

Section XVI - 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 7017); machinery, appliances or other articles for technical uses or parts thereof, of glass (heading 7019 or 7020);
 - (d). Articles of heading 7321 or 7322 or similar articles of other base metals (chapters 74 to 76 or 78 to 81);
 - (e). Vacuum cleaners of heading 8508;
 - (f). Electromechanical domestic appliances of heading 8509; digital cameras of heading 8525;
 - (g). Radiators for the articles of Section XVII; or
 - (h). Hand-operated mechanical floor sweepers, not motorized (heading 9603).
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 8401 to 8424, or heading 8486 and at the same time to a description in one or more of the headings 8425 to 8480 is to be classified under the appropriate heading of the former group or under heading 8486, as the case may be, and not the latter group.
 - (A). Heading 8419 does not, however, cover:
 - (i). Germination plant, incubators or brooders (heading 8436);
 - (ii). Grain dampening machines (heading 8437);
 - (iii). Diffusing apparatus for sugar juice extraction (heading 8438);
 - (iv). Machinery for the heat-treatment of textile yarns, fabrics or made up textile articles (heading 8451); 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 8422 does not cover:
 - (i). Sewing machines for closing bags or similar containers (heading 8452); or
 - (ii). Office machinery of heading 8472.
 - (C). Heading 8424 does not cover:
 - (i). Ink-jet printing machines (heading 8443); or
 - (ii). Water-jet cutting machines (heading 8456).
3. A machine tool for working any material which answers to a description in heading 8456 and at the same time to a description in heading 8457, 8458, 8459, 8460, 8461, 8464 or 8465 is to be classified in heading 8456.
4. Heading 8457 applies only to machine-tools for working metal other than lathes (including turning centers), 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 program (machining centers);
 - (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 8462, 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 purposes of heading 8471, 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 8471.

However, keyboards, X-Y coordinate 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 8471.

- (D). Heading 8471 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 8482 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 percent or by more than 0.05 mm, whichever is less. Other steel balls are to be classified under heading 7326.
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 8479. Heading 8479 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 8470, 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 8485, 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 8485 are to be classified in that heading and in no other heading of the tariff schedule.

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 8486. However, for the purposes of this note and of heading 8486, the expression "semiconductor devices" also covers photosensitive semiconductor devices and light emitting diodes (LED).
- (B). For the purposes of this note and of heading 8486, 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 8486 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 8486 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 centers" 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 program.
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 pressurized 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 8481.
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.

Statistical Note

1. For purposes of statistical reporting numbers 8427.20.8020 and 8427.90.0020 the term "aerial work platforms" means work trucks that incorporate a platform, attached to a lift mechanism mounted on a mobile base, for lifting personnel, tools and materials.

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
84	Nuclear Reactors, Boilers, Machinery and Mechanical Appliances; Parts Thereof		
8401	- Nuclear reactors; fuel elements (cartridges), non-irradiated, for nuclear reactors; machinery and apparatus for isotopic separation; parts thereof:		
8401.10.0000	-- Nuclear reactors	t	
8401.20.0000	-- Machinery and apparatus for isotopic separation, and parts thereof	t	
8401.30.0000	-- Fuel elements (cartridges), non-irradiated, and parts thereof	kg	
8401.40.0000	-- Parts of nuclear reactors	t	
8402	- Steam or other vapor generating boilers (other than central heating hot water boilers capable also of producing low pressure steam); super-heated water boilers: parts thereof:		
	-- Steam or other vapor generating boilers:		
8402.11.0000	--- Watertube boilers with a steam production exceeding 45 t per hour	t	
8402.12.0000	--- Watertube boilers with a steam production not exceeding 45 t per hour	t	
8402.19.0000	--- Other vapor generating boilers, including hybrid boilers	t	
8402.20.0000	-- Super-heated water boilers	t	
8402.90	-- Parts:		
8402.90.0010	--- Heat exchangers	t	
8402.90.0090	--- Other	kg	
8403	- Central heating boilers (other than those of heading 8402) and parts thereof:		
8403.10.0000	-- Boilers	No.	
8403.90.0000	-- Parts	kg	
8404	- Auxiliary plant for use with boilers of heading 8402 or 8403 (for example, economizers, super-heaters, soot removers, gas recoverers); condensers for steam or other vapor power units; parts thereof:		
8404.10	-- Auxiliary plant for use with boilers of heading 8402 or 8403:		
8404.10.0010	--- Economizers	t	
8404.10.0050	--- Other (except parts)	t	
8404.20.0000	-- Condensers for steam or other vapor power units	t	
8404.90.0000	-- Parts	kg	
8405	- 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: parts thereof:		
8405.10.0000	-- 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	No.	
8405.90.0000	-- Parts	kg	
8406	- Steam turbines and other vapor turbines, and parts thereof:		
8406.10	-- Turbines for marine propulsion:		
8406.10.1000	--- Steam turbines	No.	
8406.10.9000	--- Other	No.	
	-- Other turbines:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8406.81	- - - Of an output exceeding 40 MW (53,619 hp):		
8406.81.1000	----- Steam turbines	No.	
8406.81.9000	----- Other	No.	
8406.82	- - - Of an output not exceeding 40 MW (53,619 hp):		
8406.82.1000	----- Steam turbines	No.	
8406.82.9000	----- Other	No.	
8406.90	- - Parts:		
8406.90.0040	- - - Of steam turbines	kg	
8406.90.0080	- - - Other	kg	
8407	- Spark-ignition reciprocating or rotary internal combustion piston engines:		
8407.10	- - Aircraft engines:		
	- - - For use in civil aircraft:		
	----- New:		
8407.10.0020	----- Less than 373 kW (500 hp)	No.	
8407.10.0040	----- 373 kW (500 hp) or over	No.	
8407.10.0060	----- Used or rebuilt	No.	
8407.10.0090	- - - Other	No.	
	- - Marine propulsion engines:		
8407.21.0000	- - - Outboard motors	No.	
8407.29	- - - Other:		
8407.29.0010	- - - Inboard engines with outboard drive	No.	
8407.29.0050	- - - Inboard engines with inboard drive	No.	
	- - Reciprocating piston engines of a kind used for the propulsion of vehicles of chapter 87:		
8407.31.0000	- - - Of a cylinder capacity not exceeding 50 cc	No.	
8407.32	- - - Of a cylinder capacity exceeding 50 cc but not exceeding 250 cc:		
8407.32.2000	----- To be installed in vehicles of subheadings 8701.21, 8701.22, 8701.23, 8701.24 or 8701.29 or heading 8702, 8703 or 8704	No.	
8407.32.5000	----- Other	No.	
8407.33	- - - Of a cylinder capacity exceeding 250 cc but not exceeding 1,000 cc:		
8407.33.2000	----- To be installed in vehicles of subheadings 8701.21, 8701.22, 8701.23, 8701.24 or 8701.29 or heading 8702, 8703 or 8704	No.	
8407.33.5000	----- Other	No.	
8407.34	- - - Of a cylinder capacity exceeding 1,000 cc:		
	----- To be installed in vehicles of subheadings 8701.21, 8701.22, 8701.23, 8701.24 or 8701.29 or heading 8702, 8703 or 8704		
8407.34.2030	----- Of a cylinder capacity not exceeding 2,000 cc	No.	
8407.34.2090	----- Other	No.	
8407.34.5000	----- Other	No.	
8407.90	- - Other engines:		
	- - - To be installed in agricultural or horticultural machinery or equipment:		
8407.90.1010	- - - Less than 4,476 W (6 hp)	No.	
8407.90.1050	- - - Other	No.	
	- - - Other:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8407.90.9010	- - - Gas (natural or liquid propane (LP)) engines (except gas turbines)	No.	
	- - - Other:		
8407.90.9030	- - - - Less than 4,476 W (6 hp)	No.	
8407.90.9050	- - - - Other	No.	
8408	- Compression-ignition internal combustion piston engines (diesel or semi-diesel engines):		
8408.10	- - Marine propulsion engines:		
8408.10.0010	- - - Not exceeding 149.2 kW (200 hp)	No.	
8408.10.0020	- - - Exceeding 149.2 kW (200 hp) but not exceeding 223.8 kW (300 hp)	No.	
8408.10.0030	- - - Exceeding 223.8 kW (300 hp) but not exceeding 373 kW (500 hp)	No.	
8408.10.0040	- - - Exceeding 373 kW (500 hp) but not exceeding 746 kW (1,000 hp)	No.	
8408.10.0050	- - - Exceeding 746 kW (1,000 hp)	No.	
8408.20	- - Engines of a kind used for the propulsion of vehicles of chapter 87:		
8408.20.2000	- - - To be installed in vehicles of subheadings 8701.21, 8701.22, 8701.23, 8701.24 or 8701.29 or heading 8702, 8703 or 8704	No.	
8408.20.5000	- - - Other	No.	
8408.90	- - Other engines:		
8408.90.1000	- - - To be installed in agricultural or horticultural machinery or equipment	No.	
	- - - Other:		
8408.90.9010	- - - - Not exceeding 149.2 kW (200 hp)	No.	
8408.90.9020	- - - - Exceeding 149.2 kW (200 hp) but not exceeding 373 kW (500 hp)	No.	
8408.90.9030	- - - - Exceeding 373 kW (500 hp) but not exceeding 746 kW (1,000 hp)	No.	
8408.90.9040	- - - - Exceeding 746 kW (1,000 hp) but not exceeding 1,119 kW (1,500 hp)	No.	
