



The BIG tube manufacturers list!












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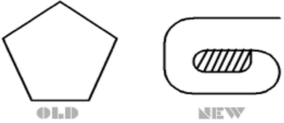



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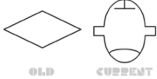



Attention: This is a FACTORIES LIST. So, trade brands are left out. Only in case where such trade names have become perhaps very well known, and people may begin to confuse them with factories, we mention those here as "REBRANDER".












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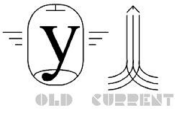

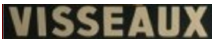



Name	Logo	Begin	Closed	Description
AEI		[1961]		Associated Electrical Industries Limited, Electronic Components Division
AVVT		[1998]	[2002]	Alesa Vaic Vacuum Technology. Formerly Vaic-Valve, Czech Republic.
Amperex		[1963]		Amperex Electronic Corporation, 230 Duffy Avenue, Hicksville, Long Island, New York, U.S.A.
Bendix				Bendix Aviation Corporation, Red Bank Division, Eatontown, New Jersey, U.S.A.
Brown-Boveri		[1960]		Brown-Boveri S.A. Cie, Baden, Schweiz
Brimar		[1954]		Brimar, by the Standard Telephones & Cables, Ltd., Footscray, Sidcup, Kent, England
Burroughs		[1962]		Burroughs Corporation, Electronic Components Division, Plainfield, New Jersey, U.S.A.
CCCP		[1970]		V/O "Mashpriborintorg", 32/34, Smolenskaja-Sennaja, Moscow G-200, USSR
Cerberus		[1960]		Cerberus, Seyffer Co., Kanzleistrasse 126, Zürich, Schweiz
Cetron		[1960]		Cetron, Continental Electric Co., Geneva, Illinois, U.S.A.
Chatham		[1954]		Chatham Electronics Corporation
CIFTE		[1960]		Compagnie Industrielle Française des Tubes Electroniques "CIFTE", 1, Place Herold, Courbevoie Seine, France
Cossor		[1954]		A. C. Cossor Ltd., Cossor House, Highbury Grove, London, N.5, England
Dario		[1919]		France.
DeTeWe		[1924]		Deutschen Telefonwerke und Kabelindustrie AG
de Forest				Lee de Forst, father of the Audion tube, and first producer of it.
Ediswan		[1961]		Limited
Ei		[1999]		Elektronska Industrija Nis, Yugoslavia. Closed in 2014.
Elorg		[1977]		ELORG, 32/34, Smolenskaya-Sennaya Pl., Moscow G-200, 121200, USSR
Eimac		[1946]		Old Eimac Eitel-McCullough, Inc., San Bruno, California, U.S.A.

Eimac		[1967]	New Eimac EIMAC Division of Varian, 301 Industrial Way, San Carlos, California 94070, U.S.A.
ELROG		[2015]	Small Berlin company, making oscilloscope tubes. They added a small line of HiFi tubes, like 845 and 211, and also a 300B, all with Tungsten Heaters, and the heaters had a tendency to break. They closed in 2015, ending with bankruptcy.
EML		[2001]	Emission Labs, Czech Republic.
English Electric Valve			England
Eveready-Raytheon		[1929]	Union Carbide & Carbon, USA
FIVRE		[1960]	Fabbrica Italiana Valvole Radio Elettriche, via Guastalla 2, Milano, Italia
Fullmusic		[1998]	Fullmusic, China.
Funkwerk		[1953]	VEB Funkwerk. Rudolfstrasse 47, Erfurt, DDR.
GE		[1959]	General Electric, Electronic Components Division, Schenectady 5, New York, U.S.A.
GEC		[1960]	General Electric Company, Ltd., Magnet House, Kingsway, London W.C.2, England
Gramont			France
Genalex		[1974]	The M-O Valve Company Limited. A member of the GEC Group of Companies
Haltron			*REBRANDER*.
Hitachi			Japan
Hivac		[1958]	Hivac Ltd., Greenhill Crescent, Harrow-on-the-Hill, Middlesex, England
Hivac		[1960]	Hivac Ltd., Stonefield Way, Victoria Road, South Ruislip, Middlesex, England
HOVA			Hochvakuumröhrenfabrik Wandsbeck. Ahrensburger Str. 40. Hamburg Wandsbeck.
Hytron			USA
JJ			JJ Electronics, Czech Republic. Produces with the formerly "Tesla" equipment, ECC81...88, EL34, EL84 and KT88.
Ken-Rad		[1946]	A product of General Electric Company, Electronics Department, Schenectady 5, New York, U.S.A.
Kremenetzky		[1926]	Dresdner Str. 55-57 in Wien
Klangfilm		[1960]	Klangfilm GmbH, Berlin, Deutschland
Lasos			Jena, Germany. Builds vacuum technology laser tubes.
Löwe			

