

# Glossary

- acrylic** [N-COUNT-U4] An **acrylic** is a lightweight synthetic material that is used in the manufacture of clothing, paints, and many other products. **akryl**
- adhesive** [N-COUNT-U7] An **adhesive** is a product that holds two materials together, such as a glue or sealant. **klej**
- air compressor** [N-COUNT-U9] An **air compressor** is a type of generator that creates power by applying pressure to air. **sprężarka powietrza**
- alloy** [N-COUNT-U3] An **alloy** is mixture of two metals, or a mixture of a metal and a non-metal. **stop (np. metali)**
- aluminum** [N-UNCOUNT-U3] **Aluminum** is a strong, lightweight metal that is used to make cans and many other products. **aluminium**
- assembly** [N-UNCOUNT-U15] **Assembly** is the process of putting together the parts of something. **montaż, składanie (np. maszyny)**
- assembly line** [N-COUNT-U1] An **assembly line** is a system for making products in which each machine or worker adds or checks a particular part. **linia montażowa, taśma produkcyjna**
- automated** [ADJ-U15] If something is **automated**, it is performed by machines instead of by people directly. **zautomatyzowany**
- automobile** [N-COUNT-U2] An **automobile** is a machine, such as a car or truck, that is used for transportation and is usually powered by an engine. **samochód osobowy**
- band saw** [N-COUNT-U8] A **band saw** is a machine tool with steel blade that runs over wheels, and is used to cut various materials. **piła taśmowa**
- bearing** [N-COUNT-U11] A **bearing** is a part of a machine that holds a moving or rotating part. **łożysko (np. kulkowe)**
- belt** [N-COUNT-U10] A **belt** is a part of a machine with a flexible surface that moves along wheels, and is used to transport or move something else. **taśma (np. na taśmociągu), pas transmisyjny**
- blend** [N-COUNT-U4] A **blend** is something that is made from two or more materials. **mieszanka**
- boiler** [N-COUNT-U9] A **boiler** is a device that produces power by applying heat to water, creating steam. **kocioł, bojler**
- bolt** [N-COUNT-U7] A **bolt** is a round piece of metal with a ridge wrapping around it in a spiral, and is often used with a nut to hold two things together. **śruba, bolec**
- bond** [V-T-U14] To **bond** two things is to hold them together with a glue or sealant. **spoić (np. za pomocą kleju)**
- bore** [V-T-U14] To **bore** something is to create a hole in it with a tool. **wiercić, wywiercić otwór**
- break room** [N-COUNT-U1] A **break room** is a room in a factory or other workplace where employees may relax and eat meals when they are not working. **pokój socjalny, pomieszczenie socjalne**
- brittle** [ADJ-U5] If something is **brittle**, it breaks or cracks easily when it is bent or stretched. **kruchy**
- button** [N-COUNT-U10] A **button** is a part of a machine that an operator presses in order to start or stop a process. **przycisk**
- calibrate** [V-T-U10] To **calibrate** something is to adjust it so that it functions at a particular rate or in a precise way. **kalibrować, skalować**
- caliper** [N-COUNT-U6] A **caliper** is a device that measures the distance from one side of an object to the opposite side. **suwmiarka**
- cam** [N-COUNT-U11] A **cam** is a machine part that converts movement traveling in a circle into movement traveling in another direction. **krzywka (element konstrukcji mechanicznej)**
- Celsius** [ADJ-U13] If a measurement is **Celsius**, it uses the temperature scale in which water boils at 100 degrees and freezes at 0 degrees. **w skali Celsjusza, stopni Celsjusza**
- centimeter** [N-COUNT-U12] A centimeter is a metric unit of length or distance equal to 1/100 of a meter or about 0.40 inches. **centymetr**
- chainsaw** [N-COUNT-U8] A **chainsaw** is a handheld machine tool with a toothed chain that moves rapidly in a circular motion, and is used to cut various materials. **piła łańcuchowa, pilarka łańcuchowa**
- clamp** [N-COUNT-U6] A **clamp** is a device that locks around something in order to hold it firmly in a particular place or position. **zacisk, klamra**
- CNC** [ADJ-U9] If a machine is **CNC** (computer numerically controlled), the user operates it through an interface on a computer. **sterowany numerycznie**

