293	26.723	137.126	6,8
5	Italy	234.855	205.938	229.653	134.271	6,7
6	Canada	110.743	91.802	108.370	132.678	6,6
7	India	133.563	208.894	195.377	110.541	5,5
8	South Korea	108.220	107.685	128.813	107.517	5,4
9	Mexico	99.978	76.456	81.277	104.690	5,2
10	<b>TURKEY</b>	<b>58.721</b>	<b>45.567</b>	<b>98.146</b>	<b>69.799</b>	<b>3,5</b>
	OTHERS	272.632	325.852	287.079	115.877	5,8
	<b>TOTAL</b>	<b>2.705.834</b>	<b>2.592.519</b>	<b>2.768.385</b>	<b>2.003.057</b>	<b>100,0</b>



# TEXTILE MACHINERY

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	South Korea	280.867	385.883	383.358	477.921	28,7
2	Germany	280.699	304.754	365.170	236.242	14,2
3	Canada	241.837	233.207	207.669	181.756	10,9
4	China	225.693	231.567	233.087	152.540	9,2
5	Japan	221.048	240.503	192.399	108.469	6,5
6	Mexico	19.403	25.537	65.126	93.443	5,6
7	Taiwan	113.930	103.230	98.228	71.331	4,3
8	Italy	131.225	121.023	135.054	66.256	4,0
9	Switzerland	77.538	76.426	65.836	55.362	3,3
10	France	62.752	48.802	82.141	41.637	2,5
25	<b>TURKEY</b>	<b>3.253</b>	<b>4.066</b>	<b>3.081</b>	<b>4.048</b>	<b>0,2</b>
	OTHERS	251.589	289.649	270.875	175.773	10,6
	<b>TOTAL</b>	<b>1.909.834</b>	<b>2.064.647</b>	<b>2.102.024</b>	<b>1.664.778</b>	<b>100,0</b>



# BEARINGS

(1.000 \$)

	<b>COUNTRY</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>SHARE (%)</b>
<b>1</b>	Japan	623.287	602.075	672.728	401.730	25,5
<b>2</b>	Germany	230.666	264.220	317.729	218.878	13,9
<b>3</b>	China	257.319	276.301	345.667	217.284	13,8
<b>4</b>	Canada	220.840	223.408	228.211	175.987	11,2
<b>5</b>	France	75.043	72.099	88.100	62.643	4,0
<b>6</b>	Mexico	43.774	55.975	64.765	62.522	4,0
<b>7</b>	India	61.873	57.117	97.551	50.731	3,2
<b>8</b>	Italy	44.122	53.928	67.033	46.684	3,0
<b>9</b>	Romania	34.111	44.733	50.015	41.487	2,6
<b>10</b>	South Korea	42.738	43.508	48.669	38.832	2,5
<b>29</b>	<b>TURKEY</b>	<b>5.712</b>	<b>6.519</b>	<b>5.782</b>	<b>2.685</b>	<b>0,2</b>
	OTHERS	395.217	357.656	407.844	256.762	16,3
	<b>TOTAL</b>	<b>2.028.990</b>	<b>2.051.020</b>	<b>2.388.312</b>	<b>1.573.540</b>	<b>100,0</b>



# BOILERS AND REACTORS

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	South Korea	19.940	110.877	108.795	236.877	16,2
2	Canada	200.832	193.293	235.969	214.489	14,6
3	China	36.263	106.496	233.097	165.577	11,3
4	Japan	90.306	45.636	82.455	128.773	8,8
5	France	31.678	156.055	37.465	113.617	7,7
6	Sweden	31.646	161.308	64.432	108.321	7,4
7	Holland	22.475	26.857	33.481	95.265	6,5
8	Germany	45.284	43.263	71.859	81.550	5,6
9	Thailand	3.933	28.801	17.438	54.146	3,7
10	Belgium	10.229	32.676	26.124	41.127	2,8
<b>31</b>	<b>TURKEY</b>	<b>86</b>	<b>2.683</b>	<b>395</b>	<b>302</b>	<b>0,0</b>
	OTHERS	181.653	300.911	361.020	226.653	15,5
	<b>TOTAL</b>	<b>674.325</b>	<b>1.208.856</b>	<b>1.272.530</b>	<b>1.466.697</b>	<b>100,0</b>