Lorenz, SEL		[1963]		SEL Standard Elektrik Lorenz AG, Geschäftsbereich Bauelemente, 7 Stuttgart-Zuffenhausen, Hellmuth-Hirth-Strasse 42, Bundesrepublik Deutschland
Machlett		[1960]		Machlett Laboratories, Springdale, Connecticut, U.S.A.
Marconi		[1956]		Marconi's Wireless Telegraph Company Limited, Marconi House, Chelmsford, England
Mazda (1)		[1954]		The Edison Swan Electric Company Limited, 155 Charing Cross Road, London, W.C.2, England
Mazda (2)		[1960]		Mazda, Compagnie des Lampes, 20, rue de Lisbonne, Paris VIIIe, France
MIL-STD		[2001]		Department of Defense Standards, Test Methods for Electron Tubes, Defense Supply Center, 3990 East Broad Street, Columbus, Ohio 43216-5000, U.S.A., http://www.dscc.dia.mil
Motorola				
MOV		[1958]		Marconi & Osram Valve Co. Ltd.
Mullard		[1960]		Mullard Electronic Products Limited, Century House, Shaftesbury Avenue, London, W.C.2, England
National		[1999]		*REBRANDER*
Nanking				Chinese Tube factory.
National Union Radio Co.				
Niggl				München
Novosibirsk				Novosibirsk: Large collective factory, makes receiving tubes. Continued production could not be confirmed at this time. Types in production: Unknown.
Nowack		[1927]		Nowack & Co, Wien, Austria
Orel, Russia				Orel: Continued production could not be confirmed at this time.
Opta				Leipzig
Osram		[1958]		Osram Works, Brook Green, London W.6, England
		[1960]		Osram Valves, The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C.2, England
Ostar				Ostar Gustav Ganz & Co, Wien. Was specialized on rectifier tubes with 110V or 220V Heater wires. These take the heater voltage from the AC input. So they had no normal connections for the heater wire. Genius products. Were connected almost the same as a silicon diode. Types are for instance EG50.
Pedersen				M. P. Petersen, Emdrupvej 28, Copenhagen, Danmark. They began to make tubes for the Germans during WW2. As a result, the factory was bombed and completely destroyed in 1944. Most information and data got lost.
Peking Electron Tube Factory				China