8408.90.9050	- - - - Exceeding 1,119 kW (1,500 hp)	No.	
8409	- Parts suitable for use solely or principally with the engines of heading 8407 or 8408:		
8409.10	- - For aircraft engines:		
8409.10.0040	- - - For use in civil aircraft	kg	
8409.10.0080	- - - Other	kg	
	- - Other:		
8409.91	- - - Suitable for use solely or principally with spark-ignition internal combustion piston engines (including rotary engines):		
8409.91.4000	- - - - For the vehicles of subheadings 8701.21, 8701.22, 8701.23, 8701.24 or 8701.29 or headings 8702, 8703 or 8704	kg	
8409.91.6000	- - - - For marine propulsion engines	kg	
8409.91.8000	- - - - Other	kg	
8409.99	- - - Other:		
8409.99.4000	- - - - For the vehicles of subheadings 8701.21, 8701.22, 8701.23, 8701.24 or 8701.29 or headings 8702, 8703 or 8704	kg	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8409.99.6000	---- For marine propulsion engines	kg	
8409.99.8000	---- Other	kg	
8410	- Hydraulic turbines, water wheels and regulators thereof; parts thereof: -- Hydraulic turbines and water wheels:		
8410.11.0000	--- Of a power not exceeding 1,000 kW	No.	
8410.12.0000	--- Of a power exceeding 1,000 kW but not exceeding 10,000 kW	No.	
8410.13.0000	--- Of a power exceeding 10,000 kW	No.	
8410.90.0000	-- Parts, including regulators	kg	
8411	- Turbojets, turbopropellers and other gas turbines, and parts thereof: -- Turbojets:		
8411.11	--- Of a thrust not exceeding 25 kN: ---- Aircraft turbines:		
8411.11.4010	----- For use in civil aircraft	No.	
8411.11.4050	----- Other	No.	
8411.11.8000	----- Other	No.	
8411.12	--- Of a thrust exceeding 25 kN: ---- Aircraft turbines:		
8411.12.4010	----- For use in civil aircraft	No.	
8411.12.4050	----- Other	No.	
8411.12.8000	----- Other	No.	
	-- Turbopropellers:		
8411.21	--- Of a power not exceeding 1,100 kW: ---- Aircraft turbines:		
8411.21.4010	----- For use in civil aircraft	No.	
8411.21.4050	----- Other	No.	
8411.21.8000	----- Other	No.	
8411.22	--- Of a power exceeding 1,100 kW: ---- Aircraft turbines:		
8411.22.4010	----- For use in civil aircraft	No.	
8411.22.4050	----- Other	No.	
8411.22.8000	----- Other	No.	
	-- Other gas turbines:		
8411.81	--- Of a power not exceeding 5,000 kW: ---- Aircraft turbines:		
8411.81.4010	----- For use in civil aircraft	No.	
8411.81.4050	----- Other	No.	
8411.81.8000	----- Other	No.	
8411.82	--- Of a power exceeding 5,000 kW: ---- Aircraft turbines:		
8411.82.4010	----- For use in civil aircraft	No.	
8411.82.4050	----- Other	No.	
8411.82.8000	----- Other	No.	
	-- Parts:		
8411.91	--- Of turbojets or turbopropellers:		
8411.91.4000	---- Parts of nonaircraft turbines	No.	
	---- Parts of aircraft turbines:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8411.91.7010	----- For use in civil aircraft	No.	
8411.91.7050	----- Other	No.	
8411.99	--- Other:		
8411.99.4000	---- Parts of nonaircraft gas turbines	No.	
	---- Parts of aircraft gas turbines:		
8411.99.7010	----- For use in civil aircraft	No.	
8411.99.7050	----- Other	No.	
8412	- Other engines and motors, and parts thereof:		
8412.10	-- Reaction engines other than turbojets:		
8412.10.0010	--- Missile and rocket engines	No.	
8412.10.0090	--- Other	No.	
	-- Hydraulic power engines and motors:		
8412.21	--- Linear acting (cylinders):		
8412.21.0015	---- Tie-rod type	No.	
8412.21.0030	---- Weld fused type	No.	
	---- Other:		
8412.21.0045	----- Telescoping	No.	
8412.21.0060	----- Rodless	No.	
8412.21.0075	----- Other	No.	
8412.29	--- Other:		
8412.29.4000	---- Hydrojet engines for marine propulsion	No.	
	---- Other:		
	----- Unlimited rotary acting:		
8412.29.8015	----- Gear type	No.	
8412.29.8030	----- Radial piston type	No.	
8412.29.8045	----- Axial piston type	No.	
8412.29.8060	----- Other	No.	
8412.29.8075	----- Other	No.	
	-- Pneumatic power engines and motors:		
8412.31	--- Linear acting (cylinders):		
8412.31.0040	---- Tie-rod type	No.	
8412.31.0080	---- Other	No.	
8412.39	--- Other:		
8412.39.0040	---- Unlimited rotary acting	No.	
8412.39.0080	---- Other	No.	
8412.80	-- Other engines and motors:		
8412.80.1000	--- Spring-operated and weight-operated motors	No.	
8412.80.9000	--- Other	No.	
8412.90	-- Parts:		
8412.90.1000	--- Of hydrojet engines for marine propulsion	kg	
	--- Other:		
	---- Of hydraulic power engines and motors:		
8412.90.9005	----- Of linear acting engines and motors	kg	
8412.90.9015	----- Other	kg	
	---- Of pneumatic power engines and motors:		
8412.90.9025	----- Of linear acting engines and motors	kg	
8412.90.9035	----- Other	kg	
8412.90.9050	---- Of reaction engines other than turbojets	kg	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8412.90.9080	--- Other	kg	
8413	- Pumps for liquids, whether or not fitted with a measuring device; liquid elevators; parts thereof:		
	-- Pumps fitted or designed to be fitted with a measuring device:		
8413.11.0000	--- Pumps for dispensing fuel or lubricants, of the type used in filling stations or in garages	No.	
8413.19.0000	--- Other	No.	
8413.20.0000	-- Hand pumps, other than those of subheading 8413.11 or 8413.19	No.	
8413.30	-- Fuel, lubricating or cooling medium pumps for internal combustion piston engines:		
8413.30.1000	--- Fuel-injection pumps for compression-ignition engines	No.	
8413.30.9000	--- Other	No.	
8413.40.0000	-- Concrete pumps	No.	
8413.50	-- Other reciprocating positive displacement pumps:		
8413.50.0010	--- Oil well and oil field pumps	No.	
8413.50.0050	--- Diaphragm pumps	No.	
	--- Other:		
	---- Hydraulic fluid power pumps:		
8413.50.0070	----- Radial piston type	No.	
8413.50.0080	----- Other	No.	
8413.50.0090	----- Other	No.	
8413.60	-- Other rotary positive displacement pumps:		
	--- Hydraulic fluid power pumps:		
8413.60.0020	---- Vane type	No.	
8413.60.0030	---- Gear type	No.	
8413.60.0040	---- Other	No.	
	--- Other:		
8413.60.0050	---- Oil well and oil field pumps	No.	
8413.60.0070	---- Roller pumps	No.	
8413.60.0090	---- Other	No.	
8413.70	-- Other centrifugal pumps:		
8413.70.1000	--- Stock pumps for use with machines for making cellulosic pulp, paper or paperboard	No.	
	--- Other:		
8413.70.2004	---- Submersible pumps	No.	
	---- Other:		
	----- Single-stage, single-suction, close-coupled:		
8413.70.2005	----- With discharge outlet under 5.08 cm (2 in.) in diameter	No.	
8413.70.2015	----- With discharge outlet 5.08 cm (2 in.) or over in diameter	No.	
	----- Single-stage, single-suction, frame-mounted:		
8413.70.2022	----- With discharge outlet under 7.6 cm (3 in.) in diameter	No.	
8413.70.2025	----- With discharge outlet 7.6 cm (3 in.) or over in diameter	No.	
8413.70.2030	----- Single-stage, double-suction	No.	
8413.70.2040	----- Multi-stage, single- or double-suction	No.	
8413.70.2090	----- Other	No.	
	-- Other pumps; liquid elevators:		
8413.81	--- Pumps:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8413.81.0020	---- Turbine pumps	No.	
8413.81.0030	---- Household water systems, self-contained; and windmill pumps	No.	
8413.81.0040	---- Other	No.	
8413.82.0000	--- Liquid elevators	No.	
	-- Parts:		
8413.91	--- Of pumps:		
8413.91.1000	---- Of fuel-injection pumps for compression-ignition engines	kg	
	---- Other:		
8413.91.9010	----- Of subheading 8413.30.90	kg	
8413.91.9050	----- Of hydraulic fluid power pumps	kg	
8413.91.9520	----- Other	kg	
8413.92.0000	--- Of liquid elevators	kg	
8414	- 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: parts thereof:		
8414.10.0000	-- Vacuum pumps	No.	
8414.20.0000	-- Hand- or foot-operated air pumps	No.	
8414.30	-- Compressors of a kind used in refrigerating equipment (including air conditioning):		
8414.30.4000	--- Not exceeding 1/4 horsepower	No.	
	--- Other:		
	---- Screw type:		
8414.30.8010	----- Not exceeding 200 horsepower	No.	
8414.30.8020	----- Exceeding 200 horsepower	No.	
	----- Other:		
	----- For all refrigerants except ammonia:		
8414.30.8030	----- For motor vehicles	No.	
	----- Other:		
8414.30.8050	----- Exceeding 1/4 horsepower but not exceeding 1 horsepower	No.	