**compensate** [V-I-U15] To **compensate** is to make adjustments to something in order to balance or offset changing conditions. **kompensować, równoważyć**

**component** [N-COUNT-U10] A **component** is one part of a larger machine or process. **składnik, komponent**

**concrete** [N-UNCOUNT-U3] **Concrete** is a hard material that is common in construction, and is made from a mixture of cement, gravel, water, and sand. **beton**

**conductor** [N-COUNT-U5] A **conductor** is a material that allows electricity to flow through it easily. **przewodnik (materiał przewodzący prąd)**

**construction** [N-UNCOUNT-U2] **Construction** is the process of designing and creating buildings or other structures. **budowa (proces budowania czegoś)**

**control room** [N-COUNT-U1] A **control room** is an area of factory or other industrial facility that contains operating equipment, and is used to monitor employee activity. **stanowisko kontrolne**

**convert** [V-T-U13] To **convert** something is to change it into a different form or system. **modyfikować, konwertować, przekształcać**

**coolant** [N-COUNT-U11] A **coolant** is a liquid that is used to keep a machine cool. **chłodziwo, płyn chłodzący**

**copper** [N-UNCOUNT-U3] **Copper** is a red-colored metal that conducts electricity very well, and is often used to make electrical products. **miedź**

**cotton** [N-UNCOUNT-U4] **Cotton** is a soft material that comes from a plant and is used to make clothing and many other products. **bawełna (tkanina)**

**cubic centimeter** [N-COUNT-U13] A **cubic centimeter**, also called a milliliter, is a metric unit of volume equal to 1/1,000 of a liter or about 0.03 fluid ounces. **centymetr sześcienny**

**cut** [V-T-U14] To **cut** something is to use a sharp edge to separate or open it. **ciąć, rozcinać, przecinać**

**cutters** [N-COUNT-U6] **Cutters** are a hand tool with two parts connected by a hinge, and are used for cutting through thin materials such as wire. **cażki**

**degree** [N-COUNT-U13] A **degree** is a unit of temperature, and may refer to different quantities depending on the temperature scale being used. **stopień (miara temperatury)**

**diameter** [N-COUNT-U12] A **diameter** is the distance from one side of a circle to the other, crossing through the center. **średnica**

**die** [N-COUNT-U10] A **die** is a part of a machine that is specially designed to cut or shape materials in a particular way. **matryca (do formowania kształtów)**

**drill** [N-COUNT-U8] A **drill** is a handheld machine tool with rotating metal rod that is used to make holes something. **wiertarka**

**drill press** [N-COUNT-U8] A **drill press** is a machine tool with a drill mounted over a surface that is used to make holes in something. **wiertarka stołowa, wiertarka stojakowa**

**dry** [V-T-U14] To **dry** something is to remove the moisture from it. **suszyć, osuszać**

**dryer** [N-COUNT-U9] A **dryer** is a device that is used to remove the moisture from something, usually with heat, air movement, or both. **suszarka**

**ductile** [ADJ-U5] If something is **ductile**, it is able to change shape when it is bent or stretched. **plastyczny, ciągliwy**

**edgebander** [N-COUNT-U8] An **edgebander** is a machine tool that is used to attach strips of material to the exposed edges of a piece of plywood, particle board, or other material. **okleiniarka**

**electronics** [N-COUNT-U2] **Electronics** are products that use electricity to perform a particular function, including computers, cell phones, televisions, and many other devices. **urządzenia elektroniczne**

**engine** [N-COUNT-U11] An **engine**, or motor, is a machine that converts fuel into power, and is often built into another machine as a power source. **silnik**

**factory** [N-COUNT-U1] A **factory**, or plant, is a building or group of buildings where products are manufactured. **fabryka**

**factory farming** [N-UNCOUNT-U2] **Factory farming** is the process of raising large numbers of animals in a factory setting for the purpose of food production. **chów przemysłowy**