# NAILING, STAPLING, GLUEING MACHINERY

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	Germany	533.532	527.221	535.136	316.925	23,6
2	Canada	524.893	567.560	435.661	312.466	23,3
3	Japan	432.099	366.784	341.473	192.950	14,4
4	France	164.948	147.562	172.119	112.018	8,3
5	Italy	122.744	135.313	123.089	83.866	6,2
6	Austria	102.621	80.410	83.918	64.541	4,8
7	China	38.334	45.824	72.624	50.503	3,8
8	Taiwan	30.751	41.386	33.257	33.141	2,5
9	Switzerland	62.849	64.718	53.293	31.079	2,3
10	South Korea	15.440	15.831	37.152	25.782	1,9
43	<b>TURKEY</b>	<b>614</b>	<b>125</b>	<b>70</b>	<b>212</b>	<b>0,0</b>
	OTHERS	178.678	161.091	191.850	119.338	8,9
	<b>TOTAL</b>	<b>2.207.503</b>	<b>2.153.825</b>	<b>2.079.642</b>	<b>1.342.821</b>	<b>100,0</b>



# PACKING MACHINES

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	Germany	570.247	611.953	714.689	374.406	32,8
2	Italy	309.686	346.370	306.801	203.982	17,8
3	Canada	173.372	170.629	166.023	133.853	11,7
4	Japan	92.719	100.243	89.308	78.496	6,9
5	China	53.819	66.892	58.633	65.359	5,7
6	France	31.053	62.367	61.827	51.436	4,5
7	Switzerland	61.955	58.911	44.887	47.970	4,2
8	Holland	31.453	40.402	51.412	31.111	2,7
9	U.K	39.529	40.801	51.904	28.808	2,5
10	Taiwan	25.560	30.228	30.058	25.672	2,2
44	<b>TURKEY</b>	<b>233</b>	<b>166</b>	<b>264</b>	<b>82</b>	<b>0,0</b>
	OTHERS	137.928	154.730	162.639	101.770	8,9
	<b>TOTAL</b>	<b>1.527.321</b>	<b>1.683.526</b>	<b>1.738.181</b>	<b>1.142.863</b>	<b>100,0</b>



# PRINTING MACHINERY

(1.000 \$)

	<b>COUNTRY</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>SHARE (%)</b>
<b>1</b>	Germany	385.122	439.425	375.889	197.451	19,4
<b>2</b>	China	66.166	112.996	168.696	140.036	13,7
<b>3</b>	Canada	165.585	167.647	150.638	119.591	11,7
<b>4</b>	Italy	91.203	139.837	185.672	118.717	11,6
<b>5</b>	Switzerland	157.530	152.228	162.711	104.944	10,3
<b>6</b>	Japan	45.605	55.961	75.207	36.534	3,6
<b>7</b>	Sweden	70.734	58.459	64.521	34.562	3,4
<b>8</b>	France	51.982	49.567	34.269	30.649	3,0
<b>9</b>	Austria	31.211	37.990	33.919	30.219	3,0
<b>10</b>	U.K	61.070	51.713	44.757	29.237	2,9
<b>43</b>	<b>TURKEY</b>	<b>717</b>	<b>652</b>	<b>600</b>	<b>327</b>	<b>0,0</b>
	OTHERS	289.130	312.166	247.776	177.186	17,4
	<b>TOTAL</b>	<b>1.416.055</b>	<b>1.578.641</b>	<b>1.544.655</b>	<b>1.019.453</b>	<b>100,0</b>