8414.30.8060	----- Exceeding 1 horsepower but not exceeding 3 horsepower	No.	
8414.30.8070	----- Exceeding 3 horsepower but not exceeding 10 horsepower	No.	
8414.30.8080	----- Exceeding 10 horsepower	No.	
8414.30.8090	----- For ammonia	No.	
8414.40.0000	-- Air compressors mounted on a wheeled chassis for towing	No.	
	-- Fans:		
8414.51	--- Table, floor, wall, window, ceiling or roof fans, with a self- contained electric motor of an output not exceeding 125 W:		
8414.51.0010	---- For permanent installation	No.	
8414.51.0090	---- Other (including portable)	No.	
8414.59	--- Other:		
8414.59.3000	---- Turbochargers and superchargers (fan type)	No.	
	---- Other:		
8414.59.6040	----- Suitable for use with motor vehicles	No.	
8414.59.9080	----- Other	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8414.60.0000	-- Hoods having a maximum horizontal side not exceeding 120 cm (47.2 in.)	No.	
8414.70.0000	-- Gas-tight biological safety cabinets	No.	
8414.80	-- Other, except parts:		
	--- Air compressors:		
8414.80.0500	---- Turbochargers and superchargers	No.	
	---- Other:		
	----- Stationary:		
	----- Reciprocating:		
8414.80.1618	----- Not exceeding 11.19 kW (15 hp)	No.	
8414.80.1642	----- Exceeding 11.19 kW (15 hp) but not exceeding 74.6 kW (100 hp)	No.	
8414.80.1655	----- Exceeding 74.6 kW (100 hp)	No.	
	----- Rotary:		
8414.80.1660	----- Not exceeding 11.19 kW (15 hp)	No.	
8414.80.1667	----- Exceeding 11.19 kW (15 hp) but not exceeding 74.6 kW (100 hp)	No.	
8414.80.1675	----- Exceeding 74.6 kW (100 hp)	No.	
8414.80.1680	----- Other	No.	
	----- Portable:		
8414.80.1685	----- Under 0.57 cubic meters per minute	No.	
8414.80.1690	----- Other	No.	
	--- Other compressors (including gas compressors):		
8414.80.2005	---- Refrigerant recovery units	No.	
	---- Other:		
8414.80.2015	---- Centrifugal and axial	No.	
	---- Other, including reciprocating and rotary:		
8414.80.2055	----- Not exceeding 186.5 kW (250 hp)	No.	
8414.80.2065	----- Exceeding 186.5 kW (250 hp) but not exceeding 746 kW (1,000 hp)	No.	
8414.80.2075	----- Exceeding 746 kW (1,000 hp)	No.	
8414.80.9000	--- Other	No.	
8414.90	-- Parts:		
	--- Of fans (including blowers) and ventilating or recycling hoods:		
8414.90.1040	---- Of fans of subheading 8414.51	kg	
8414.90.1080	---- Other	kg	
	--- Of compressors:		
8414.90.2015	---- Of refrigerating and air conditioning compressors	kg	
8414.90.2095	---- Other	kg	
8414.90.9100	--- Other	kg	
8415	- 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: parts thereof:		
8415.10	-- Of a kind designed to be fixed to a window, wall, ceiling or floor, self-contained or "split system":		
	--- Self-contained:		
8415.10.3040	---- Less than 2.93 kW per hour (10,000 btu/hr.)	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8415.10.3060	--- 2.93 kW per hour or greater but less than 4.98 kW per hour (10,000 thru 16,999 btu/hr.)	No.	
8415.10.3080	---- 4.98 kW per hour or greater (17,000 btu/hr. and greater)	No.	
	--- Other:		
8415.10.6000	---- Incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps)	No.	
8415.10.9000	---- Other	No.	
8415.20.0000	-- Of a kind used for persons, in motor vehicles	No.	
	-- Other, except parts:		
8415.81	--- Incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps):		
	---- Self-contained:		
8415.81.0110	----- Not exceeding 17.58 kW per hour (60,000 btu/hr.)	No.	
8415.81.0120	----- Exceeding 17.58 kW per hour (60,000 btu/hr.)	No.	
8415.81.0130	----- Other	No.	
8415.82	--- Other, incorporating a refrigerating unit:		
	---- Self-contained machines and remote condenser type air conditioners other than year-round units:		
8415.82.0105	----- Not exceeding 17.58 kW per hour (60,000 btu/hr.)	No.	
8415.82.0110	----- Exceeding 17.58 kW per hour (60,000 btu/hr.)	No.	
	---- Year-round units (heating and cooling):		
8415.82.0115	----- Not exceeding 17.58 kW per hour (60,000 btu/hr.)	No.	
8415.82.0120	----- Exceeding 17.58 kW per hour (60,000 btu/hr.)	No.	
	---- Room and central station air conditioning units for use with water chillers:		
8415.82.0130	----- Room fan coil units	No.	
8415.82.0135	----- Central station air handlers	No.	
8415.82.0140	----- Other (including variable air volume terminal units)	No.	
8415.82.0150	---- Dehumidifiers	No.	
8415.82.0170	---- Other air conditioning machines incorporating a refrigerating unit	No.	
8415.83	--- Not incorporating a refrigerating unit:		
	---- Heat exchangers including condensing units:		
	----- Condensing units:		
8415.83.0050	----- Not exceeding 17.58 kW per hour (60,000 btu/hr.)	No.	
8415.83.0060	----- Exceeding 17.58 kW per hour (60,000 btu/hr.)	No.	
8415.83.0070	----- Other	No.	
8415.83.0090	---- Other air conditioning machines not incorporating a refrigerating unit	No.	
8415.90	-- Parts:		
8415.90.8025	--- Air conditioning evaporator coils	No.	
8415.90.9000	--- Other	kg	
8416	- Furnace burners for liquid fuel, for pulverized solid fuel or for gas; mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances; parts thereof:		
8416.10.0000	-- Furnace burners for liquid fuel	No.	
8416.20	-- Other furnace burners, including combination burners:		
8416.20.0040	--- Gas burners	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8416.20.0080	- - - Other	No.	
8416.30.0000	- - Mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances	No.	
8416.90.0000	- - Parts	kg	
8417	- Industrial or laboratory furnaces and ovens, including incinerators, nonelectric, and parts thereof:		
8417.10.0000	- - Furnaces and ovens for the roasting, melting or other heat treatment of ores, pyrites or of metals	No.	
8417.20.0000	- - Bakery ovens, including biscuit ovens	No.	
8417.80.0000	- - Other, except parts	No.	
8417.90.0000	- - Parts	kg	
8418	- Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps, other than air conditioning machines of heading 8415: parts thereof:		
8418.10	- - Combined refrigerator-freezers, fitted with separate external doors or drawers, or combinations thereof:		
	- - - Compression type:		
8418.10.0010	- - - - Having a refrigerated volume of under 184 liters (6.5 cubic feet)	No.	
8418.10.0020	- - - - Having a refrigerated volume of 184 liters (6.5 cubic feet) and over but under 269 liters (9.5 cubic feet)	No.	
8418.10.0030	- - - - Having a refrigerated volume of 269 liters (9.5 cubic feet) and over but under 382 liters (13.5 cubic feet)	No.	
8418.10.0040	- - - - Having a refrigerated volume of 382 liters (13.5 cubic feet) and over	No.	
8418.10.0090	- - - Other (including absorption type)	No.	
	- - Refrigerators, household type:		
8418.21	- - - Compression type:		
8418.21.0010	- - - - Having a refrigerated volume of under 184 liters (6.5 cubic feet)	No.	
8418.21.0020	- - - - Having a refrigerated volume of 184 liters (6.5 cubic feet) and over but under 269 liters (9.5 cubic feet)	No.	
8418.21.0030	- - - - Having a refrigerated volume of 269 liters (9.5 cubic feet) and over but under 382 liters (13.5 cubic feet)	No.	
8418.21.0090	- - - - Having a refrigerated volume of 382 liters (13.5 cubic feet) and over	No.	
8418.29	- - - Other:		
8418.29.1000	- - - - Absorption type, electrical	No.	
8418.29.2000	- - - - Other	No.	
8418.30.0000	- - Freezers of the chest type, not exceeding 800 liters capacity	No.	
8418.40.0000	- - Freezers of the upright type, not exceeding 900 liters capacity	No.	
8418.50	- - Other furniture (chests, cabinets, display counters, show-cases and the like) for storage and display, incorporating refrigerating or freezing equipment:		
8418.50.0040	- - - Freezing	No.	
8418.50.0080	- - - Other	No.	
	- - Other refrigerating or freezing equipment; heat pumps:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8418.61.0100	- - - Heat pumps other than air conditioning machines of heading 8415	No.	
8418.69	- - - Other:		
8418.69.0110	- - - - Icemaking machines	No.	
8418.69.0120	- - - - Drinking water coolers, self-contained	No.	
8418.69.0130	- - - - Soda fountain and beer dispensing equipment	No.	
8418.69.0140	- - - - Centrifugal liquid chilling refrigerating units	No.	
8418.69.0150	- - - - Reciprocating liquid chilling refrigerating units	No.	
8418.69.0160	- - - - Absorption liquid chilling units	No.	
8418.69.0180	- - - - Other refrigerating or freezing equipment	No.	
	- - Parts:		
8418.91.0000	- - - Furniture designed to receive refrigerating or freezing equipment	No.	
8418.99	- - - Other:		
	- - - - Refrigeration condensing units:		
8418.99.0005	- - - - - Not exceeding 746 W (1 hp)	No.	