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- factory floor** [N-COUNT-U1] The **factory floor** is the area of a factory where goods are produced. **hala fabryczna**
- Fahrenheit** [ADJ-U13] If a measurement is **Fahrenheit**, it uses the temperature scale in which water boils at 212 degrees and freezes at 32 degrees. **w skali Fahrenheita, stopni Fahrenheita**
- fastener** [N-COUNT-U7] A **fastener** is an object or device that attaches two things together. **łącznik, element mocujący, zapięcie, klamra**
- feed** [V-T-U14] To **feed** something into a machine is to place it in a designated place so that the machine can receive it and use it to perform a function. **podawać, wprowadzać**
- feeder** [N-COUNT-U11] A **feeder** is a part of a machine where raw materials are placed into the machine. **dozownik, podajnik**
- fiber** [N-COUNT-U4] A **fiber** is a material in the form of thin strips or threads, and is used to make textiles. **tu: włókno**
- fit** [V-T-U14] To **fit** two things is to place one thing securely into another thing. **dopasować, mocować**
- fluid ounce** [N-COUNT-U13] A **fluid ounce** is an imperial unit of volume equal to 1/128 gallon or about 29.57 milliliters. **uncja objętości**
- foot** [N-COUNT-U12] A **foot** is an imperial unit of length equal to 12 inches or about 0.30 meters. **stopa (miara długości wynosząca 30,48 cm)**
- forklift** [N-COUNT-U9] A **forklift** is a vehicle with a platform that can be raised or lowered to lift and transport materials. **wózek widłowy, podnośnik widłowy**
- fuel** [N-COUNT-U11] A **fuel** is a substance that is burned or consumed in order to produce power. **paliwo**
- gallon** [N-COUNT-U13] A **gallon** is an imperial unit of volume equal to about 3.79 liters. **galon (jednostka objętości wynosząca 4,55 l w Wielkiej Brytanii i 3,79 l w USA)**
- gasket** [N-COUNT-U11] A **gasket** is a ring made of metal, plastic, or rubber that is placed at the joint of two parts to prevent liquid or gas from escaping between the parts. **uszczelka**
- gear** [N-COUNT-U10] A **gear** is a part of a machine that rotates in order to drive a process. **koło zębate, przekładania zębata**
- generator** [N-COUNT-U9] A **generator** is a machine that produces power by converting mechanical energy into electricity. **generator, agregat prądowórczy**
- glass** [N-UNCOUNT-U3] **Glass** is a hard material that people can see through, and is used to make windows, containers, and many other products. **szkło**
- hammer** [N-COUNT-U6] A **hammer** is a hand tool that is used to strike something forcefully, often to attach a fastener or deform the shape of something. **młotek**
- hand tool** [N-COUNT-U6] A **hand tool** is a device that someone uses to perform a task, which is solely controlled by the user's hands rather than an electrical process. **narzędzie ręczne**
- hardness** [N-UNCOUNT-U5] **Hardness** is a measure of how well an object maintains its shape under stress. **twardość**
- heat sink** [N-COUNT-U9] A **heat sink** is a device that cools a machine by transferring heat away from it. **radiator**
- honoring machine** [N-COUNT-U8] A **honoring machine** is a machine tool with an abrasive component that rotates to create a smooth surface on metal. **gładzarka, honownica**
- housing** [N-COUNT-U10] A **housing** is the exterior part of a machine that covers and protects the functioning parts of it. **osłona, obudowa**
- imperial** [ADJ-U12] If a measurement is **imperial**, it uses the system that is based on the ounce and the gallon. **angielski (o systemie miar i wag)**
- inch** [N-COUNT-U12] An **inch** is an imperial unit of length equal to 1/12 of an inch or about 2.54 centimeters. **cal (2,54 cm)**
- industry** [N-COUNT-U2] An **industry** is an area of business that produces or provides a particular type of product. **przemysł**
- insulator** [N-COUNT-U5] An **insulator** is a material that does not allow electricity to flow through it easily. **izolator**
- intake** [N-COUNT-U11] An **intake** is a part of a machine where something, such as fuel, enters it. **wlot (np. paliwa, powietrza)**
- jam** [V-I-U15] To **jam** is to become stuck and unable to move properly. **zatkać się, zablokować się, zakleszczyć się**
- join** [V-T-U14] To **join** two things is to attach or combine them with each other. **łączyć, spajać**
- kiln** [N-COUNT-U9] A **kiln** is a chamber that can be heated to a very high temperature, and is used to dry, harden, or otherwise alter something. **piec (do wypalania, prażenia, suszenia)**