# WASHING AND DRYING MACHINERY

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	South Korea	32.064	42.725	36.448	45.467	22,0
2	China	16.484	21.813	39.740	42.702	20,6
3	Germany	49.172	45.586	57.766	38.217	18,5
4	Canada	46.183	47.124	41.963	31.461	15,2
5	Mexico	4	26	56	13.746	6,6
6	Sweden	26.029	26.538	24.391	9.876	4,8
7	Italy	7.630	13.212	11.786	8.268	4,0
8	Switzerland	3.189	1.683	2.326	5.131	2,5
9	France	6.001	3.123	5.145	3.530	1,7
10	Spain	2.429	4.637	4.168	2.194	1,1
18	<b>TURKEY</b>	<b>49</b>	<b>580</b>	<b>1.003</b>	<b>630</b>	<b>0,3</b>
	OTHERS	58.846	47.538	26.465	6.375	3,1
	<b>TOTAL</b>	<b>248.031</b>	<b>254.005</b>	<b>250.254</b>	<b>206.967</b>	<b>100,0</b>





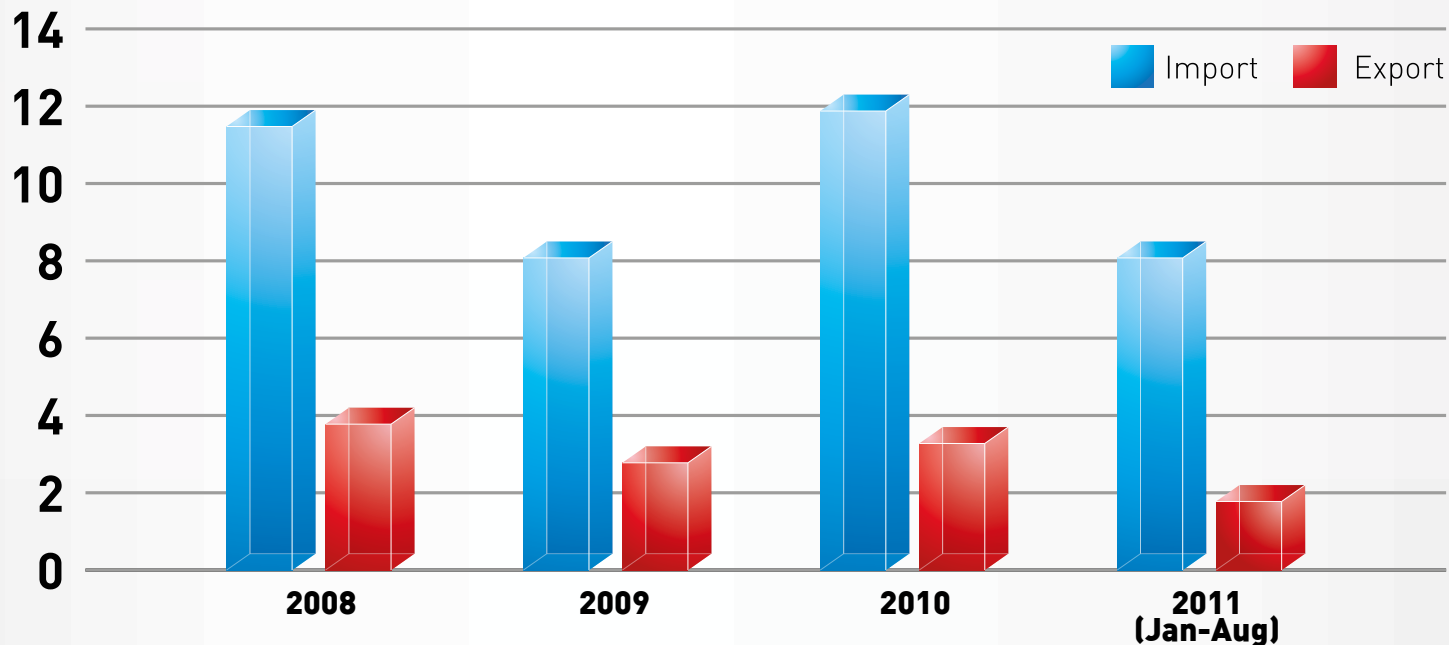
# LEATHER PROCESSING MACHINERY

(1.000 \$)