8418.99.0010	- - - - - Exceeding 746 W (1 hp) but not exceeding 2.2 kW (3 hp)	No.	
8418.99.0015	- - - - - Exceeding 2.2 kW (3 hp) but not exceeding 7.5 kW (10 hp)	No.	
8418.99.0020	- - - - - Exceeding 7.5 kW (10 hp) but not exceeding 22.3 kW (30 hp)	No.	
8418.99.0025	- - - - - Exceeding 22.3 kW (30 hp)	No.	
	- - - - Other:		
8418.99.0050	- - - - - Parts of combined refrigerator-freezers fitted with separate external doors and parts of household type refrigerators	kg	
8418.99.0060	- - - - - Other (parts of all other refrigerating or freezing equipment)	kg	
8419	- Machinery, plant or laboratory equipment, whether or not electrically heated (excluding furnaces, ovens and other equipment of heading 8514), for the treatment of materials by a process involving a change of temperature such as heating, cooking, roasting, distilling, rectifying, sterilizing, pasteurizing, steaming, drying, evaporating, vaporizing, condensing or cooling, other than machinery or plant of a kind used for domestic purposes;		
	- - Instantaneous or storage water heaters, nonelectric:		
8419.11.0000	- - - Instantaneous gas water heaters	No.	
8419.12.0000	- - - Solar water heaters	No.	
8419.19.0000	- - - Other	No.	
8419.20.0000	- - Medical, surgical or laboratory sterilizers	No.	
	- - Dryers:		
8419.33	- - - Lyophilization apparatus, freeze drying units and spray dryers:		
8419.33.1000	- - - - For agricultural products	No.	
8419.33.5000	- - - - Other	No.	
8419.34.0000	- - - Other, for agricultural products	No.	
8419.35	- - - Other, for wood, paper pulp, paper or paperboard:		
8419.35.1000	- - - - For wood	No.	
8419.35.5000	- - - - Other	No.	
8419.39	- - - Other:		
8419.39.0270	- - - - For food and beverages	No.	
8419.39.0280	- - - - Other	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8419.40	-- Distilling or rectifying plant:		
8419.40.0040	--- For food and beverages	No.	
8419.40.0080	--- Other	No.	
8419.50.0000	-- Heat exchange units	No.	
8419.60.0000	-- Machinery for liquefying air or other gases	No.	
	-- Other machinery, plant or equipment:		
8419.81	--- For making hot drinks or for cooking or heating food:		
8419.81.5000	---- Cooking stoves, ranges and ovens	No.	
	---- Other:		
8419.81.9040	----- Of a type used in restaurants, hotels or similar locations	No.	
8419.81.9080	----- Other	No.	
8419.89	--- Other:		
8419.89.1000	---- For making paper pulp, paper or paperboard	No.	
	---- Other:		
	----- Designed for cooling:		
8419.89.9520	----- For food and beverages	No.	
8419.89.9540	----- Other	No.	
	----- Other:		
8419.89.9560	----- For food and beverages	No.	
8419.89.9580	----- For rubber and plastics	No.	
8419.89.9585	----- For other materials	No.	
8419.90	-- Parts:		
8419.90.2000	--- Of machinery and plant for making paper pulp, paper or paperboard	kg	
	--- Other:		
8419.90.8500	---- Of electromechanical tools for working in the hand with self-contained motor	kg	
	---- Other:		
8419.90.9520	----- Of apparatus of a type used in restaurants, hotels or similar locations	kg	
8419.90.9540	----- Of medical, surgical or laboratory sterilizers	kg	
8419.90.9550	----- Other	kg	
8420	- Calendering or other rolling machines, other than for metals or glass, and cylinders therefor; parts thereof:		
8420.10	-- Calendering or other rolling machines:		
8420.10.1000	--- Textile calendering or rolling machines	No.	
8420.10.2000	--- Calendering or similar rolling machines for making paper pulp, paper or paperboard	No.	
	--- Other:		
8420.10.9040	---- Calendering or other rolling machines for rubber and plastics	No.	
8420.10.9080	---- Other	No.	
	-- Parts:		
8420.91.0000	--- Cylinders	No.	
8420.99.0000	--- Other	kg	
8421	- Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases; parts thereof:		
	-- Centrifuges, including centrifugal dryers:		
8421.11.0000	--- Cream separators	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8421.12.0000	- - - Clothes dryers	No.	
8421.19.0000	- - - Other	No.	
	- - Filtering or purifying machinery and apparatus for liquids:		
8421.21.0000	- - - For filtering or purifying water	No.	
8421.22.0000	- - - For filtering or purifying beverages other than water	No.	
8421.23.0000	- - - Oil or fuel filters for internal combustion engines	No.	
8421.29	- - - Other:		
8421.29.0005	- - - - Refrigerant recovery and recycling units	No.	
	- - - - Other:		
8421.29.0015	- - - - - Oil-separation equipment	No.	
	- - - - - Other:		
8421.29.0040	- - - - - Hydraulic fluid power filters rated at 1,000 kPa or greater	No.	
8421.29.0065	- - - - - Other	No.	
	- - Filtering or purifying machinery and apparatus for gases:		
8421.31.0000	- - - Intake air filters for internal combustion engines	No.	
8421.32.0000	- - - Catalytic converters or particulate filters, whether or not combined, for purifying or filtering exhaust gases from internal combustion engines	No.	
8421.39	- - - Other:		
	- - - - Dust collection and air purification equipment:		
8421.39.0105	- - - - - For machine tools of heading 8456 through 8465, inclusive	kg	
8421.39.0115	- - - - - Other	kg	
	- - - - Other:		
	- - - - - Industrial gas cleaning equipment:		
8421.39.0120	- - - - - Electrostatic precipitators	No.	
8421.39.0130	- - - - - Other	No.	
8421.39.0140	- - - - - Gas separation equipment	No.	
	- - - - - Other:		
8421.39.0160	- - - - - Pneumatic fluid power filters, rated at 550 kPa or greater	No.	
8421.39.0190	- - - - - Other	kg	
	- - Parts:		
8421.91.0000	- - - Of centrifuges, including centrifugal dryers	kg	
8421.99	- - - Other:		
8421.99.0140	- - - - Parts for machinery and apparatus for filtering or purifying water	kg	
8421.99.0180	- - - - Other	kg	
8422	- Dishwashing machines; machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing or labeling 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; parts thereof:		
	- - Dishwashing machines:		
8422.11.0000	- - - Of the household type	No.	
8422.19.0000	- - - Other	No.	
8422.20.0000	- - Machinery for cleaning or drying bottles or other containers	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8422.30	-- Machinery for filling, closing, sealing, or labeling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; machinery for aerating beverages:		
8422.30.1100	--- Can-sealing machines	No.	
	--- Other:		
8422.30.9110	---- Machines for aerating beverages	No.	
8422.30.9120	---- Labeling machines	No.	
	---- Other:		
	----- Machinery for filling, closing, sealing, capsuling or labeling bottles, cans or similar containers:		
	----- Machines for filling, whether or not capable of performing other operations:		
8422.30.9130	----- Vacuum or gas packaging	No.	
8422.30.9140	----- Other	No.	
	----- Machines which perform only the following operations: capping, lidding, sealing or closing:		
8422.30.9150	----- Vacuum or gas packaging	No.	
8422.30.9160	----- Other	No.	
8422.30.9170	----- Other	No.	
	----- Machinery for filling, closing, sealing, capsuling or labeling boxes, bags or similar containers:		
8422.30.9180	----- Machines for opening, filling and closing bags	No.	
8422.30.9190	----- Other	No.	
8422.40.0002	-- Other packing or wrapping machinery (including heat-shrink wrapping machinery)	No.	
8422.90	-- Parts:		
	--- Of dishwashing machines:		
8422.90.0540	---- Of the household type	kg	
8422.90.0580	---- Other	kg	
8422.90.9502	--- Other	kg	
8423	- 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; parts of weighing machinery:		
8423.10	-- Personal weighing machines, including baby scales; household scales:		
8423.10.0010	--- Digital electronic type	No.	
8423.10.0050	--- Other	No.	
8423.20.0000	-- Scales for continuous weighing of goods on conveyors	No.	
8423.30.0000	-- Constant-weight scales and scales for discharging a pre-determined weight of material into a bag or container, including hopper scales	No.	
	-- Other weighing machinery:		
8423.81	--- Having a maximum weighing capacity not exceeding 30 kg:		
	---- Digital electronic type:		
8423.81.0010	----- Counting scales	No.	
8423.81.0020	----- Retail scales, non-computing	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8423.81.0030	----- Retail scales, computing	No.	
8423.81.0040	----- Other	No.	
8423.81.0050	----- Other	No.	
8423.82.0000	--- Having a maximum weighing capacity exceeding 30 kg but not exceeding 5,000 kg	No.	
8423.89.0000	--- Other	No.	
8423.90	-- Weighing machine weights of all kinds; parts of weighing machinery:		
8423.90.0040	--- Digital weight indicators	No.	
8423.90.0080	--- Other	kg	
8424	- 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; parts thereof:		
8424.10.0000	-- Fire extinguishers, whether or not charged	No.	
8424.20.0000	-- Spray guns and similar appliances	No.	
8424.30	-- Steam or sand blasting machines and similar jet projecting machines:		
8424.30.1000	--- Sand blasting machines	No.	
