

## **Section XVI**

### **MACHINERY AND MECHANICAL APPLIANCES; ELECTRICAL EQUIPMENT; PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES**

#### **Notes.**

1.- This Section does not cover :

- (a) Transmission or conveyor belts or belting, of plastics of Chapter 39, or of vulcanised rubber (heading 40.10), or other articles of a kind used in machinery or mechanical or electrical appliances or for other technical uses, of vulcanised rubber other than hard rubber (heading 40.16);
- (b) Articles of leather or of composition leather (heading 42.05) or of furskin (heading 43.03), of a kind used in machinery or mechanical appliances or for other technical uses;
- (c) Bobbins, spools, cops, cones, cores, reels or similar supports, of any material (for example, Chapter 39, 40, 44 or 48 or Section XV);
- (d) Perforated cards for Jacquard or similar machines (for example, Chapter 39 or 48 or Section XV);
- (e) Transmission or conveyor belts or belting, of textile material (heading 59.10) or other articles of textile material for technical uses (heading 59.11);
- (f) Precious or semi-precious stones (natural, synthetic or reconstructed) of headings 71.02 to 71.04, or articles wholly of such stones of heading 71.16, except unmounted worked sapphires and diamonds for styli (heading 85.22);
- (g) Parts of general use, as defined in Note 2 to Section XV, of base metal (Section XV), or similar goods of plastics (Chapter 39);
- (h) Drill pipe (heading 73.04);
- (ij) Endless belts of metal wire or strip (Section XV);
- (k) Articles of Chapter 82 or 83;
- (l) Articles of Section XVII;
- (m) Articles of Chapter 90;
- (n) Clocks, watches or other articles of Chapter 91;
- (o) Interchangeable tools of heading 82.07 or brushes of a kind used as parts of machines (heading 96.03); similar interchangeable tools are to be classified according to the constituent material of their working part (for example, in Chapter 40, 42, 43, 45 or 59 or heading 68.04 or 69.09);
- (p) Articles of Chapter 95; or
- (q) Typewriter or similar ribbons, whether or not on spools or in cartridges (classified according to their constituent material, or in heading 96.12 if inked or otherwise prepared for giving impressions), or monopods, bipods, tripods and similar articles, of heading 96.20

2.- Subject to Note 1 to this Section, Note 1 to Chapter 84 and to Note 1 to Chapter 85, parts of machines (not being parts of the articles of heading 84.84, 85.44, 85.45, 85.46 or 85.47) are to be classified according to the following rules :

- (a) Parts which are goods included in any of the headings of Chapter 84 or 85 (other than headings 84.09, 84.31, 84.48, 84.66, 84.73, 84.87, 85.03, 85.22, 85.29, 85.38 and 85.48) are in all cases to be classified in their respective headings;
- (b) Other parts, if suitable for use solely or principally with a particular kind of machine, or with a number of machines of the same heading (including a machine of heading 84.79 or 85.43) are to be classified with the machines of that kind or in heading 84.09, 84.31, 84.48, 84.66, 84.73, 85.03, 85.22, 85.29 or 85.38 as appropriate. However, parts which are equally suitable for use principally with the goods of headings 85.17 and 85.25 to 85.28 are to be classified in heading 85.17, and parts which are suitable for use solely or principally with the goods of heading 85.24 are to be classified in heading 85.29;

- (c) All other parts are to be classified in heading 84.09, 84.31, 84.48, 84.66, 84.73, 85.03, 85.22, 85.29 or 85.38 as appropriate or, failing that, in heading 84.87 or 85.48.
- 3.- Unless the context otherwise requires, composite machines consisting of two or more machines fitted together to form a whole and other machines designed for the purpose of performing two or more complementary or alternative functions are to be classified as if consisting only of that component or as being that machine which performs the principal function.
- 4.- Where a machine (including a combination of machines) consists of individual components (whether separate or interconnected by piping, by transmission devices, by electric cables or by other devices) intended to contribute together to a clearly defined function covered by one of the headings in Chapter 84 or Chapter 85, then the whole falls to be classified in the heading appropriate to that function.
- 5.- For the purposes of these Notes, the expression “machine” means any machine, machinery, plant, equipment, apparatus or appliance cited in the headings of Chapter 84 or 85.
- 6.- (A) Throughout the Nomenclature, the expression “electrical and electronic waste and scrap” means electrical and electronic assemblies, printed circuit boards, and electrical or electronic articles that :
- (i) have been rendered unusable for their original purposes by breakage, cutting-up or other processes or are economically unsuitable for repair, refurbishment or renovation to render them fit for their original purposes; and
  - (ii) are packaged or shipped in a manner not intended to protect individual articles from damage during transportation, loading and unloading operations.
- (B) Mixed consignments of “electrical and electronic waste and scrap” and other waste and scrap are to be classified in heading 85.49.
- (C) This Section does not cover municipal waste, as defined in Note 4 to Chapter 38.

## Chapter 84

### **Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof**

#### **Notes.**

- 1.- This Chapter does not cover :
- (a) Millstones, grindstones or other articles of Chapter 68;
  - (b) Machinery or appliances (for example, pumps) of ceramic material and ceramic parts of machinery or appliances of any material (Chapter 69);
  - (c) Laboratory glassware (heading 70.17); machinery, appliances or other articles for technical uses or parts thereof, of glass (heading 70.19 or 70.20);
  - (d) Articles of heading 73.21 or 73.22 or similar articles of other base metals (Chapters 74 to 76 or 78 to 81);
  - (e) Vacuum cleaners of heading 85.08;
  - (f) Electro-mechanical domestic appliances of heading 85.09; digital cameras of heading 85.25;
  - (g) Radiators for the articles of Section XVII; or
  - (h) Hand-operated mechanical floor sweepers, not motorised (heading 96.03).
- 2.- Subject to the operation of Note 3 to Section XVI and subject to Note 11 to this Chapter, a machine or appliance which answers to a description in one or more of the headings 84.01 to 84.24, or heading 84.86 and at the same time to a description in one or more of the headings 84.25 to 84.80 is to be classified under the appropriate heading of the former group or under heading 84.86, as the case may be, and not the latter group.
- (A) Heading 84.19 does not, however, cover :
- (i) Germination plant, incubators or brooders (heading 84.36);
  - (ii) Grain dampening machines (heading 84.37);
  - (iii) Diffusing apparatus for sugar juice extraction (heading 84.38);
  - (iv) Machinery for the heat-treatment of textile yarns, fabrics or made up textile articles (heading 84.51); or

(v) Machinery, plant or laboratory equipment, designed for a mechanical operation, in which a change of temperature, even if necessary, is subsidiary.

(B) Heading 84.22 does not cover :

- (i) Sewing machines for closing bags or similar containers (heading 84.52); or
- (ii) Office machinery of heading 84.72.

(C) Heading 84.24 does not cover :

- (i) Ink-jet printing machines (heading 84.43); or
- (ii) Water-jet cutting machines (heading 84.56).

3.- A machine-tool for working any material which answers to a description in heading 84.56 and at the same time to a description in heading 84.57, 84.58, 84.59, 84.60, 84.61, 84.64 or 84.65 is to be classified in heading 84.56.

4.- Heading 84.57 applies only to machine-tools for working metal, other than lathes (including turning centres), which can carry out different types of machining operations either :

- (a) by automatic tool change from a magazine or the like in conformity with a machining programme (machining centres),
- (b) by the automatic use, simultaneously or sequentially, of different unit heads working on a fixed position workpiece (unit construction machines, single station), or
- (c) by the automatic transfer of the workpiece to different unit heads (multi-station transfer machines).

5.- For the purposes of heading 84.62, a “slitting line” for flat products is a processing line composed of an uncoiler, a coil flattener, a slitter and a recoiler. A “cut-to-length line” for flat products is a processing line composed of an uncoiler, a coil flattener, and a shear.

6.- (A) For the purposes of heading 84.71, the expression “automatic data processing machines” means machines capable of :

- (i) Storing the processing program or programs and at least the data immediately necessary for the execution of the program;
- (ii) Being freely programmed in accordance with the requirements of the user;
- (iii) Performing arithmetical computations specified by the user; and
- (iv) Executing, without human intervention, a processing program which requires them to modify their execution, by logical decision during the processing run.

(B) Automatic data processing machines may be in the form of systems consisting of a variable number of separate units.

(C) Subject to paragraphs (D) and (E) below, a unit is to be regarded as being part of an automatic data processing system if it meets all of the following conditions :

- (i) It is of a kind solely or principally used in an automatic data processing system;
- (ii) It is connectable to the central processing unit either directly or through one or more other units; and
- (iii) It is able to accept or deliver data in a form (codes or signals) which can be used by the system.

Separately presented units of an automatic data processing machine are to be classified in heading 84.71.

However, keyboards, X-Y co-ordinate input devices and disk storage units which satisfy the conditions of paragraphs (C) (ii) and (C) (iii) above, are in all cases to be classified as units of heading 84.71.