**kilogram** [N-COUNT-U12] A **kilogram** is a metric unit of weight equal to 1,000 grams or about 2.20 pounds. **kilogram** (ok. 2,2 funta)

**lathe** [N-COUNT-U8] A **lathe** is a machine tool that rotates a piece of material while shaping it with a sharp edge. **tokarka**

**length** [N-COUNT-U12] A **length** is a measurement of the distance along the edge of something. **długość**

**liter** [N-COUNT-U13] A **liter** is a metric unit of volume equal to 1,000 milliliters or about 0.26 gallons. **litr** (ok. 2,60 galona)

**loading dock** [N-COUNT-U1] The **loading dock** is an area outside of a factory where goods are loaded into and unloaded from vehicles. **strefa załadunku**

**locker room** [N-COUNT-U1] A **locker room** is a room where employees change their clothes and store personal belongings. **szatnia (np. w fabryce)**

**lumber** [N-UNCOUNT-U3] **Lumber** is wood from trees that is cut into strips, and is commonly used in construction. **drewno konstrukcyjne (używane w budownictwie)**

**luster** [N-COUNT-U5] **Luster** is a measure of how something reflects light, which determines whether it is dull or shiny. **połysk**

**machine tool** [N-COUNT-U8] A **machine tool** is a device that is powered by electricity, gas, or another power source, and is able to cut, shape, or otherwise alter various materials. **obrabiarka**

**malleable** [ADJ-U5] If something is **malleable**, it is able to change shape when it is under stress. **ciągliwy, giętki, kowalny**

**manual** [ADJ-U15] If something is **manual**, someone does it with his/her hands instead of with a machine. **ręczny, manualny**

**manufacturing** [N-UNCOUNT-U2] **Manufacturing** is the process of making products, usually in large quantities at once. **produkcja przemysłowa**

**mass produce** [V-T-U15] To **mass produce** something is to make large quantities of identical units. **produkować masowo**

**mechanism** [N-COUNT-U10] A **mechanism** is a set of parts that act together to perform a function. **mechanizm**

**medical** [ADJ-U2] If something is **medical**, it is related to the treatment of illnesses and injuries. **medyczny**

**metal** [N-COUNT-U3] A **metal** is a hard, shiny material that is derived from minerals beneath the Earth's surface. **metal**

**metalworking** [N-UNCOUNT-U2] **Metalworking** is the process of using metal to make products. **obróbka metali**

**meter** [N-COUNT-U12] A **meter** is a metric unit of length or distance equal to 100 centimeters or about 3.28 feet. **metr** (ok. 3,28 stopy)

**metric** [ADJ-U12] If a measurement is **metric**, it uses the system that is based on the gram and the liter. **metryczny** (np. system miar i wag)

**mill** [N-COUNT-U9] A **mill** is a machine tool with a surface, rod, or other component that is used to shape something. **frezarka**

**milliliter** [N-COUNT-U13] A **milliliter**, also called a cubic centimeter, is a metric unit of volume equal to 1/1,000 of a liter or about 0.03 fluid ounces. **mililitr (miara objętości równa ok. 1/1000 litra)**

**misalignment** [N-UNCOUNT-U15] **Misalignment** is the state of being in the wrong position in relation to something else. **niedopasowanie, nieprawidłowa geometria**

**mixer** [N-COUNT-U9] A **mixer** is a device that is used to blend soft or liquid substances together. **mikser, mieszadło elektryczne, mieszarka**

**monitor** [V-T-U14] To **monitor** something is to check its progress or quality over time. **monitorować**

**motor** [N-COUNT-U11] A **motor**, or engine, is a machine that converts fuel into power, and is often built into another machine as a power source. **silnik**