8424.30.9000	--- Other	kg	
	-- Agricultural or horticultural sprayers:		
8424.41	--- Portable sprayers:		
8424.41.1000	---- Sprayers (except sprayers, self-contained, having a capacity not over 20 liters (5.2 gallons))	No.	
8424.41.9000	---- Other	No.	
8424.49.0000	--- Other	No.	
	-- Other appliances:		
8424.82	--- Agricultural or horticultural:		
	---- Irrigation equipment:		
8424.82.0010	----- Self-propelled, center pivot	No.	
8424.82.0020	----- Other (including lateral move)	No.	
8424.82.0090	----- Other	No.	
8424.89.0000	--- Other	No.	
8424.90	-- Parts:		
8424.90.2000	--- Of sand blasting machines	kg	
	--- Other:		
8424.90.9040	---- Of steam and similar jet projecting machines	kg	
8424.90.9500	---- Other	kg	
8425	- Pulley tackle and hoists other than skip hoists; winches and capstans; jacks:		
	-- Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles:		
8425.11.0000	--- Powered by electric motor	No.	
8425.19.0000	--- Other	No.	
	-- Winches; capstans:		
8425.31.0100	--- Powered by electric motor	No.	
8425.39.0100	--- Other	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
	- - Jacks; hoists of a kind used for raising vehicles:		
8425.41.0000	- - - Built-in jacking systems of a type used in garages	No.	
8425.42.0000	- - - Other jacks and hoists, hydraulic	No.	
8425.49.0000	- - - Other	No.	
8426	- Ships' derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane:		
	- - Overhead traveling cranes, transporter cranes, gantry cranes, bridge cranes, mobile lifting frames and straddle carriers:		
8426.11.0000	- - - Overhead traveling cranes on fixed support	No.	
8426.12.0000	- - - Mobile lifting frames on tires and straddle carriers	No.	
8426.19.0000	- - - Other	No.	
8426.20.0000	- - Tower cranes	No.	
8426.30.0000	- - Portal or pedestal jib cranes	No.	
	- - Other machinery, self-propelled:		
8426.41	- - - On tires:		
8426.41.0005	- - - - Works trucks fitted with a crane	No.	
	- - - - Other:		
8426.41.0010	- - - - - Cable operated	No.	
8426.41.0090	- - - - - Other	No.	
8426.49	- - - Other:		
8426.49.0010	- - - - Cable operated	No.	
8426.49.0090	- - - - Other	No.	
	- - Other machinery:		
8426.91.0000	- - - Designed for mounting on road vehicles	No.	
8426.99.0000	- - - Other	No.	
8427	- Fork-lift trucks; other works trucks fitted with lifting or handling equipment:		
8427.10	- - Self-propelled trucks powered by an electric motor:		
8427.10.4000	- - - Rider-type, counterbalanced fork-lift trucks	No.	
	- - - Other:		
8427.10.8010	- - - - Operator riding	No.	
8427.10.8060	- - - - Automated guided vehicle (AGV)	No.	
8427.10.8090	- - - - Other	No.	
8427.20	- - Other self-propelled trucks:		
8427.20.4000	- - - Rider-type, counterbalanced fork-lift trucks	No.	
	- - - Other:		
8427.20.8020	- - - - Aerial work platforms	No.	
8427.20.8040	- - - - Other	No.	
8427.90	- - Other trucks:		
8427.90.0020	- - - Aerial work platforms	No.	
8427.90.0040	- - - Other	No.	
8428	- Other lifting, handling, loading or unloading machinery (for example, elevators, escalators, conveyors, teleferics):		
8428.10.0000	- - Passenger or freight elevators other than continuous action; skip hoists	No.	
8428.20	- - Pneumatic elevators and conveyors:		
8428.20.0010	- - - Conveyors	No.	
8428.20.0050	- - - Elevators	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
	-- Other continuous-action elevators and conveyors, for goods or materials:		
8428.31.0000	--- Specially designed for underground use	No.	
8428.32.0000	--- Other, bucket type	No.	
8428.33.0000	--- Other, belt type	No.	
8428.39.0000	--- Other	No.	
8428.40.0000	-- Escalators and moving walkways	No.	
8428.60.0000	-- Teleferics, chair lifts, ski draglines; traction mechanisms for funiculars	No.	
8428.70.0000	-- Industrial robots	No.	
8428.90	-- Other machinery:		
8428.90.0310	--- Woodland log handling equipment (other than skidders)	No.	
8428.90.0390	--- Other	No.	
8429	- Self-propelled bulldozers, angledozers, graders, levelers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers:		
	-- Bulldozers and angledozers:		
8429.11	--- Track laying:		
8429.11.0010	---- New	No.	
8429.11.0090	---- Used or rebuilt	No.	
8429.19	--- Other:		
8429.19.0010	---- New	No.	
8429.19.0090	---- Used or rebuilt	No.	
8429.20.0000	-- Graders and levelers	No.	
8429.30	-- Scrapers:		
	--- New:		
8429.30.0020	---- Not exceeding 13.7 m3 (18 cu. yds.)	No.	
8429.30.0040	---- Exceeding 13.7 m3 (18 cu. yds)	No.	
8429.30.0060	--- Used or rebuilt	No.	
8429.40	-- Tamping machines and road rollers:		
	--- New:		
8429.40.0020	---- Vibratory	No.	
8429.40.0040	---- Other (nonvibratory)	No.	
8429.40.0060	--- Used or rebuilt	No.	
	-- Mechanical shovels, excavators and shovel loaders:		
8429.51	--- Front-end shovel loaders:		
	---- Wheel type:		
	----- New:		
	----- Integral tractor shovel loaders, rear engine mounted:		
8429.51.1005	----- 2 wheel drive	No.	
	----- 4 wheel drive with a bucket capacity of:		
8429.51.1015	----- Under 1.5 m3 (2 cu. yds)	No.	
8429.51.1025	----- At least 1.5 m3 (2 cu. yds.) but under 2.2 m3 (2 « cu. yds)	No.	
8429.51.1030	----- At least 2.2 m3 (2 « cu. yds.) but under 2.9 m3 (3 « cu. yds.)	No.	
8429.51.1035	----- At least 2.9 m3 (3 « cu. yds.) but under 3.8 m3 (5 cu. yds.)	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8429.51.1040	----- At least 3.8 m3 (5 cu. yds.) but under 5.2 m3 (6 « cu. yds.)	No.	
8429.51.1045	----- At least 5.2 m3 (6 « cu. yds.) but under 7.6 m3 (10 cu. yds.)	No.	
8429.51.1050	----- At least 7.6 m3 (10 cu. yds.) but under 11.4 m3 (15 cu. yds.)	No.	
8429.51.1055	----- 11.4 m3 (15 cu. yds.) and over	No.	
8429.51.1060	----- Other	No.	
8429.51.1065	----- Used or rebuilt	No.	
	----- Other:		
	----- New:		
8429.51.5010	----- Less than 44.7 kW (60 net engine hp)	No.	
8429.51.5020	----- At least 44.7 kW (60 net engine hp) but under 67.1 kW (90 net engine hp)	No.	
8429.51.5030	----- At least 67.1 kW (90 net engine hp) but under 93.2 kW (125 net engine hp)	No.	
8429.51.5040	----- At least 93.2 kW (125 net engine hp) but under 119.3 kW (160 net engine hp)	No.	
8429.51.5050	----- 119.3 kW (160 net engine hp) and over	No.	
8429.51.5060	----- Used or rebuilt	No.	
8429.52	--- Machinery with a 360 revolving superstructure:		
	---- Backhoes, shovels, clamshells, and draglines:		
	----- New:		
	----- Crawler mounted:		
8429.52.1010	----- Hydraulic	No.	
8429.52.1020	----- Other (including cable operated)	No.	
	----- Other (except truck mounted of chapter 87):		
8429.52.1030	----- Hydraulic	No.	
8429.52.1040	----- Other (including cable operated)	No.	
8429.52.1050	----- Used or rebuilt	No.	
	----- Other:		
8429.52.5010	----- New	No.	
8429.52.5090	----- Used or rebuilt	No.	
8429.59	--- Other:		
	---- Backhoes, shovels, clamshells and draglines:		
	----- New:		
8429.59.1030	----- Backhoes	No.	
8429.59.1060	----- Other	No.	
8429.59.1090	----- Used or rebuilt	No.	
	----- Other:		
	----- New:		
	----- Ditchers and trenchers (self-propelled):		
8429.59.5020	----- Ladder type	No.	
8429.59.5040	----- Other	No.	
8429.59.5060	----- Other	No.	
8429.59.5080	----- Used or rebuilt	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8430	- Other moving, grading, leveling, scraping, excavating, tamping, compacting, extracting or boring machinery, for earth, minerals or ores; pile-drivers and pile-extractors; snowplows and snowblowers:		
8430.10.0000	-- Pile-drivers and pile-extractors	No.	
8430.20	-- Snowplows and snowblowers:		
	--- Snowblowers (throwers):		
8430.20.0030	---- Attachment type	No.	
8430.20.0060	---- Other	No.	
8430.20.0090	--- Other	No.	
	-- Coal or rock cutters and tunneling machinery:		
8430.31.0000	--- Self-propelled	No.	
8430.39.0000	--- Other	No.	
	-- Other boring or sinking machinery:		
8430.41.0000	--- Self-propelled	No.	
8430.49	--- Other:		
8430.49.4000	---- Offshore oil and natural gas drilling and production platforms	kg	
	---- Other:		
	----- For oil and gas field drilling:		
8430.49.8010	----- Rotary	No.	
8430.49.8020	----- Other	No.	