(D) Heading 84.71 does not cover the following when presented separately, even if they meet all of the conditions set forth in Note 6 (C) above :

- (i) Printers, copying machines, facsimile machines, whether or not combined;
- (ii) Apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network);
- (iii) Loudspeakers and microphones;

- (iv) Television cameras, digital cameras and video camera recorders;
  - (v) Monitors and projectors, not incorporating television reception apparatus.
- (E) Machines incorporating or working in conjunction with an automatic data processing machine and performing a specific function other than data processing are to be classified in the headings appropriate to their respective functions or, failing that, in residual headings.
- 7.- Heading 84.82 applies, *inter alia*, to polished steel balls, the maximum and minimum diameters of which do not differ from the nominal diameter by more than 1 % or by more than 0.05 mm, whichever is less.
- Other steel balls are to be classified in heading 73.26.
- 8.- A machine which is used for more than one purpose is, for the purposes of classification, to be treated as if its principal purpose were its sole purpose.
- Subject to Note 2 to this Chapter and Note 3 to Section XVI, a machine the principal purpose of which is not described in any heading or for which no one purpose is the principal purpose is, unless the context otherwise requires, to be classified in heading 84.79.
- Heading 84.79 also covers machines for making rope or cable (for example, stranding, twisting or cabling machines) from metal wire, textile yarn or any other material or from a combination of such materials.
- 9.- For the purposes of heading 84.70, the term “pocket-size” applies only to machines the dimensions of which do not exceed 170 mm x 100 mm x 45 mm.
- 10.- For the purposes of heading 84.85, the expression “additive manufacturing” (also referred to as 3D printing) means the formation of physical objects, based on a digital model, by the successive addition and layering, and consolidation and solidification, of material (for example, metal, plastics or ceramics).
- Subject to Note 1 to Section XVI and Note 1 to Chapter 84, machines answering to the description in heading 84.85 are to be classified in that heading and in no other heading of the Nomenclature.
- 11.- (A) Notes 12 (a) and 12 (b) to Chapter 85 also apply with respect to the expressions “semiconductor devices” and “electronic integrated circuits”, respectively, as used in this Note and in heading 84.86. However, for the purposes of this Note and of heading 84.86, the expression “semiconductor devices” also covers photosensitive semiconductor devices and light emitting diodes (LED).
- (B) For the purposes of this Note and of heading 84.86, the expression “manufacture of flat panel displays” covers the fabrication of substrates into a flat panel. It does not cover the manufacture of glass or the assembly of printed circuit boards or other electronic components onto the flat panel. The expression “flat panel display” does not cover cathode-ray tube technology.
- (C) Heading 84.86 also includes machines and apparatus solely or principally of a kind used for :
- (i) the manufacture or repair of masks and reticles;
  - (ii) assembling semiconductor devices or electronic integrated circuits;
  - (iii) lifting, handling, loading or unloading of boules, wafers, semiconductor devices, electronic integrated circuits and flat panel displays.
- (D) Subject to Note 1 to Section XVI and Note 1 to Chapter 84, machines and apparatus answering to the description in heading 84.86 are to be classified in that heading and in no other heading of the Nomenclature.

#### **Subheading Notes.**

- 1.- For the purposes of subheading 8465.20, the term “machining centres” applies only to machine-tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials, which can carry out different types of machining operations by automatic tool change from a magazine or the like in conformity with a machining programme.
- 2.- For the purposes of subheading 8471.49, the term “systems” means automatic data processing machines whose units satisfy the conditions laid down in Note 6 (C) to Chapter 84 and which comprise at least a central processing unit, one input unit (for example, a keyboard or a scanner), and one output unit (for example, a visual display unit or a printer).

3.- For the purposes of subheading 8481.20, the expression “valves for oleohydraulic or pneumatic transmissions” means valves which are used specifically in the transmission of “fluid power” in a hydraulic or pneumatic system, where the energy source is supplied in the form of pressurised fluids (liquid or gas). These valves may be of any type (for example, pressure-reducing type, check type). Subheading 8481.20 takes precedence over all other subheadings of heading 84.81.

4.- Subheading 8482.40 applies only to bearings with cylindrical rollers of a uniform diameter not exceeding 5 mm and having a length which is at least three times the diameter. The ends of the rollers may be rounded.

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
<b>84.01</b>		<b>Nuclear reactors; fuel elements (cartridges), non-irradiated, for nuclear reactors; machinery and apparatus for isotopic separation.</b>					
	8401.10.00.00	- Nuclear reactors	kg	5	0	0	0
	8401.20.00.00	- Machinery and apparatus for isotopic separation, and parts thereof	kg	5	0	0	0
	8401.30.00.00	- Fuel elements (cartridges), non-irradiated	kg	5	0	0	0
	8401.40.00.00	- Parts of nuclear reactors	kg	5	0	0	0
<b>84.02</b>		<b>Steam or other vapour generating boilers (other than central heating hot water boilers capable also of producing low pressure steam); super-heated water boilers.</b>					
		- Steam or other vapour generating boilers :					
	8402.11.00.00	-- Watertube boilers with a steam production exceeding 45 t per hour	kg	5	0	0	0
	8402.12.00.00	-- Watertube boilers with a steam production not exceeding 45 t per hour	kg	5	0	0	0
	8402.19.00.00	-- Other vapour generating boilers, including hybrid boilers	kg	5	0	0	0
	8402.20.00.00	- Super-heated water boilers	kg	5	0	0	0
	8402.90.00.00	- Parts	kg	5	0	0	0
<b>84.03</b>		<b>Central heating boilers other than those of heading 84.02.</b>					
	8403.10.00.00	- Boilers	u	5	0	0	0
	8403.90.00.00	- Parts	kg	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
<b>84.04</b>		<b>Auxiliary plant for use with boilers of heading 84.02 or 84.03 (for example, economisers, super-heaters, soot removers, gas recoverers); condensers for steam or other vapour power units.</b>					
	8404.10.00.00	- Auxiliary plant for use with boilers of heading 84.02 or 84.03	kg	5	0	0	0
	8404.20.00.00	- Condensers for steam or other vapour power units	kg	5	0	0	0
	8404.90.00.00	- Parts	kg	5	0	0	0
<b>84.05</b>		<b>Producer gas or water gas generators, with or without their purifiers; acetylene gas generators and similar water process gas generators, with or without their purifiers.</b>					
	8405.10.00.00	- Producer gas or water gas generators, with or without their purifiers; acetylene gas generators and similar water process gas generators, with or without their purifiers	kg	5	0	0	0
	8405.90.00.00	- Parts	kg	5	0	0	0
<b>84.06</b>		<b>Steam turbines and other vapour turbines.</b>					
	8406.10.00.00	- Turbines for marine propulsion	u	5	0	0	0
		- Other turbines :					
	8406.81.00.00	-- Of an output exceeding 40 MW	u	5	0	0	0
	8406.82.00.00	-- Of an output not exceeding 40 MW	u	5	0	0	0
	8406.90.00.00	- Parts	kg	5	0	0	0
<b>84.07</b>		<b>Spark-ignition reciprocating or rotary internal combustion piston engines.</b>					
	8407.10.00.00	- Aircraft engines	u	10	7.5	0	0
		- Marine propulsion engines :					
	8407.21.00.00	-- Outboard motors	u	5	7.5	0	0
	8407.29.00.00	-- Other	u	10	7.5	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
		- Reciprocating piston engines of a kind used for the propulsion of vehicles of Chapter 87 :					
		-- Of a cylinder capacity not exceeding 50 cc:					
	8407.31.10.00	--- For the assembly industries	u	5	7.5	0	0
	8407.31.90.00	--- Other	u	10	7.5	0	0
		-- Of a cylinder capacity exceeding 50 cc but not exceeding 250 cc:			7.5	0	0
	8407.32.10.00	--- For the assembly industries	u	5	7.5	0	0
	8407.32.90.00	--- Other	u	10	7.5	0	0
	8407.33.00.00	-- Of a cylinder capacity exceeding 250 cc but not exceeding 1,000 cc	u	10	7.5	0	0
	8407.34.00.00	-- Of a cylinder capacity exceeding 1,000 cc	u	10	7.5	0	0
	8407.90.00.00	- Other engines	u	10	7.5	0	0
<b>84.08</b>		<b>Compression-ignition internal combustion piston engines (diesel or semi-diesel engines).</b>					
	8408.10.00.00	- Marine propulsion engines	u	10	7.5	0	0
	8408.20.00.00	- Engines of a kind used for the propulsion of vehicles of Chapter 87	u	10	7.5	0	0
	8408.90.00.00	- Other engines	u	10	7.5	0	0
<b>84.09</b>		<b>Parts suitable for use solely or principally with the engines of heading 84.07 or 84.08.</b>					
	8409.10.00.00	- For aircraft engines	kg	10	7.5	0	0
		- Other :					
	8409.91.00.00	-- Suitable for use solely or principally with spark-ignition internal combustion piston engines	kg	10	7.5	0	0
	8409.99.00.00	-- Other	kg	10	7.5	0	0
<b>84.10</b>		<b>Hydraulic turbines, water wheels, and regulators therefor.</b>					
		- Hydraulic turbines and water wheels :					
	8410.11.00.00	-- Of a power not exceeding 1,000 kW	u	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8410.12.00.00	-- Of a power exceeding 1,000 kW but not exceeding 10,000 kW	u	5	0	0	0
	8410.13.00.00	-- Of a power exceeding 10,000 kW	u	5	0	0	0
	8410.90.00.00	- Parts, including regulators	kg	5	0	0	0
<b>84.11</b>		<b>Turbo-jets, turbo-propellers and other gas turbines.</b>					
		- Turbo-jets :					
	8411.11.00.00	-- Of a thrust not exceeding 25 kN	u	5	0	0	0
	8411.12.00.00	-- Of a thrust exceeding 25 kN	u	5	0	0	0
		- Turbo-propellers :					
	8411.21.00.00	-- Of a power not exceeding 1,100 kW	u	5	0	0	0
	8411.22.00.00	-- Of a power exceeding 1,100 kW	u	5	0	0	0
		- Other gas turbines :					
	8411.81.00.00	-- Of a power not exceeding 5,000 kW	u	5	0	0	0
	8411.82.00.00	-- Of a power exceeding 5,000 kW	u	5	0	0	0
		- Parts :					
	8411.91.00.00	-- Of turbo-jets or turbo-propellers	kg	5	0	0	0
	8411.99.00.00	-- Other	kg	5	0	0	0
<b>84.12</b>		<b>Other engines and motors.</b>					
	8412.10.00.00	- Reaction engines other than turbo-jets	u	5	0	0	0
		- Hydraulic power engines and motors :					
	8412.21.00.00	-- Linear acting (cylinders)	u	5	0	0	0
	8412.29.00.00	-- Other	u	5	0	0	0
		- Pneumatic power engines and motors :					
	8412.31.00.00	-- Linear acting (cylinders)	u	5	0	0	0
	8412.39.00.00	-- Other	u	5	0	0	0
	8412.80.00.00	- Other	u	5	0	0	0
	8412.90.00.00	- Parts	kg	5	0	0	0
<b>84.13</b>		<b>Pumps for liquids, whether or not fitted with a measuring device; liquid elevators.</b>					
		- Pumps fitted or designed to be fitted with a measuring device :					
	8413.11.00.00	-- Pumps for dispensing fuel or lubricants, of the type used in filling-stations or in garages	u	10	7.5	0	0



Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8413.19.00.00	-- Other	u	10	7.5	0	0
	8413.20.00.00	- Hand pumps, other than those of subheading 8413.11 or 8413.19	u	5	7.5	0	0
	8413.30.00.00	- Fuel, lubricating or cooling medium pumps for internal combustion piston engines	u	10	7.5	0	0
	8413.40.00.00	- Concrete pumps	u	5	0	0	0
	8413.50.00.00	- Other reciprocating positive displacement pumps	u	5	0	0	0
	8413.60.00.00	- Other rotary positive displacement pumps	u	5	0	0	0
	8413.70.00.00	- Other centrifugal pumps	u	5	0	0	0
		- Other pumps; liquid elevators :					
	8413.81.00.00	-- Pumps	u	5	0	0	0
	8413.82.00.00	-- Liquid elevators	u	5	0	0	0
		- Parts :					
		-- Of pumps:					
	8413.91.10.00	--- For motor vehicles	kg	5	7.5	0	0
	8413.91.20.00	--- For hand pumps	kg	5	7.5	0	0
	8413.91.90.00	--- Other	kg	5	7.5	0	0
	8413.92.00.00	-- Of liquid elevators	kg	5	0	0	0
<b>84.14</b>		<b>Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters; gas-tight biological safety cabinets, whether or not fitted with filters.</b>					
	8414.10.00.00	- Vacuum pumps	u	5	0	0	0
		- Hand- or foot-operated air pumps:					
	8414.20.10.00	-- For the inflation of tyres	u	20	7.5	0	0
	8414.20.90.00	-- Other	u	20	7.5	0	0
		- Compressors of a kind used in refrigerating equipment:					
	8414.30.10.00	-- For the assembly industries	u	5	7.5	0	0
	8414.30.90.00	-- Other	u	10	7.5	0	0
	8414.40.00.00	- Air compressors mounted on a wheeled chassis for towing	u	10	0	0	0
		- Fans :					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8414.51.00.00	-- Table, floor, wall, window, ceiling or roof fans, with a self-contained electric motor of an output not exceeding 125 W	u	20	7.5	0	0
	8414.59.00.00	-- Other	u	20	7.5	0	0
	8414.60.00.00	- Hoods having a maximum horizontal side not exceeding 120 cm	u	20	7.5	0	0
	8414.70.00.00	- Gas-tight biological safety cabinets	u	20	7.5	0	0
		- Other:					
	8414.80.10.00	-- Industrial air compressors	u	5	0	0	0
	8414.80.90.00	-- Other	u	20	7.5	0	0
		- Parts:					
	8414.90.10.00	-- Of sub heading 8414.20 to 8414.51	kg	10	7.5	0	0
	8414.90.90.00	-- Other	kg	10	7.5	0	0
<b>84.15</b>		<b>Air conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity, including those machines in which the humidity cannot be separately regulated.</b>					
		- Of a kind designed to be fixed to a window, wall, ceiling or floor, self-contained or "split-system":					
	8415.10.10.00	-- Presented completely knocked down or unassembled for the assembly industry	u	5	7.5	0	0
	8415.10.90.00	-- Other	u	20	7.5	0	0
	8415.20.00.00	- Of a kind used for persons, in motor vehicles	u	20	7.5	0	0
		- Other :					
	8415.81.00.00	-- Incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps)	u	20	7.5	0	0
	8415.82.00.00	-- Other, incorporating a refrigerating unit	u	20	0	0	0
	8415.83.00.00	-- Not incorporating a refrigerating unit	u	20	0	0	0
		- Parts:					
	8415.90.10.00	-- For the assembly industry	kg	5	0	0	0
	8415.90.90.00	-- Other	kg	10	7.5	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
<b>84.16</b>		<b>Furnace burners for liquid fuel, for pulverised solid fuel or for gas; mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances.</b>					
	8416.10.00.00	- Furnace burners for liquid fuel	kg	5	0	0	0
	8416.20.00.00	- Other furnace burners, including combination burners	kg	5	0	0	0
	8416.30.00.00	- Mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances	kg	5	0	0	0
	8416.90.00.00	- Parts	kg	5	0	0	0
<b>84.17</b>		<b>Industrial or laboratory furnaces and ovens, including incinerators, non-electric.</b>					
	8417.10.00.00	- Furnaces and ovens for the roasting, melting or other heat-treatment of ores, pyrites or of metals	u	5	0	0	0
	8417.20.00.00	- Bakery ovens, including biscuit ovens	u	5	0	0	0
	8417.80.00.00	- Other	u	5	0	0	0
	8417.90.00.00	- Parts	kg	5	0	0	0
<b>84.18</b>		<b>Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.</b>					
		- Combined refrigerator-freezers, fitted with separate external doors or drawers, or combinations thereof:					
	8418.10.10.00	-- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	7.5	0	0
	8418.10.90.00	-- Other	u	20	7.5	0	0
		- Refrigerators, household type :					
		-- Compression-type:					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8418.21.10.00	--- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	7.5	0	0
	8418.21.90.00	--- Other	u	20	7.5	0	0
		-- Other:					
	8418.29.10.00	--- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	7.5	0	0
	8418.29.90.00	--- Other	u	20	7.5	0	0
		- Freezers of the chest type, not exceeding 800 l capacity:					
	8418.30.10.00	-- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	7.5	0	0
	8418.30.90.00	-- Other	u	20	7.5	0	0
		- Freezers of the upright type, not exceeding 900 l capacity:					
	8418.40.10.00	-- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	7.5	0	0
	8418.40.90.00	-- Other	u	20	7.5	0	0
		- Other furniture (chests, cabinets, display counters, show-cases and the like) for storage and display, incorporating refrigerating or freezing equipment:					
	8418.50.10.00	-- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	7.5	0	0
	8418.50.90.00	-- Other	u	20	7.5	0	0
		- Other refrigerating or freezing equipment; heat pumps :					
	8418.61.00.00	-- Heat pumps other than air conditioning machines of heading 84.15	u	5	0	0	0
	8418.69.00.00	-- Other	kg	5	0	0	0
		- Parts :					
	8418.91.00.00	-- Furniture designed to receive refrigerating or freezing equipment	kg	5	7.5	0	0
	8418.99.00.00	-- Other	kg	5	7.5	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
84.19		<b>Machinery, plant or laboratory equipment, whether or not electrically heated (excluding furnaces, ovens and other equipment of heading 85.14), for the treatment of materials by a process involving a change of temperature such as heating, cooking, roasting, distilling, rectifying, sterilising, pasteurising, steaming, drying, evaporating, vaporising, condensing or cooling, other than machinery or plant of a kind used for domestic purposes; instantaneous or storage water heaters, non-electric.</b>					
		- Instantaneous or storage water heaters, non-electric :					
	8419.11.00.00	-- Instantaneous gas water heaters	u	20	7.5	0	0
	8419.12.00.00	-- Solar water heaters	u	5	0	0	0
	8419.19.00.00	-- Other	u	20	7.5	0	0
	8419.20.00.00	- Medical, surgical or laboratory sterilisers	u	5	0	0	0
		- Dryers :					
	8419.33.00.00	-- Lyophilisation apparatus, freeze drying units and spray dryers	u	5	0	0	0
	8419.34.00.00	-- Other, for agricultural products	u	5	0	0	0
	8419.35.00.00	-- Other, for wood, paper pulp, paper or paperboard	u	5	0	0	0
	8419.39.00.00	-- Other	u	5	0	0	0
	8419.40.00.00	- Distilling or rectifying plant	u	5	0	0	0
	8419.50.00.00	- Heat exchange units	u	5	0	0	0
	8419.60.00.00	- Machinery for liquefying air or other gases	u	5	0	0	0
		- Other machinery, plant and equipment :					
	8419.81.00.00	-- For making hot drinks or for cooking or heating food	u	10	0	0	0
	8419.89.00.00	-- Other	u	10	0	0	0
	8419.90.00.00	- Parts	kg	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
<b>84.20</b>		<b>Calendering or other rolling machines, other than for metals or glass, and cylinders therefor.</b>					
	8420.10.00.00	- Calendering or other rolling machines	u	10	0	0	0
		- Parts :					
	8420.91.00.00	-- Cylinders	kg	5	0	0	0
	8420.99.00.00	-- Other	kg	5	0	0	0
<b>84.21</b>		<b>Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases.</b>					
		- Centrifuges, including centrifugal dryers :					
	8421.11.00.00	-- Cream separators	u	10	0	0	0
	8421.12.00.00	-- Clothes-dryers	u	10	0	0	0
	8421.19.00.00	-- Other	u	10	0	0	0
		- Filtering or purifying machinery and apparatus for liquids :					
		-- For filtering or purifying water:					
	8421.21.10.00	--- Domestic type	u	5	7.5	0	0
	8421.21.90.00	--- Other	u	5	0	0	0
		-- For filtering or purifying beverages other than water:					
	8421.22.10.00	--- Domestic type	u	5	7.5	0	0
	8421.22.90.00	--- Other	u	5	0	0	0
	8421.23.00.00	-- Oil or petrol-filters for internal combustion engines	u	5	7.5	0	0
	8421.29.00.00	-- Other	u	5	0	0	0
		- Filtering or purifying machinery and apparatus for gases :					
	8421.31.00.00	-- Intake air filters for internal combustion engines	u	5	7.5	0	0
	8421.32.00.00	-- Catalytic converters or particulate filters, whether or not combined, for purifying or filtering exhaust gases from internal combustion engines	u	5	7.5	0	0
		-- Other:					
	8421.39.10.00	--- "Filter dryers" for refrigerators and freezers	u	5	0	0	0
	8421.39.90.00	--- Other	u	5	0	0	0
		- Parts :					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8421.91.00.00	-- Of centrifuges, including centrifugal dryers	kg	5	0	0	0
	8421.99.00.00	-- Other	kg	5	0	0	0
<b>84.22</b>		<b>Dish washing machines; machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; other packing or wrapping machinery (including heat-shrink wrapping machinery); machinery for aerating beverages.</b>					
		- Dish washing machines :					
	8422.11.00.00	-- Of the household type	u	20	7.5	0	0
	8422.19.00.00	-- Other	u	5	0	0	0
	8422.20.00.00	- Machinery for cleaning or drying bottles or other containers	u	5	0	0	0
	8422.30.00.00	- Machinery for filling, closing, sealing, or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; machinery for aerating beverages	u	5	0	0	0
	8422.40.00.00	- Other packing or wrapping machinery (including heat-shrink wrapping machinery)	u	5	0	0	0
	8422.90.00.00	- Parts	kg	5	0	0	0
<b>84.23</b>		<b>Weighing machinery (excluding balances of a sensitivity of 5 cg or better), including weight operated counting or checking machines; weighing machine weights of all kinds.</b>					
	8423.10.00.00	- Personal weighing machines, including baby scales; household scales	u	5	7.5	0	0
	8423.20.00.00	- Scales for continuous weighing of goods on conveyors	u	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8423.30.00.00	- Constant weight scales and scales for discharging a predetermined weight of material into a bag or container, including hopper scales	u	5	0	0	0
		- Other weighing machinery :					
	8423.81.00.00	-- Having a maximum weighing capacity not exceeding 30 kg	u	5	0	0	0
	8423.82.00.00	-- Having a maximum weighing capacity exceeding 30 kg but not exceeding 5,000 kg	u	5	0	0	0
	8423.89.00.00	-- Other	u	5	0	0	0
	8423.90.00.00	- Weighing machine weights of all kinds; parts of weighing machinery	kg	5	0	0	0
<b>84.24</b>		<b>Mechanical appliances (whether or not hand-operated) for projecting, dispersing or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sand blasting machines and similar jet projecting machines.</b>					
	8424.10.00.00	- Fire extinguishers, whether or not charged	u	5	7.5	0	0
	8424.20.00.00	- Spray guns and similar appliances	u	10	7.5	0	0
	8424.30.00.00	- Steam or sand blasting machines and similar jet projecting machines	u	10	0	0	0
		- Agricultural or horticultural sprayers :					
	8424.41.00.00	-- Portable sprayers	u	5	0	0	0
	8424.49.00.00	-- Other	u	5	0	0	0
		- Other appliances :					
	8424.82.00.00	-- Agricultural or horticultural	u	5	0	0	0
	8424.89.00.00	-- Other	u	5	0	0	0
	8424.90.00.00	- Parts	kg	5	0	0	0
<b>84.25</b>		<b>Pulley tackle and hoists other than skip hoists; winches and capstans; jacks.</b>					



Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
		- Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles :					
	8425.11.00.00	-- Powered by electric motor	u	5	0	0	0
	8425.19.00.00	-- Other	u	5	0	0	0
		- Winches; capstans :					
	8425.31.00.00	-- Powered by electric motor	u	5	0	0	0
	8425.39.00.00	-- Other	u	5	0	0	0
		- Jacks; hoists of a kind used for raising vehicles :					
	8425.41.00.00	-- Built-in jacking systems of a type used in garages	u	5	0	0	0
	8425.42.00.00	-- Other jacks and hoists, hydraulic	u	5	0	0	0
	8425.49.00.00	-- Other	u	5	0	0	0
<b>84.26</b>		<b>Ships' derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane.</b>					
		- Overhead travelling cranes, transporter cranes, gantry cranes, bridge cranes, mobile lifting frames and straddle carriers :					
	8426.11.00.00	-- Overhead travelling cranes on fixed support	u	5	0	0	0
	8426.12.00.00	-- Mobile lifting frames on tyres and straddle carriers	u	5	0	0	0
	8426.19.00.00	-- Other	u	5	0	0	0
	8426.20.00.00	- Tower cranes	u	5	0	0	0
	8426.30.00.00	- Portal or pedestal jib cranes	u	5	0	0	0
		- Other machinery, self-propelled :					
	8426.41.00.00	-- On tyres	u	5	0	0	0
	8426.49.00.00	-- Other	u	5	0	0	0
		- Other machinery :					
	8426.91.00.00	-- Designed for mounting on road vehicles	u	5	0	0	0
	8426.99.00.00	-- Other	u	5	0	0	0
<b>84.27</b>		<b>Fork-lift trucks; other works trucks fitted with lifting or handling equipment.</b>					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8427.10.00.00	- Self-propelled trucks powered by an electric motor	u	5	0	0	0
	8427.20.00.00	- Other self-propelled trucks	u	5	0	0	0
	8427.90.00.00	- Other trucks	u	5	0	0	0
<b>84.28</b>		<b>Other lifting, handling, loading or unloading machinery (for example, lifts, escalators, conveyors, teleferics).</b>					
	8428.10.00.00	- Lifts and skip hoists	u	5	0	0	0
	8428.20.00.00	- Pneumatic elevators and conveyors	u	5	0	0	0
		- Other continuous-action elevators and conveyors, for goods or materials :					
	8428.31.00.00	-- Specially designed for underground use	u	5	0	0	0
	8428.32.00.00	-- Other, bucket type	u	5	0	0	0
	8428.33.00.00	-- Other, belt type	u	5	0	0	0
	8428.39.00.00	-- Other	u	5	0	0	0
	8428.40.00.00	- Escalators and moving walkways	u	5	0	0	0
	8428.60.00.00	- Teleferics, chair-lifts, ski-draglines; traction mechanisms for funiculars	u	5	0	0	0
	8428.70.00.00	-- Industrial robots	u	5	0	0	0
	8428.90.00.00	- Other machinery	u	5	0	0	0
<b>84.29</b>		<b>Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers.</b>					
		- Bulldozers and angledozers :					
	8429.11.00.00	-- Track laying	u	5	0	0	0
	8429.19.00.00	-- Other	u	5	0	0	0
	8429.20.00.00	- Graders and levellers	u	5	0	0	0
	8429.30.00.00	- Scrapers	u	5	0	0	0
	8429.40.00.00	- Tamping machines and road rollers	u	5	0	0	0
		- Mechanical shovels, excavators and shovel loaders :					
	8429.51.00.00	-- Front-end shovel loaders	u	5	0	0	0
	8429.52.00.00	-- Machinery with a 360° revolving superstructure	u	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8429.59.00.00	-- Other	u	5	0	0	0
<b>84.30</b>		<b>Other moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or boring machinery, for earth, minerals or ores; pile-drivers and pile-extractors; snow-ploughs and snow-blowers.</b>					
	8430.10.00.00	- Pile-drivers and pile-extractors	u	5	0	0	0
	8430.20.00.00	- Snow-ploughs and snow-blowers	u	5	0	0	0
		- Coal or rock cutters and tunnelling machinery :					
	8430.31.00.00	-- Self-propelled	u	5	0	0	0
	8430.39.00.00	-- Other	u	5	0	0	0
		- Other boring or sinking machinery :					
	8430.41.00.00	-- Self-propelled	u	5	0	0	0
	8430.49.00.00	-- Other	u	5	0	0	0
	8430.50.00.00	- Other machinery, self-propelled	u	5	0	0	0
		- Other machinery, not self-propelled :					
	8430.61.00.00	-- Tamping or compacting machinery	u	5	0	0	0
	8430.69.00.00	-- Other	u	5	0	0	0
<b>84.31</b>		<b>Parts suitable for use solely or principally with the machinery of headings 84.25 to 84.30.</b>					
	8431.10.00.00	- Of machinery of heading 84.25	kg	5	0	0	0
	8431.20.00.00	- Of machinery of heading 84.27	kg	5	0	0	0
		- Of machinery of heading 84.28 :					
	8431.31.00.00	-- Of lifts, skip hoists or escalators	kg	5	0	0	0
	8431.39.00.00	-- Other	kg	5	0	0	0
		- Of machinery of heading 84.26, 84.29 or 84.30 :					
	8431.41.00.00	-- Buckets, shovels, grabs and grips	kg	5	0	0	0
	8431.42.00.00	-- Bulldozer or angledozer blades	kg	5	0	0	0
	8431.43.00.00	-- Parts for boring or sinking machinery of subheading 8430.41 or 8430.49	kg	5	0	0	0
	8431.49.00.00	-- Other	kg	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
<b>84.32</b>		<b>Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports-ground rollers.</b>					
	8432.10.00.00	- Ploughs	u	10	0	0	0
		- Harrows, scarifiers, cultivators, weeders and hoes :					
	8432.21.00.00	-- Disc harrows	u	5	0	0	0
	8432.29.00.00	-- Other	u	10	0	0	0
		- Seeders, planters and transplanters :					
	8432.31.00.00	-- No-till direct seeders, planters and transplanters	u	10	0	0	0
	8432.39.00.00	-- Other	u	10	0	0	0
		- Manure spreaders and fertiliser distributors :					
	8432.41.00.00	-- Manure spreaders	u	5	0	0	0
	8432.42.00.00	-- Fertiliser distributors	u	5	0	0	0
	8432.80.00.00	- Other machinery	u	5	0	0	0
	8432.90.00.00	- Parts	kg	5	0	0	0
<b>84.33</b>		<b>Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 84.37.</b>					
		- Mowers for lawns, parks or sports-grounds :					
	8433.11.00.00	-- Powered, with the cutting device rotating in a horizontal plane	u	5	0	0	0
	8433.19.00.00	-- Other	u	5	0	0	0
	8433.20.00.00	- Other mowers, including cutter bars for tractor mounting	u	5	0	0	0
	8433.30.00.00	- Other haymaking machinery	u	5	0	0	0
	8433.40.00.00	- Straw or fodder balers, including pick-up balers	u	5	0	0	0
		- Other harvesting machinery; threshing machinery :					
	8433.51.00.00	-- Combine harvester-threshers	u	5	0	0	0
	8433.52.00.00	-- Other threshing machinery	u	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8433.53.00.00	-- Root or tuber harvesting machines	u	5	0	0	0
	8433.59.00.00	-- Other	u	5	0	0	0
	8433.60.00.00	- Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce	u	5	0	0	0
	8433.90.00.00	- Parts	kg	5	0	0	0
<b>84.34</b>		<b>Milking machines and dairy machinery.</b>					
	8434.10.00.00	- Milking machines	u	5	0	0	0
	8434.20.00.00	- Dairy machinery	u	5	0	0	0
	8434.90.00.00	- Parts	kg	5	0	0	0
<b>84.35</b>		<b>Presses, crushers and similar machinery used in the manufacture of wine, cider, fruit juices or similar beverages.</b>					
	8435.10.00.00	- Machinery	u	5	0	0	0
	8435.90.00.00	- Parts	kg	5	0	0	0
<b>84.36</b>		<b>Other agricultural, horticultural, forestry, poultry-keeping or bee-keeping machinery, including germination plant fitted with mechanical or thermal equipment; poultry incubators and brooders.</b>					
	8436.10.00.00	- Machinery for preparing animal feeding stuffs	u	5	0	0	0
		- Poultry-keeping machinery; poultry incubators and brooders :					
	8436.21.00.00	-- Poultry incubators and brooders	u	5	0	0	0
	8436.29.00.00	-- Other	u	5	0	0	0
	8436.80.00.00	- Other machinery	u	5	0	0	0
		- Parts :					
	8436.91.00.00	-- Of poultry-keeping machinery or poultry incubators and brooders	kg	5	0	0	0
	8436.99.00.00	-- Other	kg	5	0	0	0
<b>84.37</b>		<b>Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables; machinery used in the milling industry or for the working of</b>					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
		<b>cereals or dried leguminous vegetables, other than farm-type machinery.</b>					
	8437.10.00.00	- Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables	u	5	0	0	0
	8437.80.00.00	- Other machinery	u	5	0	0	0
	8437.90.00.00	- Parts	kg	5	0	0	0
<b>84.38</b>		<b>Machinery, not specified or included elsewhere in this Chapter, for the industrial preparation or manufacture of food or drink, other than machinery for the extraction or preparation of animal or fixed vegetable or microbial fats or oils.</b>					
	8438.10.00.00	- Bakery machinery and machinery for the manufacture of macaroni, spaghetti or similar products	u	5	0	0	0
	8438.20.00.00	- Machinery for the manufacture of confectionery, cocoa or chocolate	u	5	0	0	0
	8438.30.00.00	- Machinery for sugar manufacture	u	5	0	0	0
	8438.40.00.00	- Brewery machinery	u	5	0	0	0
	8438.50.00.00	- Machinery for the preparation of meat or poultry	u	5	0	0	0
	8438.60.00.00	- Machinery for the preparation of fruits, nuts or vegetables	u	5	0	0	0
	8438.80.00.00	- Other machinery	u	5	0	0	0
	8438.90.00.00	- Parts	kg	5	0	0	0
<b>84.39</b>		<b>Machinery for making pulp of fibrous cellulosic material or for making or finishing paper or paperboard.</b>					
	8439.10.00.00	- Machinery for making pulp of fibrous cellulosic material	u	5	0	0	0
	8439.20.00.00	- Machinery for making paper or paperboard	u	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8439.30.00.00	- Machinery for finishing paper or paperboard	u	5	0	0	0
		- Parts :					
	8439.91.00.00	-- Of machinery for making pulp of fibrous cellulosic material	kg	5	0	0	0
	8439.99.00.00	-- Other	kg	5	0	0	0
<b>84.40</b>		<b>Book-binding machinery, including book-sewing machines.</b>					
	8440.10.00.00	- Machinery	u	5	0	0	0
	8440.90.00.00	- Parts	kg	5	0	0	0
<b>84.41</b>		<b>Other machinery for making up paper pulp, paper or paperboard, including cutting machines of all kinds.</b>					
	8441.10.00.00	- Cutting machines	u	5	0	0	0
	8441.20.00.00	- Machines for making bags, sacks or envelopes	u	5	0	0	0
	8441.30.00.00	- Machines for making cartons, boxes, cases, tubes, drums or similar containers, other than by moulding	u	5	0	0	0
	8441.40.00.00	- Machines for moulding articles in paper pulp, paper or paperboard	u	5	0	0	0
	8441.80.00.00	- Other machinery	u	5	0	0	0
	8441.90.00.00	- Parts	kg	5	0	0	0
<b>84.42</b>		<b>Machinery, apparatus and equipment (other than the machines of headings 84.56 to 84.65) for preparing or making plates, cylinders or other printing components; plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished).</b>					
	8442.30.00.00	- Machinery, apparatus and equipment	u	5	0	0	0
	8442.40.00.00	- Parts of the foregoing machinery, apparatus or equipment	kg	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8442.50.00.00	- Plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished)	kg	5	0	0	0
<b>84.43</b>		<b>Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42; other printers, copying machines and facsimile machines, whether or not combined; parts and accessories thereof.</b>					
		- Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42 :					
	8443.11.00.00	-- Offset printing machinery, reel-fed	u	5	0	0	0
	8443.12.00.00	-- Offset printing machinery, sheet-fed, office type (using sheets with one side not exceeding 22 cm and the other side not exceeding 36 cm in the unfolded state)	u	5	0	0	0
	8443.13.00.00	-- Other offset printing machinery	u	5	0	0	0
	8443.14.00.00	-- Letterpress printing machinery, reel fed, excluding flexographic printing	u	5	0	0	0
	8443.15.00.00	-- Letterpress printing machinery, other than reel fed, excluding flexographic printing	u	5	0	0	0
	8443.16.00.00	-- Flexographic printing machinery	u	5	0	0	0
	8443.17.00.00	-- Gravure printing machinery	u	5	0	0	0
	8443.19.00.00	-- Other	u	5	0	0	0
		- Other printers, copying machines and facsimile machines, whether or not combined :					
		-- Machines which perform two or more of the functions of printing, copying or facsimile transmission, capable of connecting to an automatic data processing machine or to a network:					



Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8443.31.10.00	--- Incorporating copying function	u	20	0	0	0
	8443.31.90.00	--- Other	u	5	0	0	0
		-- Other, capable of connecting to an automatic data processing machine or to a network:					
	8443.32.10.00	--- Copying machines	u	20	0	0	0
	8443.32.90.00	--- Other	u	5	0	0	0
		-- Other:					
	8443.39.10.00	--- Copying machines	u	20	0	0	0
	8443.39.90.00	--- Other	u	5	0	0	0
		- Parts and accessories :					
	8443.91.00.00	-- Parts and accessories of printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42	kg	5	0	0	0
	8443.99.00.00	-- Other	kg	5	0	0	0
<b>84.44</b>	8444.00.00.00	<b>Machines for extruding, drawing, texturing or cutting man-made textile materials.</b>	u	5	0	0	0
<b>84.45</b>		<b>Machines for preparing textile fibres; spinning, doubling or twisting machines and other machinery for producing textile yarns; textile reeling or winding (including weft-winding) machines and machines for preparing textile yarns for use on the machines of heading 84.46 or 84.47.</b>					
		- Machines for preparing textile fibres :					
	8445.11.00.00	-- Carding machines	u	5	0	0	0
	8445.12.00.00	-- Combing machines	u	5	0	0	0
	8445.13.00.00	-- Drawing or roving machines	u	5	0	0	0
	8445.19.00.00	-- Other	u	5	0	0	0
	8445.20.00.00	- Textile spinning machines	u	5	0	0	0
	8445.30.00.00	- Textile doubling or twisting machines	u	5	0	0	0
	8445.40.00.00	- Textile winding (including weft-winding) or reeling machines	u	5	0	0	0
	8445.90.00.00	- Other	u	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
<b>84.46</b>		<b>Weaving machines (looms).</b>					
	8446.10.00.00	- For weaving fabrics of a width not exceeding 30 cm	u	5	0	0	0
		- For weaving fabrics of a width exceeding 30 cm, shuttle type :					
	8446.21.00.00	-- Power looms	u	5	0	0	0
	8446.29.00.00	-- Other	u	5	0	0	0
	8446.30.00.00	- For weaving fabrics of a width exceeding 30 cm, shuttleless type	u	5	0	0	0
<b>84.47</b>		<b>Knitting machines, stitch-bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting.</b>					
		- Circular knitting machines :					
	8447.11.00.00	-- With cylinder diameter not exceeding 165 mm	u	5	0	0	0
	8447.12.00.00	-- With cylinder diameter exceeding 165 mm	u	5	0	0	0
	8447.20.00.00	- Flat knitting machines; stitch-bonding machines	u	5	0	0	0
	8447.90.00.00	- Other	u	5	0	0	0
<b>84.48</b>		<b>Auxiliary machinery for use with machines of heading 84.44, 84.45, 84.46 or 84.47 (for example, dobbies, Jacquards, automatic stop motions, shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading or of heading 84.44, 84.45, 84.46 or 84.47 (for example, spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, healds and heald-frames, hosiery needles).</b>					
		- Auxiliary machinery for machines of heading 84.44, 84.45, 84.46 or 84.47 :					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8448.11.00.00	-- Dobbies and Jacquards; card reducing, copying, punching or assembling machines for use therewith	kg	5	0	0	0
	8448.19.00.00	-- Other	kg	5	0	0	0
	8448.20.00.00	- Parts and accessories of machines of heading 84.44 or of their auxiliary machinery	kg	5	0	0	0
		- Parts and accessories of machines of heading 84.45 or of their auxiliary machinery :					
	8448.31.00.00	-- Card clothing	kg	5	0	0	0
	8448.32.00.00	-- Of machines for preparing textile fibres, other than card clothing	kg	5	0	0	0
	8448.33.00.00	-- Spindles, spindle flyers, spinning rings and ring travellers	kg	5	0	0	0
	8448.39.00.00	-- Other	kg	5	0	0	0
		- Parts and accessories of weaving machines (looms) or of their auxiliary machinery :					
	8448.42.00.00	-- Reeds for looms, healds and heald-frames	kg	5	0	0	0
	8448.49.00.00	-- Other	kg	5	0	0	0
		- Parts and accessories of machines of heading 84.47 or of their auxiliary machinery :					
	8448.51.00.00	-- Sinkers, needles and other articles used in forming stitches	kg	5	0	0	0
	8448.59.00.00	-- Other	kg	5	0	0	0
<b>84.49</b>	8449.00.00.00	<b>Machinery for the manufacture or finishing of felt or nonwovens in the piece or in shapes, including machinery for making felt hats; blocks for making hats.</b>	kg	5	0	0	0
<b>84.50</b>		<b>Household or laundry-type washing machines, including machines which both wash and dry.</b>					
		- Machines, each of a dry linen capacity not exceeding 10 kg :					
	8450.11.00.00	-- Fully-automatic machines	u	20	7.5	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8450.12.00.00	-- Other machines, with built-in centrifugal drier	u	20	7.5	0	0
	8450.19.00.00	-- Other	u	20	7.5	0	0
	8450.20.00.00	- Machines, each of a dry linen capacity exceeding 10 kg	u	5	7.5	0	0
	8450.90.00.00	- Parts	kg	5	7.5	0	0
<b>84.51</b>		<b>Machinery (other than machines of heading 84.50) for washing, cleaning, wringing, drying, ironing, pressing (including fusing presses), bleaching, dyeing, dressing, finishing, coating or impregnating textile yarns, fabrics or made up textile articles and machines for applying the paste to the base fabric or other support used in the manufacture of floor coverings such as linoleum; machines for reeling, unreeling, folding, cutting or pinking textile fabrics.</b>					
	8451.10.00.00	- Dry-cleaning machines	u	5	0	0	0
		- Drying machines :					
	8451.21.00.00	-- Each of a dry linen capacity not exceeding 10 kg	u	20	7.5	0	0
	8451.29.00.00	-- Other	u	5	7.5	15	0
	8451.30.00.00	- Ironing machines and presses (including fusing presses)	u	5	0	0	0
	8451.40.00.00	- Washing, bleaching or dyeing machines	u	5	7.5	0	0
	8451.50.00.00	- Machines for reeling, unreeling, folding, cutting or pinking textile fabrics	u	5	7.5	0	0
	8451.80.00.00	- Other machinery	u	5	7.5	0	0
	8451.90.00.00	- Parts	kg	5	7.5	0	0
<b>84.52</b>		<b>Sewing machines, other than book-sewing machines of heading 84.40; furniture, bases and covers specially designed for sewing machines; sewing machine needles.</b>					
	8452.10.00.00	- Sewing machines of the household type	u	5	7.5	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
		- Other sewing machines :					
	8452.21.00.00	-- Automatic units	u	5	0	0	0
	8452.29.00.00	-- Other	u	5	0	0	0
	8452.30.00.00	- Sewing machine needles	kg	5	0	0	0
	8452.90.00.00	- Furniture, bases and covers for sewing machines and parts thereof; other parts of sewing machines	kg	5	0	0	0
<b>84.53</b>		<b>Machinery for preparing, tanning or working hides, skins or leather or for making or repairing footwear or other articles of hides, skins or leather, other than sewing machines.</b>					
	8453.10.00.00	- Machinery for preparing, tanning or working hides, skins or leather	u	5	0	0	0
	8453.20.00.00	- Machinery for making or repairing footwear	u	5	0	0	0
	8453.80.00.00	- Other machinery	u	5	0	0	0
	8453.90.00.00	- Parts	kg	5	0	0	0
<b>84.54</b>		<b>Converters, ladles, ingot moulds and casting machines, of a kind used in metallurgy or in metal foundries.</b>					
	8454.10.00.00	- Converters	u	5	0	0	0
	8454.20.00.00	- Ingot moulds and ladles	u	5	0	0	0
	8454.30.00.00	- Casting machines	u	5	0	0	0
	8454.90.00.00	- Parts	kg	5	0	0	0
<b>84.55</b>		<b>Metal-rolling mills and rolls therefor.</b>					
	8455.10.00.00	- Tube mills	u	5	0	0	0
		- Other rolling mills :					
	8455.21.00.00	-- Hot or combination hot and cold	u	5	0	0	0
	8455.22.00.00	-- Cold	u	5	0	0	0
	8455.30.00.00	- Rolls for rolling mills	u	5	0	0	0
	8455.90.00.00	- Other parts	kg	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
<b>84.56</b>		<b>Machine-tools for working any material by removal of material, by laser or other light or photon beam, ultrasonic, electro-discharge, electro-chemical, electron beam, ionic-beam or plasma arc processes; water-jet cutting machines.</b>					
		- Operated by laser or other light or photon beam processes					
	8456.11.00.00	-- Operated by laser	u	5	0	0	0
	8456.12.00.00	-- Operated by other light or photon beam processes	u	5	0	0	0
	8456.20.00.00	- Operated by ultrasonic processes	u	5	0	0	0
	8456.30.00.00	- Operated by electro-discharge processes	u	5	0	0	0
	8456.40.00.00	- Operated by plasma arc processes	u	5	0	0	0
	8456.50.00.00	- Water-jet cutting machines	u	5	0	0	0
	8456.90.00.00	- Other	u	5	0	0	0
<b>84.57</b>		<b>Machining centres, unit construction machines (single station) and multi-station transfer machines, for working metal.</b>					
	8457.10.00.00	- Machining centres	u	5	0	0	0
	8457.20.00.00	- Unit construction machines (single station)	u	5	0	0	0
	8457.30.00.00	- Multi-station transfer machines	u	5	0	0	0
<b>84.58</b>		<b>Lathes (including turning centres) for removing metal.</b>					
		- Horizontal lathes :					
	8458.11.00.00	-- Numerically controlled	u	5	0	0	0
	8458.19.00.00	-- Other	u	5	0	0	0
		- Other lathes :					
	8458.91.00.00	-- Numerically controlled	u	5	0	0	0
	8458.99.00.00	-- Other	u	5	0	0	0
<b>84.59</b>		<b>Machine-tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, other than lathes (including turning centres) of heading 84.58.</b>					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8459.10.00.00	- Way-type unit head machines	u	5	0	0	0
		- Other drilling machines :					
	8459.21.00.00	-- Numerically controlled	u	5	0	0	0
	8459.29.00.00	-- Other	u	5	0	0	0
		- Other boring-milling machines :					
	8459.31.00.00	-- Numerically controlled	u	5	0	0	0
	8459.39.00.00	-- Other	u	5	0	0	0
		- Other boring machines :					
	8459.41.00.00	-- Numerically controlled	u	5	0	0	0
	8459.49.00.00	-- Other	u	5	0	0	0
		- Milling machines, knee-type :					
	8459.51.00.00	-- Numerically controlled	u	5	0	0	0
	8459.59.00.00	-- Other	u	5	0	0	0
		- Other milling machines :					
	8459.61.00.00	-- Numerically controlled	u	5	0	0	0
	8459.69.00.00	-- Other	u	5	0	0	0
	8459.70.00.00	- Other threading or tapping machines	u	5	0	0	0
<b>84.60</b>		<b>Machine-tools for deburring, sharpening, grinding, honing, lapping, polishing or otherwise finishing metal or cermets by means of grinding stones, abrasives or polishing products, other than gear cutting, gear grinding or gear finishing machines of heading 84.61.</b>					
		- Flat-surface grinding machines :					
	8460.12.00.00	-- Numerically controlled	u	5	0	0	0
	8460.19.00.00	-- Other	u	5	0	0	0
		- Other grinding machines :					
	8460.22.00.00	-- Centreless grinding machines, numerically controlled	u	5	0	0	0
	8460.23.00.00	-- Other cylindrical grinding machines, numerically controlled	u	5	0	0	0
	8460.24.00.00	-- Other, numerically controlled	u	5	0	0	0
	8460.29.00.00	-- Other	u	5	0	0	0
		- Sharpening (tool or cutter grinding) machines :					
	8460.31.00.00	-- Numerically controlled	u	5	0	0	0
	8460.39.00.00	-- Other	u	5	0	0	0
	8460.40.00.00	- Honing or lapping machines	u	5	0	0	0
	8460.90.00.00	- Other	u	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
<b>84.61</b>		<b>Machine-tools for planing, shaping, slotting, broaching, gear cutting, gear grinding or gear finishing, sawing, cutting-off and other machine-tools working by removing metal or cermets, not elsewhere specified or included.</b>					
	8461.20.00.00	- Shaping or slotting machines	u	5	0	0	0
	8461.30.00.00	- Broaching machines	u	5	0	0	0
	8461.40.00.00	- Gear cutting, gear grinding or gear finishing machines	u	5	0	0	0
	8461.50.00.00	- Sawing or cutting-off machines	u	5	0	0	0
	8461.90.00.00	- Other	u	5	0	0	0
<b>84.62</b>		<b>Machine-tools (including presses) for working metal by forging, hammering or die forging (excluding rolling mills); machine-tools (including presses, slitting lines and cut-to-length lines) for working metal by bending, folding, straightening, flattening, shearing, punching, notching or nibbling (excluding draw-benches); presses for working metal or metal carbides, not specified above.</b>					
		- Hot forming machines for forging, die forging (including presses) and hot hammers :					
	8462.11.00.00	-- Closed die forging machines	u	5	0	0	0
	8462.19.00.00	-- Other	u	5	0	0	0
		- Bending, folding, straightening or flattening machines (including press brakes) for flat products :					
	8462.22.00.00	-- Profile forming machines	u	5	0	0	0
	8462.23.00.00	-- Numerically controlled press brakes	u	5	0	0	0
	8462.24.00.00	-- Numerically controlled panel benders	u	5	0	0	0
	8462.25.00.00	-- Numerically controlled roll forming machines	u	5	0	0	0



Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8462.26.00.00	-- Other numerically controlled bending, folding, straightening or flattening machines	u	5	0	0	0
	8462.29.00.00	-- Other	u	5	0	0	0
		- Slitting lines, cut-to-length lines and other shearing machines (excluding presses) for flat products, other than combined punching and shearing machines :					
	8462.32.00.00	-- Slitting lines and cut-to-length lines	u	5	0	0	0
	8462.33.00.00	-- Numerically controlled shearing machines	u	5	0	0	0
	8462.39.00.00	-- Other	u	5	0	0	0
		- Punching, notching or nibbling machines (excluding presses) for flat products including combined punching and shearing machines :					
	8462.42.00.00	-- Numerically controlled	u	5	0	0	0
	8462.49.00.00	-- Other	u	5	0	0	0
		- Machines for working tube, pipe, hollow section and bar (excluding presses) :					
	8462.51.00.00	-- Numerically controlled	u	5	0	0	0
	8462.59.00.00	-- Other	u	5	0	0	0
		- Cold metal working presses :					
	8462.61.00.00	-- Hydraulic presses	u	5	0	0	0
	8462.62.00.00	-- Mechanical presses	u	5	0	0	0
	8462.63.00.00	-- Servo-presses	u	5	0	0	0
	8462.69.00.00	-- Other	u	5	0	0	0
	8462.90.00.00	- Other	u	5	0	0	0
<b>84.63</b>		<b>Other machine-tools for working metal or cermets, without removing material.</b>					
	8463.10.00.00	- Draw-benches for bars, tubes, profiles, wire or the like	u	5	0	0	0
	8463.20.00.00	- Thread rolling machines	u	5	0	0	0
	8463.30.00.00	- Machines for working wire	u	5	0	0	0
	8463.90.00.00	- Other	u	5	0	0	0
<b>84.64</b>		<b>Machine-tools for working stone, ceramics, concrete, asbestos-cement or like mineral</b>					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
		<b>materials or for cold working glass.</b>					
	8464.10.00.00	- Sawing machines	u	5	0	0	0
	8464.20.00.00	- Grinding or polishing machines	u	5	0	0	0
	8464.90.00.00	- Other	u	5	0	0	0
<b>84.65</b>		<b>Machine-tools (including machines for nailing, stapling, glueing or otherwise assembling) for working wood, cork, bone, hard rubber, hard plastics or similar hard materials.</b>					
	8465.10.00.00	- Machines which can carry out different types of machining operations without tool change between such operations	u	5	0	0	0
	8465.20.00.00	- Machining centres	u	5	0	0	0
		- Other :					
	8465.91.00.00	-- Sawing machines	u	5	0	0	0
	8465.92.00.00	-- Planing, milling or moulding (by cutting) machines	u	5	0	0	0
	8465.93.00.00	-- Grinding, sanding or polishing machines	u	5	0	0	0
	8465.94.00.00	-- Bending or assembling machines	u	5	0	0	0
	8465.95.00.00	-- Drilling or morticing machines	u	5	0	0	0
	8465.96.00.00	-- Splitting, slicing or paring machines	u	5	0	0	0
	8465.99.00.00	-- Other	u	5	0	0	0
<b>84.66</b>		<b>Parts and accessories suitable for use solely or principally with the machines of headings 84.56 to 84.65, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines; tool holders for any type of tool for working in the hand.</b>					
	8466.10.00.00	- Tool holders and self-opening dieheads	kg	5	0	0	0
	8466.20.00.00	- Work holders	kg	5	0	0	0
	8466.30.00.00	- Dividing heads and other special attachments for machines	kg	5	0	0	0
		- Other :					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8466.91.00.00	-- For machines of heading 84.64	kg	5	0	0	0
	8466.92.00.00	-- For machines of heading 84.65	kg	5	0	0	0
	8466.93.00.00	-- For machines of headings 84.56 to 84.61	kg	5	0	0	0
	8466.94.00.00	-- For machines of heading 84.62 or 84.63	kg	5	0	0	0
<b>84.67</b>		<b>Tools for working in the hand, pneumatic, hydraulic or with self-contained electric or non-electric motor.</b>					
		- Pneumatic :					
	8467.11.00.00	-- Rotary type (including combined rotary-percussion)	u	5	0	0	0
	8467.19.00.00	-- Other	u	5	0	0	0
		- With self-contained electric motor :					
	8467.21.00.00	-- Drills of all kinds	u	5	0	0	0
	8467.22.00.00	-- Saws	u	5	0	0	0
	8467.29.00.00	-- Other	u	5	0	0	0
		- Other tools :					
	8467.81.00.00	-- Chain saws	u	5	0	0	0
	8467.89.00.00	-- Other	u	5	0	0	0
		- Parts :					
	8467.91.00.00	-- Of chain saws	kg	5	0	0	0
	8467.92.00.00	-- Of pneumatic tools	kg	5	0	0	0
	8467.99.00.00	-- Other	kg	5	0	0	0
<b>84.68</b>		<b>Machinery and apparatus for soldering, brazing or welding, whether or not capable of cutting, other than those of heading 85.15; gas-operated surface tempering machines and appliances.</b>					
	8468.10.00.00	- Hand-held blow pipes	u	5	0	0	0
	8468.20.00.00	- Other gas-operated machinery and apparatus	u	5	0	0	0
	8468.80.00.00	- Other machinery and apparatus	u	5	0	0	0
	8468.90.00.00	- Parts	kg	5	0	0	0
<b>[84.69]</b>							