**nail** [N-COUNT-U7] A **nail** is a round, narrow piece of metal with a sharp point. A nail is driven into something in order to attach it to something else. **gwóźdź**

**natural** [ADJ-U5] If something is **natural**, it occurs in nature, and is not created by humans. **naturalny**

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- nut** [N-COUNT-U7] A **nut** is a round piece of metal with a hole in the middle that is twisted around a bolt or screw to hold it in place. **nakrętka**
- nylon** [N-UNCOUNT-U4] **Nylon** is a very strong, synthetic material that is used to make clothing, rope, and many other products. **nylon**
- office** [N-COUNT-U1] An **office** is a room or building in which employees perform professional tasks. **biuro**
- particle board** [N-UNCOUNT-U3] **Particle board** is a material that is made from compressed flakes or shavings of wood, and is often used to make furniture. **plyta wiórowa**
- plant** [N-COUNT-U1] A **plant**, or factory, is a building or group of buildings where products are manufactured. **fabryka, zakład produkcyjny**
- plastic** [N-COUNT-U4] A **plastic** is a strong material manufactured from chemicals, and is used to make a wide variety of products. **plastik**
- pliers** [N-COUNT-U6] **Pliers** are a tool with two parts connected by a hinge, and are used for gripping objects or bending wire. **kombinerki, szczypce, kleszcze**
- polyester** [N-UNCOUNT-U4] **Polyester** is a synthetic fabric that is used to make clothing and many other products. **poliester**
- pound** [N-COUNT-U12] A **pound** is an imperial unit of weight equal to 16 ounces or about 0.45 kilograms. **funt (miara wagi równa ok. 0,45 kg)**
- power nut runner** [N-COUNT-U8] A **power nut runner** is a handheld machine tool that twists a nut in order to tighten it. **wkrętarka akumulatorowa**
- product** [N-COUNT-U2] A **product** is something that a company makes and sells to customers. **produkt**
- production line** [N-COUNT-U1] A **production line** is any system of machines or workers that contributes to the manufacture of a product. **linia produkcyjna**
- regulator** [N-COUNT-U10] A **regulator** is a part of a machine that controls the way a process occurs, often by ensuring a consistent amount, degree, or speed of something. **regulator, urządzenie regulujące**
- rivet** [N-COUNT-U7] A **rivet** is a metal pin that is used to permanently join pieces of metal together. **nit**
- rubber** [N-UNCOUNT-U3] **Rubber** is a material that bends or stretches easily, and is used to make tires, shoes, and many other products. **guma**
- sander** [N-COUNT-U8] A **sander** is a machine tool with a flat, abrasive surface that vibrates to create a smooth surface on something. **szlifierka**
- saw** [N-COUNT-U6] A **saw** is a hand tool with a sharp edge that is used to cut through materials. **piła**
- screw** [N-COUNT-U7] A **screw** is a round piece of metal with a ridge wrapping around it in a spiral and a point at one end. A screw is twisted into something in order to attach it to something else. **śruba**
- screwdriver** [N-COUNT-U6] A **screwdriver** is a hand tool with a long, narrow piece that fits into the head of a screw, and is twisted to move the screw in or out of a position. **śrubokręt**
- sealant** [N-COUNT-U7] A **sealant** is a substance that joins objects or fills holes, often by being applied in a liquid form and then drying into a hard state. **szczeliwo, szpachlówka**
- shipping and receiving** [N-UNCOUNT-U1] **Shipping and receiving** is the act of sending and accepting goods by mail or another system of transport. **wysyłka i odbiór towaru**
- silicone** [N-UNCOUNT-U4] **Silicone** is a type of plastic that bends and stretches very easily, and is used in the manufacture of sealants, electronics, and many other products. **silikon**
- silk** [N-UNCOUNT-U4] **Silk** is a soft, smooth fabric that is made from threads produced by a particular type of worm. **jedwab**
- soldering iron** [N-COUNT-U8] A **soldering iron** is a handheld machine tool that produces heat in order to secure parts together with a liquid metal substance called solder. **lutownica**
- sort** [V-T-U14] To **sort** things is to organize them into different groups. **sortować**
- special-purpose machine** [N-COUNT-U15] A **special-purpose machine** is a machine that performs one very specific task. **maszyna specjalnego przeznaczenia**