	COUNTRY	2006	2007	2008	2009	SHARE (%)
1	Italy	8.860	8.208	6.527	5.746	39,2
2	Germany	2.796	3.462	2.236	3.570	24,4
3	Spain	101	529	2.736	1.114	7,6
4	Canada	1.159	1.086	1.179	991	6,8
5	Denmark	2.732	682	2.070	746	5,1
6	Argentina	9	0	30	557	3,8
7	France	557	332	389	520	3,6
8	China	197	212	288	296	2,0
9	Taiwan	326	837	678	281	1,9
10	U.K	532	554	374	161	1,1
<b>36</b>	<b>TURKEY</b>	<b>33</b>	<b>217</b>	<b>0</b>	<b>0</b>	<b>0,0</b>
	OTHERS	1.987	1.299	1.340	659	4,5
	<b>TOTAL</b>	<b>19.289</b>	<b>17.418</b>	<b>17.847</b>	<b>14.641</b>	<b>100,0</b>



# USA - TURKEY FOREIGN TRADE



USA is taking 7th place in Turkey's export with USD 3,7 billion in 2010 and taking 4 th place in import with USD 12,3 billion in 2010.



# TURKEY - USA

## TURKEY'S **MACHINERY EXPORT** TO USA

TURKISH MACHINERY EXPORT TO USA (MIL \$)									
Years	2005	2006	2007	2008	2009	2010	2011 JAN - AUG	Change (%) (2008/2009)	Change (%) (2009/2010)
Export Value	220,70	298,60	368,70	409,70	273,80	409,30	209,20	-33,17	49,49

Turkey's machinery export to USA was USD 409 million in 2010. Turkish machinery and accessories export to USA increased 86 % between 2005-2010.