	----- For water well drilling:		
8430.49.8030	----- Rotary	No.	
8430.49.8040	----- Other	No.	
8430.49.8050	----- Other (including percussion type rock drills)	No.	
8430.50.0000	-- Other machinery, self-propelled	No.	
	-- Other machinery, not self-propelled:		
8430.61.0000	--- Tamping or compacting machinery	No.	
8430.69.0100	--- Other	No.	
8431	- Parts suitable for use solely or principally with the machinery of headings 8425 to 8430:		
8431.10	-- Of machinery of heading 8425:		
8431.10.0010	--- Of machinery of subheading 8425.11 or 8425.19	No.	
8431.10.0090	--- Other	No.	
8431.20.0000	-- Of machinery of heading 8427	No.	
	-- Of machinery of heading 8428:		
8431.31	--- Of passenger or freight elevators other than continuous action, skip hoists or escalators:		
8431.31.0020	---- Of skip hoists	No.	
8431.31.0040	---- Of escalators	No.	
8431.31.0060	---- Other	No.	
8431.39	--- Other:		
8431.39.0010	---- Of elevators and conveyors	No.	
	---- Other:		
8431.39.0050	----- Of oil and gas field machinery	No.	
8431.39.0090	----- Other	No.	
	-- Of machinery of heading 8426, 8429 or 8430:		
8431.41	--- Buckets, shovels, grabs and grips:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8431.41.0020	---- Shovel attachments	No.	
8431.41.0040	---- Clamshell (grapple) attachments	No.	
8431.41.0060	---- Dragline buckets	No.	
8431.41.0080	---- Other	No.	
8431.42.0000	--- Bulldozer or angledozer blades	No.	
8431.43	--- Parts for boring or sinking machinery of subheading 8430.41 or 8430.49:		
8431.43.4000	---- Of offshore oil and natural gas drilling and production platforms	No.	
	---- Other:		
8431.43.8010	----- Of oil and gas field machinery	No.	
8431.43.8090	----- Of other boring or sinking machinery	No.	
8431.49	--- Other:		
	---- Of machinery of heading 8426:		
8431.49.1010	----- Of machinery of subheading 8426.11, 8426.19 and 8426.30	No.	
8431.49.1060	----- Of mobile lifting frames, straddle carriers, and works trucks fitted with a crane	No.	
8431.49.1090	----- Other	No.	
	---- Attachments for mounting on machinery:		
8431.49.9005	----- Backhoe attachments	No.	
8431.49.9010	----- Front-end loader attachments	No.	
8431.49.9015	----- Rippers and rooters	No.	
8431.49.9020	----- Other	No.	
	---- Other:		
8431.49.9027	----- Parts of coal or rock cutters and tunneling machinery	No.	
8431.49.9037	----- Parts of backhoes, shovels, clamshells and draglines	No.	
	----- Other:		
8431.49.9045	----- Scraper bowls for scrapers of subheading 8429.30 and 8430.69	No.	
8431.49.9057	----- Other	No.	
8432	- Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports ground rollers; parts thereof:		
8432.10	-- Plows:		
8432.10.0020	--- Moldboard plows except listers	No.	
8432.10.0040	--- Disc plows	No.	
8432.10.0060	--- Other	No.	
	-- Harrows, scarifiers, cultivators, weeders and hoes:		
8432.21.0000	--- Disc harrows	No.	
8432.29	--- Other:		
	---- Cultivators, weeders and hoes:		
8432.29.0040	----- Cultivators, tractor drawn or for tractor mounting	No.	
8432.29.0060	----- Walk behind rotary tillers	No.	
8432.29.0080	----- Other	No.	
8432.29.0090	----- Other	No.	
	-- Seeders, planters, and transplanters:		
	--- No-till direct seeders, planters and transplanters:		
8432.31.0010	---- Planters and transplanters	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8432.31.0090	--- Seeders (including drills)	No.	
	--- Other:		
8432.39.0010	---- Planters and transplanters	No.	
8432.39.0090	---- Seeders (including drills)	No.	
	-- Manure spreaders and fertilizer distributors:		
8432.41.0000	--- Manure spreaders	No.	
8432.42.0000	--- Fertilizer distributors	No.	
8432.80.0000	-- Other machinery	No.	
8432.90	-- Parts:		
8432.90.0005	--- Of plows	No.	
8432.90.0015	--- Of harrows, scarifiers, cultivators, weeders and hoes	No.	
8432.90.0030	--- Of seeders, planters, transplanters, manure spreaders and fertilizer distributors	No.	
8432.90.0080	--- Of other machinery	No.	
8433	- 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 8437 or parts thereof:		
	- - Mowers for lawns, parks or sports grounds:		
8433.11	--- Powered, with the cutting device rotating in a horizontal plane:		
8433.11.0010	---- Electric mowers, including battery operated	No.	
	---- Riding mowers, other than electric:		
8433.11.0020	----- Under 5.2 kW (7 hp)	No.	
8433.11.0030	----- 5.2 kW (7 hp) and over but under 7.46 kW (10 hp)	No.	
8433.11.0040	----- 7.46 kW (10 hp) and over	No.	
	---- Other:		
8433.11.0050	----- Under 3.7 kW (5 hp)	No.	
8433.11.0060	----- 3.7 kW (5 hp) and over	No.	
8433.19	--- Other:		
8433.19.0010	---- Greens mowers	No.	
8433.19.0020	---- Gang cutting units	No.	
8433.19.0030	---- Other riding mowers	No.	
	---- Other:		
8433.19.0040	----- Gasoline powered	No.	
8433.19.0050	----- Other	No.	
8433.20	-- Other mowers, including cutter bars for tractor mounting:		
	--- Tractor drawn or for tractor mounting:		
8433.20.0020	---- Rotary cutter type	No.	
8433.20.0040	---- Other (including cutter bar type)	No.	
8433.20.0060	--- Other	No.	
8433.30.0000	-- Other haymaking machinery	No.	
8433.40.0000	-- Straw or fodder balers, including pick-up balers	No.	
	-- Other harvesting machinery; threshing machinery:		
8433.51	--- Combine harvester-threshers:		
8433.51.0010	---- Self-propelled	No.	
8433.51.0090	---- Other	No.	
8433.52.0000	--- Other threshing machinery	No.	
8433.53.0000	--- Root or tuber harvesting machines	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8433.59	- - - Other:		
8433.59.0010	- - - - Field forage harvesters	No.	
8433.59.0090	- - - - Other	No.	
8433.60	- - Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce:		
8433.60.0010	- - - Machines for cleaning, sorting or grading eggs	No.	
8433.60.0090	- - - Other	No.	
8433.90	- - Parts:		
8433.90.1000	- - - Of mowers for lawns, parks or sports grounds	No.	
	- - - Other:		
	- - - - Of other mowers, harvesting machines and threshing machines:		
8433.90.5020	- - - - - Of haying machines and balers	No.	
8433.90.5040	- - - - - Other	No.	
8433.90.5060	- - - - Of machines for cleaning, sorting, or grading eggs	No.	
8433.90.5080	- - - - Of machines for cleaning, sorting or grading fruit or other agricultural produce	No.	
8434	- Milking machines and dairy machinery, and parts thereof:		
8434.10.0000	- - Milking machines	No.	
8434.20.0000	- - Dairy machinery	No.	
8434.90.0000	- - Parts	No.	
8435	- Presses, crushers and similar machinery, used in the manufacture of wine, cider, fruit juices or similar beverages; parts thereof:		
8435.10.0000	- - Machinery	No.	
8435.90.0000	- - Parts	No.	
8436	- Other agricultural, horticultural, forestry, poultry-keeping or bee- keeping machinery, including germination plant fitted with brooders; parts thereof:		
8436.10.0000	- - Machinery for preparing animal feeds	No.	
	- - Poultry-keeping machinery; poultry incubators and brooders:		
8436.21.0000	- - - Poultry incubators and brooders	No.	
8436.29.0000	- - - Other	No.	
8436.80	- - Other machinery:		
8436.80.0020	- - - Forestry machinery	No.	
	- - - Other:		
8436.80.0040	- - - - Barn and barnyard machinery (including mechanized hog and cattle feeding and watering equipment)	No.	
8436.80.0060	- - - - Machinery for preparing crops for market or for use	No.	
8436.80.0080	- - - - Other	No.	
	- - Parts:		
8436.91.0000	- - - Of poultry-keeping machinery or poultry incubators and brooders	No.	
8436.99	- - - Other:		
8436.99.0020	- - - - Of forestry machinery	No.	
	- - - - Other:		
8436.99.0040	- - - - - Of barn and barnyard machines (including mechanized hog and cattle feeding and watering equipment)	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8436.99.0060	- - - - Of machines for preparing crops for market or for use (including machines of subheading 8436.10)	No.	
8436.99.0080	- - - - Other	No.	
8437	- Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables, and parts thereof; machinery used in the leguminous vegetables, other than farm type machinery; parts thereof:		
8437.10.0000	- - Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables	No.	
8437.80.0000	- - Other machinery	No.	
8437.90.0000	- - Parts	No.	
8438	- 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: parts thereof:		
8438.10.0000	- - Bakery machinery and machinery for the manufacture of macaroni, spaghetti or similar products	No.	
8438.20.0000	- - Machinery for the manufacture of confectionery, cocoa or chocolate	No.	
8438.30.0000	- - Machinery for sugar manufacture	No.	
8438.40.0000	- - Brewery machinery	No.	