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
<b>84.70</b>		<b>Calculating machines and pocket-size data recording, reproducing and displaying machines with calculating functions; accounting machines, postage-franking machines, ticket-issuing machines and similar machines, incorporating a calculating device; cash registers.</b>					
	8470.10.00.00	- Electronic calculators capable of operation without an external source of electric power and pocket-size data recording, reproducing and displaying machines with calculating functions	u	20	7.5	0	0
		- Other electronic calculating machines :					
	8470.21.00.00	-- Incorporating a printing device	u	20	7.5	0	0
	8470.29.00.00	-- Other	u	20	7.5	0	0
	8470.30.00.00	- Other calculating machines	u	20	7.5	0	0
	8470.50.00.00	- Cash registers	u	20	7.5	0	0
	8470.90.00.00	- Other	u	20	7.5	0	0
<b>84.71</b>		<b>Automatic data processing machines and units thereof; magnetic or optical readers, machines for transcribing data onto data media in coded form and machines for processing such data, not elsewhere specified or included.</b>					
		- Portable automatic data processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display:					
	8471.30.10.00	-- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	0	0	0
	8471.30.90.00	-- Other	u	5	7.5	0	0
		- Other automatic data processing machines :					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
		-- Comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined:					
	8471.41.10.00	--- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	0	0	0
	8471.41.90.00	--- Other	u	5	0	0	0
		-- Other, presented in the form of systems:					
	8471.49.10.00	--- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	0	0	0
	8471.49.90.00	--- Other	u	5	0	0	0
		- Processing units other than those of subheading 8471.41 or 8471.49, whether or not containing in the same housing one or two of the following types of unit : storage units, input units, output units:			0	0	0
	8471.50.10.00	-- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	0	0	0
	8471.50.90.00	-- Other	u	5	0	0	0
		- Input or output units, whether or not containing storage units in the same housing:					
	8471.60.10.00	-- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	0	0	0
	8471.60.90.00	-- Other	u	5	0	0	0
		- Storage units:					
	8471.70.10.00	-- Presented completely knocked down (CKD) or unassembled for the assembly industry	u	5	0	0	0
	8471.70.90.00	-- Other	u	5	0	0	0
		- Other units of automatic data processing machines:					
	8471.80.10.00	-- Presented completely knocked down (CKD) or	u	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
		unassembled for the assembly industry					
	8471.80.90.00	-- Other	u	5	0	0	0
	8471.90.00.00	- Other	u	5	0	0	0
<b>84.72</b>		<b>Other office machines (for example, hectograph or stencil duplicating machines, addressing machines, automatic banknote dispensers, coin-sorting machines, coin-counting or wrapping machines, pencil-sharpening machines, perforating or stapling machines).</b>					
	8472.10.00.00	- Duplicating machines	u	20	7.5	0	0
	8472.30.00.00	- Machines for sorting or folding mail or for inserting mail in envelopes or bands, machines for opening, closing or sealing mail and machines for affixing or cancelling postage stamps	u	20	7.5	0	0
	8472.90.00.00	- Other	u	20	7.5	0	0
<b>84.73</b>		<b>Parts and accessories (other than covers, carrying cases and the like) suitable for use solely or principally with machines of headings 84.70 to 84.72.</b>					
		- Parts and accessories of the machines of heading 84.70 :					
	8473.21.00.00	-- Of the electronic calculating machines of subheading 8470.10, 8470.21 or 8470.29	kg	10	7.5	0	0
	8473.29.00.00	-- Other	kg	10	7.5	0	0
	8473.30.00.00	- Parts and accessories of the machines of heading 84.71	kg	5	7.5	0	0
	8473.40.00.00	- Parts and accessories of the machines of heading 84.72	kg	10	7.5	0	0
	8473.50.00.00	- Parts and accessories equally suitable for use with machines of two or more of the headings 84.70 to 84.72	kg	10	7.5	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
<b>84.74</b>		<b>Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid (including powder or paste) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand.</b>					
	8474.10.00.00	- Sorting, screening, separating or washing machines	u	5	0	0	0
	8474.20.00.00	- Crushing or grinding machines	u	5	0	0	0
		- Mixing or kneading machines :					
	8474.31.00.00	-- Concrete or mortar mixers	u	5	0	0	0
	8474.32.00.00	-- Machines for mixing mineral substances with bitumen	u	5	0	0	0
	8474.39.00.00	-- Other	u	5	0	0	0
	8474.80.00.00	- Other machinery	u	5	0	0	0
	8474.90.00.00	- Parts	kg	5	0	0	0
<b>84.75</b>		<b>Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware.</b>					
	8475.10.00.00	- Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes	u	5	0	0	0
		- Machines for manufacturing or hot working glass or glassware :					
	8475.21.00.00	-- Machines for making optical fibres and preforms thereof	u	5	0	0	0
	8475.29.00.00	-- Other	u	5	0	0	0
	8475.90.00.00	- Parts	kg	5	0	0	0
<b>84.76</b>		<b>Automatic goods-vending machines (for example, postage stamp, cigarette, food or</b>					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
		<b>beverage machines), including money-changing machines.</b>					
		- Automatic beverage-vending machines :					
	8476.21.00.00	-- Incorporating heating or refrigerating devices	u	5	7.5	0	0
	8476.29.00.00	-- Other	u	5	7.5	0	0
		- Other machines :					
	8476.81.00.00	-- Incorporating heating or refrigerating devices	u	5	7.5	0	0
	8476.89.00.00	-- Other	u	5	7.5	0	0
	8476.90.00.00	- Parts	kg	5	7.5	0	0
<b>84.77</b>		<b>Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this Chapter.</b>					
	8477.10.00.00	- Injection-moulding machines	u	5	0	0	0
	8477.20.00.00	- Extruders	u	5	0	0	0
	8477.30.00.00	- Blow moulding machines	u	5	0	0	0
	8477.40.00.00	- Vacuum moulding machines and other thermoforming machines	u	5	0	0	0
		- Other machinery for moulding or otherwise forming :					
	8477.51.00.00	-- For moulding or retreading pneumatic tyres or for moulding or otherwise forming inner tubes	u	5	0	0	0
	8477.59.00.00	-- Other	u	5	0	0	0
	8477.80.00.00	- Other machinery	u	5	0	0	0
	8477.90.00.00	- Parts	kg	5	0	0	0
<b>84.78</b>		<b>Machinery for preparing or making up tobacco, not specified or included elsewhere in this Chapter.</b>					
	8478.10.00.00	- Machinery	u	5	0	0	0
	8478.90.00.00	- Parts	kg	5	0	0	0
<b>84.79</b>		<b>Machines and mechanical appliances having individual functions, not specified or included elsewhere in this Chapter.</b>					



Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8479.10.00.00	- Machinery for public works, building or the like	u	5	0	0	0
	8479.20.00.00	- Machinery for the extraction or preparation of animal or fixed vegetable or microbial fats or oils	u	5	0	0	0
	8479.30.00.00	- Presses for the manufacture of particle board or fibre building board of wood or other ligneous materials and other machinery for treating wood or cork	u	5	0	0	0
	8479.40.00.00	- Rope or cable-making machines	u	5	0	0	0
	8479.50.00.00	- Industrial robots, not elsewhere specified or included	u	5	0	0	0
	8479.60.00.00	- Evaporative air coolers	u	5	0	0	0
		- Passenger boarding bridges :					
	8479.71.00.00	-- Of a kind used in airports	u	5	0	0	0
	8479.79.00.00	-- Other	u	5	0	0	0
		- Other machines and mechanical appliances :					
	8479.81.00.00	-- For treating metal, including electric wire coil-winders	u	5	0	0	0
	8479.82.00.00	-- Mixing, kneading, crushing, grinding, screening, sifting, homogenising, emulsifying or stirring machines	u	5	0	0	0
	8479.83.00.00	-- Cold isostatic presses	u	5	0	0	0
	8479.89.00.00	-- Other	u	5	0	0	0
	8479.90.00.00	- Parts	kg	5	0	0	0
<b>84.80</b>		<b>Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (other than ingot moulds), metal carbides, glass, mineral materials, rubber or plastics.</b>					
	8480.10.00.00	- Moulding boxes for metal foundry	kg	5	0	0	0
	8480.20.00.00	- Mould bases	kg	5	0	0	0
	8480.30.00.00	- Moulding patterns	kg	5	0	0	0
		- Moulds for metal or metal carbides :					
	8480.41.00.00	-- Injection or compression types	kg	5	0	0	0
	8480.49.00.00	-- Other	kg	5	0	0	0
	8480.50.00.00	- Moulds for glass	kg	5	0	0	0
	8480.60.00.00	- Moulds for mineral materials	kg	5	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
		- Moulds for rubber or plastics :					
	8480.71.00.00	-- Injection or compression types	kg	5	0	0	0
	8480.79.00.00	-- Other	kg	5	0	0	0
<b>84.81</b>		<b>Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves.</b>					
	8481.10.00.00	- Pressure-reducing valves	kg	10	0	0	0
	8481.20.00.00	- Valves for oleohydraulic or pneumatic transmissions	kg	5	0	0	0
	8481.30.00.00	- Check (nonreturn) valves	kg	10	0	0	0
	8481.40.00.00	- Safety or relief valves	kg	10	0	0	0
	8481.80.00.00	- Other appliances	kg	10	0	0	0
	8481.90.00.00	- Parts	kg	10	0	0	0
<b>84.82</b>		<b>Ball or roller bearings.</b>					
	8482.10.00.00	- Ball bearings	u	10	0	0	0
	8482.20.00.00	- Tapered roller bearings, including cone and tapered roller assemblies	u	10	0	0	0
	8482.30.00.00	- Spherical roller bearings	u	10	0	0	0
	8482.40.00.00	- Needle roller bearings, including cage and needle roller assemblies	u	10	0	0	0
	8482.50.00.00	- Other cylindrical roller bearings, including cage and roller assemblies	u	10	0	0	0
	8482.80.00.00	- Other, including combined ball/roller bearings	u	10	0	0	0
		- Parts :					
	8482.91.00.00	-- Balls, needles and rollers	kg	10	0	0	0
	8482.99.00.00	-- Other	kg	10	0	0	0
<b>84.83</b>		<b>Transmission shafts (including cam shafts and crank shafts) and cranks; bearing housings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft</b>					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
		<b>couplings (including universal joints).</b>					
	8483.10.00.00	- Transmission shafts (including cam shafts and crank shafts) and cranks	u	10	0	0	0
	8483.20.00.00	- Bearing housings, incorporating ball or roller bearings	u	10	0	0	0
	8483.30.00.00	- Bearing housings, not incorporating ball or roller bearings; plain shaft bearings	u	10	0	0	0
	8483.40.00.00	- Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements presented separately; ball or roller screws; gear boxes and other speed changers, including torque converters	u	10	0	0	0
	8483.50.00.00	- Flywheels and pulleys, including pulley blocks	u	10	0	0	0
	8483.60.00.00	- Clutches and shaft couplings (including universal joints)	u	10	0	0	0
	8483.90.00.00	- Toothed wheels, chain sprockets and other transmission elements presented separately; parts	kg	10	0	0	0
<b>84.84</b>		<b>Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal; sets or assortments of gaskets and similar joints, dissimilar in composition, put up in pouches, envelopes or similar packings; mechanical seals.</b>					
	8484.10.00.00	- Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal	kg	10	0	0	0
	8484.20.00.00	- Mechanical seals	kg	10	0	0	0
	8484.90.00.00	- Other	kg	10	0	0	0

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
<b>84.85</b>		<b>Machines for additive manufacturing.</b>					
	8485.10.00.00	- By metal deposit	u	10	0	0	0
	8485.20.00.00	- By plastics or rubber deposit	u	10	0	0	0
	8485.30.00.00	- By plaster, cement, ceramics or glass deposit	u	10	0	0	0
	8485.80.00.00	- Other	u	10	0	0	0
	8485.90.00.00	- Parts	kg	10	0	0	0
<b>84.86</b>		<b>Machines and apparatus of a kind used solely or principally for the manufacture of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays; machines and apparatus specified in Note 11 (C) to this Chapter; parts and accessories.</b>					
	8486.10.00.00	- Machines and apparatus for the manufacture of boules or wafers	u	10	0	0	0
		- Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits:					
		-- Apparatus for the projection or drawing of circuit patterns on sensitized semiconductor materials:					
	8486.20.11.00	--- Direct write-on-wafer apparatus	u	20	0	0	0
	8486.20.12.00	--- Step and repeat aligners	u	20	0	0	0
	8486.20.19.00	--- Other	u	20	0	0	0
	8486.20.90.00	-- Other	u	10	0	0	0
		- Machines and apparatus for the manufacture of flat panel displays:					
	8486.30.10.00	-- For photographic or cinematographic laboratories; negatoscopes	u	20	0	0	0
	8486.30.90.00	-- Other	u	10	0	0	0
	8486.40.00.00	- Machines and apparatus specified in Note 11 (C) to this Chapter	u	10	0	0	0
		- Parts and accessories:					

Heading	TSN	Commodity Description	SU	ID	VAT	IAT	EXC
	8486.90.10.00	-- Of machines and apparatus of subheading 8686.20 and 8486.30	kg	10	0	0	0
	8486.90.90.00	-- Other	kg	5	0	0	0
<b>84.87</b>		<b>Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features, not specified or included elsewhere in this Chapter.</b>					
	8487.10.00.00	- Ships' or boats' propellers and blades therefor	kg	10	0	0	0
	8487.90.00.00	- Other	kg	10	0	0	0