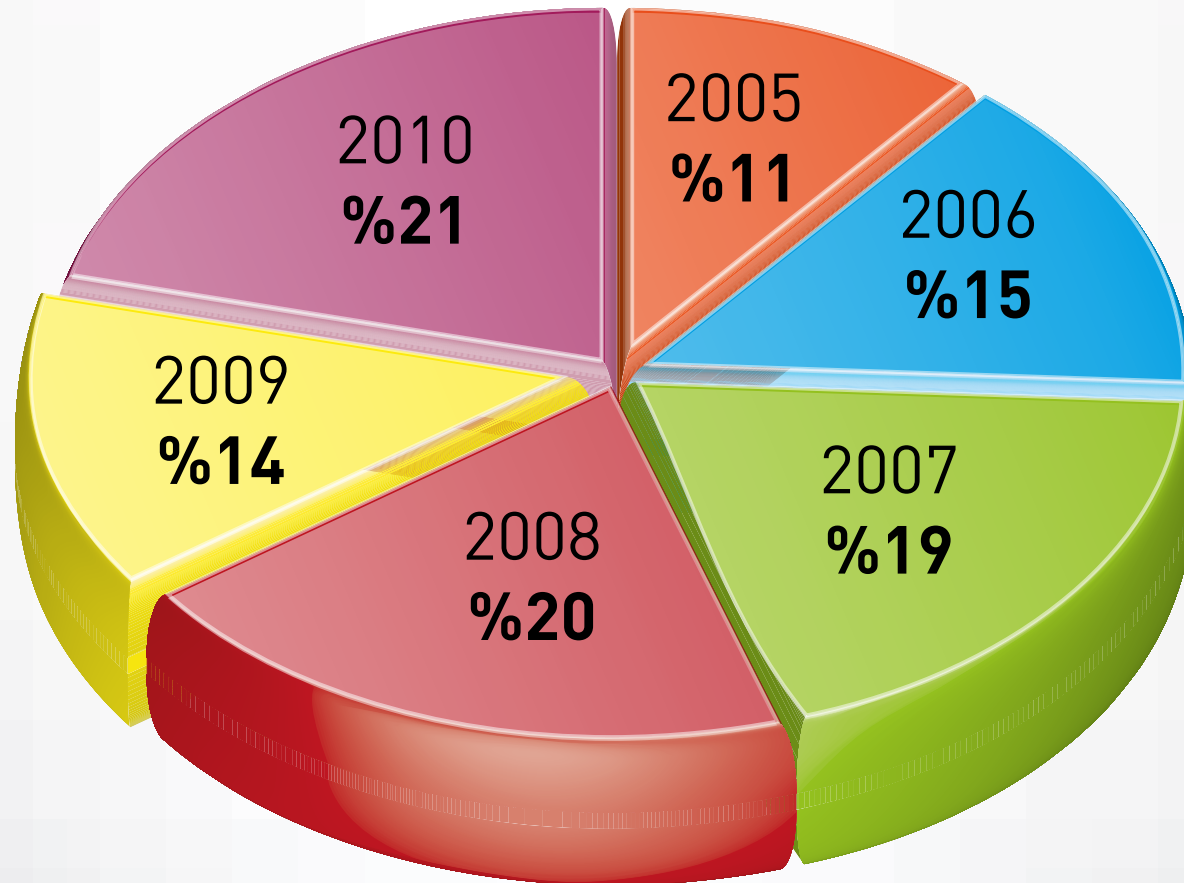


In 2010, Turkey's machinery export to USA increased 49 % compared to 2009.



## TURKEY - USA

THE SHARE OF **TURKISH MACHINERY EXPORT** TO USA BY YEARS





Turkish  
Machinery  
Promotion  
Group

## TURKISH MACHINERY SECTOR

**TIM** TURKISH  
EXPORTERS  
ASSEMBLY



# MAJOR PRODUCTS OF TURKISH **MACHINERY EXPORT** TO THE USA (MILLION \$)

	2009	2010	(%) Change
TURBOJETS, TURBOPROPELLERS AND OTHER GAS TURBINES	139.295.010	141.708.05	1,7
HAND TOOLS, THE FOLLOWING: SPADES, SHOVELS, MATTOCKS, PICKS, HOES, FORKS AND RAKE	63.738.045	67.068.833	5,2
PARTS AND ACCESSORIES FOR WEAPONS AND THE LIKE OF HEADING 9301 TO 9304, N.E.S.	31.772.434	33.036.445	4,0
AIR OR VACUUM PUMPS (EXCL. GAS COMPOUND ELEVATORS AND PNEUMATIC ELEVATORS	27.382.947	31.753.033	16,0
MACHINERY TOOLS	12.224.043	16.561.315	35,5
OTHER MACHINERY ACCESSORIES	10.651.652	16.450.790	54,4



# THE EXPORT DIFFICULTIES OF **TURKEY TO THE USA**

(ACCORDING TO TURKISH MACHINERY FIRMS)



- ⚙ Chinese Prices
- ⚙ Difficulty of access for USA Standarts
- ⚙ High Costs for certificates
- ⚙ Long Transportation Period
- ⚙ Storage Costs
- ⚙ Taxation
- ⚙ Lack of knowledge of American Public about Turkish goods



# TURKISH ECONOMY'S STRENGTHS

After world financial crisis, Turkish industry has an opportunity to prove itself.



Turkey will tend to place itself among top ten developed countries in the next decade.



Turkey is a good place to invest and Turkish machinery and accessories sector is a good partner to work with.



# TURKISH ECONOMY'S STRENGTHS

In 2023, Turkey is aiming to reach USD 500 billions total export which entails USD 100 billions of machinery export.

After global crisis, in the last quarter of 2009, many industries started to recover.





# TURKISH ECONOMY'S STRENGTHS

- ⚙️ YOUNG, DYNAMIC, WELL TRAINED WORKFORCE
- ⚙️ INTEGRATING WITH EU STANDARDS
- ⚙️ STABLE AND SUSTAINABLE DEVELOPMENT
- ⚙️ INNOVATIVE INDUSTRY
- ⚙️ CLOSE TO BIG CONSUMER MARKETS





Turkish  
Machinery  
Promotion  
Group

**TURKISH MACHINERY SECTOR**

**TİM** TURKISH  
EXPORTERS  
ASSEMBLY



Please contact  
**MACHINERY EXPORTERS UNION**  
for assistance to get detailed  
information about the sector and  
potential partners for cooperation.





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**TURKISH MACHINERY SECTOR**

**TİM** TURKISH  
EXPORTERS  
ASSEMBLY



MACHINERY AND  
ACCESSORIES  
EXPORTERS'  
UNION

**THANK  
YOU...**

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[www.machinerypromotion.org](http://www.machinerypromotion.org)