Poljaron				Poljaron, Lvov (Ukraine): Makes 833A and some Russian ceramic power types, plus related products such as vacuum capacitors.
Philips CRT				Philips CRT Heerlen, Holland. Philips color TV tubes were to my opinion the best ever made. Such complicated tubes are an exceptional highlight of commercial tubes industry, and at the same time marked the end of it.
Philips		[1956]		N.V. Philips Gloeilampenfabrieken Eindhoven, Holland
Radio Technique		[1919]	[~1970]	La Radiotechnique (RTC) was created by "Compagnie du télégraphe sans fil" (CSF) in 1919 to manufacture radio tubes in Paris - Suresnes (a plant formerly used by SFR, Société française radioélectrique). Philips purchased 49% of the capital in 1931 and had 100% by 1951. As of year 1969, La Radiotechnique was employing 10.000 people and manufacturing 25% of the TV sets and 50% of the radio tubes made in France. A decade or so later, tube production was progressively extinguished. The tubes were sold either under the RTC (professional) brand or the Dario Miniwatt (consumer) brand.
Raytheon		[1955]		Raytheon Company, Industrial Components Division, 55 Chapel Street, Newton 58, Massachusetts, U.S.A.
		[1964]		Raytheon Company, 465 Centre Street, Quincy 69, Massachusetts, U.S.A.
Rectron				Rectron GmbH, Schützenstrasse 29-30, Berlin SW 68.
RCA		[1957]		Radio Corporation of America, Tube Division, Harrison, N.J., U.S.A.
Reflector				Reflector Corp (also known as Xpo-pul) , Saratov: In Russia, Makes most of the tubes marketed by New Sensor Co. of New York under the Sovtek and Electro Harmonix brand name. Some of these are old Russian types, others are made especially for export. Types in production: 12AX7 (three variations known), EL34 (2 versions), 6550WE, KT88, 300B, 6B4G, 5AR4, 6L6/5881 (3 variations known), 6922, 6EU7, 7199, EL84 (2 versions), 6P15P. Sovtek also markets 5U4G, 5Y3GT, 6SN7, 6SL7, two 12AX7s and a few other types made at other factories.
Rogers		[1925]		Rogers. Canada, Toronto. The first and only independant Canadian manufacturer. Founded 1925 under the name: Standard Radio Mfg. Corp. by Edward S. Rogers.
RFT		[1959]		Röhrenwerke der Deutschen Demokratischen Republik: WF - VEB Werk für Fernmeldewesen Berlin-Oberschöneweide, Ostendstrasse 1-5 W - VEB Funkwerk Erfurt, Rudolfstrasse 47 RWN - VEB Röhrenwerk "Anna Seghers" Neuhaus am Rennweg M - VEB Röhrenwerk Mühlhausen, Thüringen, Eisenacher Strasse 40
RWM		[1953]		VEB Röhrenwerk Mühlhausen, Thüringen, Eisenacher Strasse 40, DDR (East Germany).
RWN		old		VEB Röhrenwerke Neuhaus. Adress: Neuhaus am Rennweg, DDR (East Germany).
Röhrenwerk Anna Seghers		New [1963]		VEB Röhrenwerke Anna Segher, Neuhaus am Rennweg. DDR (East Germany). Tel 9632. This company name was used since 1963. From the old name RWN they only adopted the letter "N" in the logo. I found this sticker on their boxes: 
Ryazan				Ryazan Plant of Electronics, Ryazan: Makes power triodes for RF and audio applications. Some are sold outside Russia by Svetlana Electron Devices. Ryazan has also made large thyratrons and pulse tubes. Types in production: 811A (popular and sold all over the world), 812A, SV811-3, SV811-10, SV572-30, SV572-160, GM-100, others. SV types and 811A are made especially for Svetlana Electron Devices.
Shuguang				Largest Chinese Tube factory, In Beijing.
SER		[1960]		AB Svenska Elektronrör, Stockholm 20, Sverige