**sprocket** [N-COUNT-U11] A **sprocket** is a wheel with a series of teeth around the edge that moves a chain as it rotates. **koło łańcuchowe, zębatka**

**stamp** [V-T-U14] To **stamp** something is to create a mark or imprint on it with a particular tool. **znakować, stemplować**

**staple** [N-COUNT-U7] A **staple** is a thin, U-shaped strip of metal with sharp points on each end that is used to attach two things. **zszywka, klamra**

**steel** [N-UNCOUNT-U3] **Steel** is an extremely strong metal that is manufactured from iron, and is commonly used in construction and the manufacture of large machinery. **stal**

**stone** [N-UNCOUNT-U3] **Stone** is a hard material that consists of natural rock, and is often used in construction. **kamień**

**switch** [N-COUNT-U10] A **switch** is a part of a machine that an operator moves into a particular position in order to start or stop a process. **przełącznik**

**synthetic** [ADJ-U5] If something is **synthetic**, it is created by humans. **syntetyczny**

**temperature** [N-COUNT-U13] A **temperature** is a measure of how hot or cold something is. **temperatura**

**tensile** [ADJ-U5] If something is **tensile**, it measures to the ability of a material to bend without breaking. **rozciągliwy, ciągliwy**

**textile** [N-COUNT-U2] A **textile** is a fabric that is created by knitting or weaving fibers together. **tkanina, materiał**

**ton** [N-COUNT-U12] A **ton** is an imperial unit of weight equal to 2,000 pounds, or about 0.91 tonne. It is important to note that ton and tonne are pronounced the same way, but they represent different values. **tona (miara angielska odpowiadająca ok. 0,91 tony w systemie metrycznym)**

**tonne** [N-COUNT-U12] A **tonne** is a metric unit of weight equal to 1,000 kilograms, or about 1.10 tons. It is important to note that tonne and ton are pronounced the same way, but they represent different values. **tona (miara angielska odpowiadająca ok. 1,10 tony w systemie metrycznym)**

**tool crib** [N-COUNT-U6] A **tool crib** is a collection of all the different tools that are required to perform a particular task or set of tasks. **szafka narzędziowa**

**tooth** [N-COUNT-U11] A **tooth** is a small, pointed part on a machine part such as a gear or sprocket, and allows the part to grab other materials. **ząb (np. w kole zębatym)**

**valve** [N-COUNT-U10] A **valve** is a part of a machine that controls the flow of something through an opening, and may allow or block the flow. **zawór**

**variation** [N-COUNT-U15] A **variation** is a slight difference between two things, so that they are still mostly similar but not exactly the same. **odmiana, wariacja**

**volume** [N-COUNT-U13] A **volume** is a measure of how much three-dimensional space something occupies. **tu: objętość**

**washer** [N-COUNT-U7] A **washer** is a ring, often made of metal or plastic, that is placed around a fastener to make it fit more tightly. **podkładka, uszczelka (pod nakrętkę)**

**weight** [N-UNCOUNT-U12] **Weight** is a measurement of how heavy something is. **waga, ciężar**

**wheel** [N-COUNT-U11] A **wheel** is a round part of a machine that rotates in order to perform a function. **tu: kółko (w maszynie)**

**wire** [V-T-U14] To **wire** something is to install electrical components inside it so that it can perform an electronic function. **tu: okablować, przygotować urządzenie do podłączenia do prądu**

**woodworking** [N-UNCOUNT-U2] **Woodworking** is the process of using wood to make products. **stolarka, wykonywanie przedmiotów z drewna**

**wool** [N-UNCOUNT-U4] **Wool** is a soft, thick hair that grows on a sheep or other animal, and is used to make clothing and many other products. **włna**

**workstation** [N-COUNT-U15] A **workstation** is an area where a worker performs a particular task. **stanowisko pracy, stanowisko robocze**

**wrench** [N-COUNT-U6] A **wrench** is a hand tool that is designed to twist or turn an object, usually a fastener, by grasping it from opposite sides. **klucz**