8438.50	- - Machinery for the preparation of meat or poultry:		
8438.50.0010	- - - Meat- and poultry- packing plant machinery	No.	
8438.50.0090	- - - Other	No.	
8438.60.0000	- - Machinery for the preparation of fruits, nuts or vegetables	No.	
8438.80.0000	- - Other machinery	No.	
8438.90.0000	- - Parts	No.	
8439	- Machinery for making pulp of fibrous cellulosic material or for making or finishing paper or paperboard (other than the machinery of heading 8419): parts thereof:		
8439.10	- - Machinery for making pulp of fibrous cellulosic material:		
8439.10.0010	- - - New	No.	
8439.10.0090	- - - Used or rebuilt	No.	
8439.20	- - Machinery for making paper or paperboard:		
8439.20.0010	- - - New	No.	
8439.20.0090	- - - Used or rebuilt	No.	
8439.30.0000	- - Machinery for finishing paper or paperboard	No.	
	- - Parts:		
8439.91.0000	- - - Of machinery for making pulp of fibrous cellulosic material	No.	
8439.99	- - - Other:		
8439.99.1000	- - - - Of machinery for making paper or paperboard	No.	
8439.99.5000	- - - - Of machinery for finishing paper or paperboard	No.	
8440	- Bookbinding machinery, including book-sewing machines, and parts thereof:		
8440.10.0000	- - Machinery	No.	
8440.90.0000	- - Parts	No.	
8441	- Other machinery for making up paper pulp, paper or paperboard, including cutting machines of all kinds, and parts thereof:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8441.10.0000	- - Cutting machines	No.	
8441.20.0000	- - Machines for making bags, sacks or envelopes	No.	
8441.30.0000	- - Machines for making cartons, boxes, cases, tubes, drums or similar containers, other than by molding	No.	
8441.40.0000	- - Machines for molding articles in paper pulp, paper or paperboard	No.	
8441.80.0000	- - Other machinery	No.	
8441.90.0000	- - Parts	No.	
8442	- Machinery, apparatus and equipment (other than the machines of headings 8456 to 8465) 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); parts thereof:		
8442.30	- - Machinery, apparatus and equipment:		
8442.30.0110	- - - Phototypesetting and composing machines	No.	
8442.30.0150	- - - Other machinery, apparatus and equipment	No.	
8442.40.0000	- - Parts of the foregoing machinery, apparatus or equipment	No.	
8442.50	- - Plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished):		
8442.50.5000	- - - Planed, grained, polished or otherwise prepared for engraving or impressing	No.	
8442.50.8000	- - - Other	No.	
8443	- Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442; other printers, copying machines and facsimile machines, whether or not combined: parts and accessories thereof:		
	- - Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442:		
8443.11.0000	- - - Offset printing machinery, reel-fed	No.	
8443.12.0000	- - - 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)	No.	
8443.13.0000	- - - Other offset printing machinery	No.	
8443.14.0000	- - - Letterpress printing machinery, reel fed, excluding flexographic printing	No.	
8443.15.0000	- - - Letterpress printing machinery, other than reel fed, excluding flexographic printing	No.	
8443.16.0000	- - - Flexographic printing machinery	No.	
8443.17.0000	- - - Gravure printing machinery	No.	
8443.19	- - - Other:		
8443.19.2000	- - - - Textile printing machinery	No.	
8443.19.3000	- - - - Other	No.	
	- - Other printers, copying machines and facsimile machines, whether or not combined:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8443.31.0000	- - - 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	No.	
8443.32	- - - Other, capable of connecting to an automatic data processing machine or to a network:		
	---- Printer units:		
	----- Laser:		
8443.32.1010	----- Capable of producing more than 20 pages per minute	No.	
8443.32.1020	----- Other	No.	
8443.32.1030	----- Light bar electronic type	No.	
8443.32.1040	----- Ink jet	No.	
8443.32.1050	----- Thermal transfer	No.	
8443.32.1060	----- Ionographic	No.	
8443.32.1070	----- Daisy wheel	No.	
8443.32.1080	----- Dot matrix	No.	
8443.32.1090	----- Other	No.	
8443.32.5000	----- Other	No.	
8443.39	- - - Other:		
	---- Copying machines:		
	----- Electrostatic photocopying apparatus:		
8443.39.1000	----- Operating by reproducing the original image directly onto the copy (direct process)	No.	
8443.39.2000	----- Operating by reproducing the original image via an intermediate onto the copy (indirect process)	No.	
	----- Other photocopying apparatus:		
8443.39.3000	----- Incorporating an optical system	No.	
8443.39.4000	----- Of the contact type	No.	
8443.39.5000	----- Thermocopying apparatus	No.	
8443.39.6000	----- Other	No.	
8443.39.9000	----- Other	No.	
	-- Parts and accessories:		
8443.91	- - - Parts and accessories of printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442:		
8443.91.1000	---- Machines for uses ancillary to printing	No.	
8443.91.2000	---- Parts for textile printing machinery	No.	
8443.91.3000	---- Other	No.	
8443.99	- - - Other:		
8443.99.1000	---- Accessory and auxiliary machines which are intended for attachment to an electrostatic photocopier and which do not operate independently of such photocopier	No.	
	---- Parts and accessories for the goods of subheading 8443.31 or of printer units of subheading 8443.32.10:		
8443.99.2210	----- Ink cartridges	No.	
8443.99.2250	----- Other	No.	
8443.99.4100	---- Parts and accessories of copying machines	No.	
8443.99.5600	---- Other	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8444	- Machines for extruding, drawing, texturing or cutting man-made textile materials:		
8444.00.0010	- - Texturing machines	No.	
8444.00.0090	- - Other	No.	
8445	- Machines for preparing textile fibers; 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 8446 or 8447:		
	- - Machines for preparing textile fibers:		
8445.11.0000	- - - Carding machines	No.	
8445.12.0000	- - - Combing machines	No.	
8445.13.0000	- - - Drawing or roving machines	No.	
8445.19	- - - Other:		
8445.19.0040	- - - - Cotton gins	No.	
8445.19.0080	- - - - Other	No.	
8445.20.0000	- - Textile spinning machines	No.	
8445.30	- - Textile doubling or twisting machines:		
8445.30.0010	- - - Textile twisting machines	No.	
8445.30.0090	- - - Other	No.	
8445.40.0000	- - Textile winding (including weft winding) or reeling machines	No.	
8445.90.0000	- - Other	No.	
8446	- Weaving machines (looms):		
8446.10	- - For weaving fabrics of a width not exceeding 30 cm:		
8446.10.0010	- - - Power looms	No.	
8446.10.0090	- - - Other	No.	
	- - For weaving fabrics of a width exceeding 30 cm (11.7 in.), shuttle type:		
8446.21.0000	- - - Power looms	No.	
8446.29.0000	- - - Other	No.	
8446.30.0000	- - For weaving fabrics of a width exceeding 30 cm, shuttleless type	No.	
8447	- Knitting machines, stitch-bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting:		
	- - Circular knitting machines:		
8447.11	- - - With cylinder diameter not exceeding 165 mm:		
8447.11.1000	- - - - For knitting hosiery	No.	
8447.11.9000	- - - - Other	No.	
8447.12	- - - With cylinder diameter exceeding 165 mm:		
8447.12.1000	- - - - For knitting hosiery	No.	
8447.12.9000	- - - - Other	No.	
8447.20.0000	- - Flat knitting machines; stitch-bonding machines	No.	
8447.90.0000	- - Other	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8448	- Auxiliary machinery for use with machines of heading 8444, 8445, 8446 or 8447 (for example, dobbies, Jacquards, automatic stop motions and shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading or of heading 8444, 8445, 8446 or 8447 (for example, spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, heald and heald frames, bobbins, needles); -- Auxiliary machinery for machines of heading 8444, 8445, 8446 or 8447:		
8448.11.0000	--- Dobbies and Jacquards; card reducing, copying, punching or assembling machines for use therewith	No.	
8448.19.0000	--- Other	No.	
8448.20	-- Parts and accessories of machines of heading 8444 or of their auxiliary machinery:		
8448.20.1000	--- Of machines for extruding or drawing man-made textile filaments	No.	
	--- Other:		
8448.20.5010	---- Of texturing machines	No.	
8448.20.5090	---- Other	No.	
	-- Parts and accessories of machines of heading 8445 or of their auxiliary machinery:		
8448.31.0000	--- Card clothing	m2	
8448.32	--- Of machines for preparing textile fibers, other than card clothing:		
8448.32.0010	---- Of cotton gins	No.	
8448.32.0090	---- Other	No.	
8448.33.0000	--- Spindles, spindle flyers, spinning rings and ring travellers	No.	
8448.39	--- Other:		
8448.39.1000	---- Parts of spinning, doubling or twisting machines	No.	
8448.39.5000	---- Parts of winding or reeling machines	No.	
8448.39.9000	---- Other	No.	
	-- Parts and accessories of weaving machines (looms) or of their auxiliary machinery:		
8448.42.0000	--- Reeds for looms, healds and heald-frames	No.	
8448.49	--- Other:		
8448.49.1000	---- Shuttles	No.	
8448.49.2000	---- Other	No.	
	-- Parts and accessories of machines of heading 8447 or of their auxiliary machinery:		
8448.51	--- Sinkers, needles and other articles used in forming stitches:		
8448.51.4000	---- Needles for knitting machines	Thsnds	
8448.51.5000	---- Other	No.	
8448.59	--- Other:		
8448.59.1000	---- Parts of knitting machines	No.	
8448.59.5000	---- Other	No.	