Siemens		[1964]		Siemens & Halske Aktiengesellschaft, Wernerwerk für Bauelemente, Berlin, Deutschland
STC		[1954]		Standard Telephones and Cables Limited, Radio Division, Oakleigh Road, New Southgate, London N.11, England
		[1961]		Standard Telephones and Cables Limited, Valve Division, Footscray, Kent, England
Svetlana Russia		[2010]		<p>Svetlana Electron Devices, St. Petersburg:</p> <p>Russian power-tube manufacturer, formerly a part of the Svetlana collective. Used to be a supplier for New Sensor USA, which company had (unknowingly by Svetlana) registered the brand name for some specific countries. Later, when New Sensor started to sell REFLEKTOR tubes under the Svetlana brand, Svetlana no longer supplied New Sensor. There was legal trouble over the Svetlana brand name, which dragged on a long time, and to my knowledge ended with New Sensor nor being allowed to ship their Svetlana branded REFLEKTOR tubes some parts of the world, but also restrictions for Svetlana to ship their tubes to USA. In all this struggle, Svetlana lost market penetration and there has always been confusion with people who makes what tubes. Sadly, this situation with New Sensor ended with the closure of the Svetlana factory. To keep it apart, New Sensor uses the "SED" logo whereas ORIGINAL Svetlana uses the "winged-C" logo. To my opinion their pentodes like EL34 etc are the finest and the best ever made by the tube industry, and should not to be confused with shady quality SED products.</p> <p>Types in production were: EL34, SV6L6GC, SV6550C, SV300B, EL509, EF86, 6BM8, 6AS7, 3CX300A1, 6D22S, GP-5, and a long list of large ceramic power types for amateur radio, broadcast, and industrial uses.</p>
Sylvania		[1952]		Sylvania Electric Products Inc., Electronics Division, Woburn, Massachusetts, U.S.A.
		[1963]		Sylvania Electric Products Inc., Receiving Tube Operations, Emporium, Pennsylvania, U.S.A.
Telefunken		[1925]		Gesellschaft für Drahtlose Telegraphie m.b.H., Berlin SW 11, Hallesches Ufer 12, Deutsches Reich
Teonex		England		England
		[1968]		Allgemeine Electricitäts-Gesellschaft AEG-Telefunken, Fachbereiche Röhren/Halbleiter Vertrieb, 7900 Ulm, Söflinger Strasse 100, Bundesrepublik Deutschland
TESLA	  			Very large Electronics company in Prague. They still exist, but production of radio tubes was stopped around 1990. Production tools for some of the HiFi tubes went to JJ.
TeKaDe		[1960]		TE-KA-DE, Süddeutsche Telefon-Apparate, Kabel- und Drahtwerke A.G., Schliessfach 870, Nürnberg 2, Deutschland
				- Thomson Tubes Electroniques (now Thales Electron Devices): formerly Thomson-CSF, nowadays concentrating on the larger industrial tubes but reportedly made receiving tubes until the 1990's, including 6550's.
Tung-Sol		[1947]		Tung-Sol Lamp Works Inc., Electronic Tube Division, Newark, New Jersey, U.S.A.
		[1958]		Tung-Sol Electric Inc., Electron Tube Division, Bloomfield, New Jersey, U.S.A.
		[1962]		Tung-Sol Electric Inc., One Summer Avenue, Newark 4, New Jersey, U.S.A.
Tunggram		[1958]		Tunggram Radio Works, Ltd., West Road, Tottenham, London, N.17, England

				Tungsram Radio, 112b, Rue Cardinet, Paris (17), France
				Tungsram Radio, Ujpest, Magyar
Uljanov				Ulyanov, Ulyanovsk, Russia. Large state-owned factory specializes in military equipment. Also makes tubes for use in military aircraft electronics. Continued production of tubes below cannot be confirmed at this time. Types in production: GU-50, GU-13/813, 6S33S-V, 6S19P, 6S41P, others. 6S33S-V (often kept in Cyrillic form, 6C33C-B) is becoming popular in high-end amplifiers in America and Japan.
VALVO		[1969]		Valvo GmbH, 2 Hamburg 1, Burchardstrasse 19, Valvo-Haus, Bundesrepublik Deutschland
Visseax				France
Voskhod				Voskhod, Kaluga: Large collective factory, makes many ICs and other semiconductors as well as receiving tubes. Types in production: Makes 6N1P-EV, 6AX7, 12AX7WA/WB, 6SN7, 6SL7 and a few other types sold by various firms outside Russia.
Westinghaus				Westinghaus, Canada.
Western Electric		[1938]		Closed in 1988
WF		[1953]		VEB Werk für Fernmeldewesen Berlin-Oberschöneeweide, Ostendstrasse 1-5, DDR.
WF		[1967]		VEB Werk für Fernsehetelektronik, 116 Berlin-Oberschöneeweide, Ostendstrasse 1-5, DDR.
Zaerix				London, England

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