8449.00.0000	- 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: parts thereof	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8450	- Household- or laundry-type washing machines, including machines which both wash and dry; parts thereof: -- Machines, each of a dry linen capacity not exceeding 10 kg:		
8450.11	--- Fully automatic machines:		
8450.11.0010	---- Coin operated	No.	
8450.11.0090	---- Other	No.	
8450.12.0000	--- Other machines with built-in centrifugal dryer	No.	
8450.19.0000	--- Other	No.	
8450.20	-- Machines, each of a dry linen capacity exceeding 10 kg:		
8450.20.0010	--- Coin operated	No.	
8450.20.0090	--- Other	No.	
8450.90.0000	-- Parts	No.	
8451	- Machinery (other than machines of heading 8450) 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		
8451.10.0000	-- Dry-cleaning machines -- Drying machines (except centrifugal type of heading 8421):	No.	
8451.21	--- Each of a dry linen capacity not exceeding 10 kg:		
8451.21.0010	---- Coin operated	No.	
8451.21.0090	---- Other	No.	
8451.29	--- Other:		
8451.29.0010	---- For drying made up articles	No.	
8451.29.0090	---- Other	No.	
8451.30.0000	-- Ironing machines and presses (including fusing presses)	No.	
8451.40.0000	-- Washing, bleaching or dyeing machines	No.	
8451.50.0000	-- Machines for reeling, unreeling, folding, cutting or pinking textile fabrics	No.	
8451.80.0000	-- Other machinery	No.	
8451.90	-- Parts:		
8451.90.0010	--- Of machines for washing, dry-cleaning, ironing, pressing or drying made up textile articles or of other household or laundry type machines	No.	
	--- Other:		
8451.90.0020	---- Of machines for bleaching, dyeing, washing or cleaning	No.	
8451.90.0090	---- Other	No.	
8452	- Sewing machines, other than book-sewing machines of heading 8440; furniture, bases and covers specially designed for sewing machines; sewing machine needles: parts thereof:		
8452.10.0000	-- Sewing machines of the household type -- Other sewing machines:	No.	
8452.21.0000	--- Automatic units	No.	
8452.29.0000	--- Other	No.	
8452.30.0000	-- Sewing machine needles	Thsnds	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8452.90	- - Furniture, bases and covers for sewing machines, and parts thereof; other parts of sewing machines:		
8452.90.1000	- - - Furniture, bases and covers for sewing machines, and parts thereof	No.	
	- - - Other parts of sewing machines:		
8452.90.2010	- - - - Of household machines	No.	
8452.90.2090	- - - - Other	No.	
8453	- 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: parts thereof:		
8453.10.0000	- - Machinery for preparing, tanning or working hides, skins or leather	No.	
8453.20.0000	- - Machinery for making or repairing footwear	No.	
8453.80.0000	- - Other machinery	No.	
8453.90.0000	- - Parts	No.	
8454	- Converters, ladles, ingot molds and casting machines, of a kind used in metallurgy or in metal foundries, and parts thereof:		
8454.10.0000	- - Converters	No.	
8454.20	- - Ingot molds and ladles:		
8454.20.0010	- - - Ingot molds for steel ingots	No.	kg
8454.20.0090	- - - Other	kg	
8454.30	- - Casting machines:		
8454.30.0010	- - - Die casting machines	No.	
8454.30.0090	- - - Other	No.	
8454.90	- - Parts:		
	- - - Of casting machines:		
8454.90.0030	- - - - Of die casting machines	No.	
8454.90.0060	- - - - Other	No.	
8454.90.0090	- - - Other	No.	
8455	- Metal-rolling mills and rolls therefor; parts thereof:		
8455.10.0000	- - Tube mills	No.	
	- - Other rolling mills:		
8455.21.0000	- - - Hot or combination hot and cold	No.	
8455.22.0000	- - - Cold	No.	
8455.30	- - Rolls for rolling mills:		
8455.30.0010	- - - Gray iron	kg	
8455.30.0050	- - - Cast steel	kg	
8455.30.0090	- - - Other	kg	
8455.90.0000	- - Other parts	kg	
8456	- 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:		
	- - Operated by laser or other light or photon beam processes:		
8456.11.0000	- - - Operated by laser	No.	
8456.12.0000	- - - Operated by other light or photon beam processes	No.	
8456.20.0000	- - Operated by ultrasonic processes	No.	
8456.30.0000	- - Operated by electro-discharge processes	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8456.40	-- Operated by plasma arc processes:		
8456.40.1000	--- For working metal	No.	
8456.40.9000	--- Other	No.	
8456.50.0000	-- Water-jet cutting machines	No.	
8456.90	-- Other:		
8456.90.3100	--- For working metal	No.	
8456.90.7100	--- Other	No.	
8457	- Machining centers, unit construction machines (single station) and multistation transfer machines, for working metal:		
8457.10	-- Machining centers:		
8457.10.0005	--- Used or rebuilt	No.	
	--- Other:		
	---- With automatic tool changers:		
	----- Vertical-spindle machines with a Y-axis travel of:		
8457.10.0015	----- Not over 660 mm (26 in.)	No.	
8457.10.0025	----- Over 660 mm (26 in.)	No.	
8457.10.0036	----- Horizontal machining centers with ATC	No.	
8457.10.0039	----- Other	No.	
8457.10.0045	---- Other, including indexing turrets and universal indexing heads	No.	
8457.20	-- Unit construction machines (single station):		
8457.20.0010	--- Numerically controlled	No.	
8457.20.0090	--- Other	No.	
8457.30	-- Multistation transfer machines:		
8457.30.0010	--- Numerically controlled	No.	
8457.30.0090	--- Other	No.	
8458	- Lathes (including turning centers) for removing metal:		
	-- Horizontal lathes:		
8458.11	--- Numerically controlled:		
8458.11.0005	---- Used or rebuilt	No.	
	---- Other:		
8458.11.0010	----- Multiple spindle	No.	
	----- Other:		
8458.11.0030	----- With a power rating of less than 18.65 kW (25 hp)	No.	
8458.11.0050	----- With a power rating of 18.65 kW (25 hp) or greater but not exceeding 37.3 kW (50 hp)	No.	
8458.11.0090	----- With a power rating exceeding 37.3 kW (50 hp)	No.	
8458.19	--- Other:		
8458.19.0010	---- Used or rebuilt	No.	
8458.19.0020	---- Other, valued under \$3,025 each	No.	
	---- Other:		
8458.19.0030	----- Engine or toolroom lathes	No.	
	----- Automatic bar and/or chucking machines:		
8458.19.0050	----- Single spindle	No.	
8458.19.0070	----- Multiple spindle	No.	
8458.19.0090	----- Other	No.	
	-- Other lathes (including vertical):		
8458.91	--- Numerically controlled:		
	---- Vertical turret lathes:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8458.91.1040	----- Used or rebuilt	No.	
	----- Other:		
8458.91.1060	----- Multiple spindle	No.	
8458.91.1080	----- Other	No.	
	----- Other:		
8458.91.5040	----- Used or rebuilt	No.	
	----- Other:		
8458.91.5050	----- Multiple spindle	No.	
8458.91.5070	----- Other	No.	
8458.99	--- Other:		
	---- Vertical turret lathes:		
8458.99.1010	----- Used or rebuilt	No.	
8458.99.1050	----- Other	No.	
	----- Other:		
8458.99.5030	----- Used or rebuilt	No.	
8458.99.5060	----- Other, valued under \$3,025 each	No.	
8458.99.5090	----- Other	No.	
8459	- Machine tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, other than lathes (including turning centers) of heading 8458:		
8459.10.0000	- - Way-type unit head machines	No.	
	- - Other drilling machines:		
8459.21	- - - Numerically controlled:		
8459.21.0040	---- Used or rebuilt	No.	
8459.21.0080	---- Other	No.	
8459.29	--- Other:		
8459.29.0010	---- Used or rebuilt	No.	
8459.29.0020	---- Other, valued under \$3,025 each	No.	
	---- Other:		
8459.29.0040	----- Multiple spindle	No.	
	----- Other (including single spindle):		
8459.29.0050	----- Radial	No.	
8459.29.0070	----- Upright, excluding sensitive (hand-directed), turret, and deep-hole machines	No.	
8459.29.0090	----- Other	No.	
	- - Other boring-milling machines:		
8459.31	- - - Numerically controlled:		
8459.31.0005	---- Used or rebuilt	No.	
	---- Other:		
	----- Horizontal spindle:		
8459.31.0010	----- Table type, excluding planer type	No.	
8459.31.0040	----- Other	No.	
8459.31.0070	----- Other	No.	
8459.39	--- Other:		
8459.39.0010	---- Used or rebuilt	No.	
8459.39.0020	---- Other, valued under \$3,025 each	No.	
	---- Other:		
8459.39.0040	----- Horizontal spindle	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8459.39.0050	----- Other	No.	
	-- Other boring machines:		
8459.41	--- Numerically controlled:		
8459.41.0010	---- Used or rebuilt	No.	
8459.41.0020	---- Other, valued under \$3,025 each	No.	
	---- Other:		
8459.41.0030	----- Vertical	No.	
8459.41.0090	----- Other (including horizontal)	No.	
8459.49	--- Other:		
8459.49.0010	---- Used or rebuilt	No.	
8459.49.0020	---- Other, valued under \$3,025 each	No.	
	---- Other:		
8459.49.0030	----- Vertical	No.	
8459.49.0090	----- Other (including horizontal)	No.	
	-- Milling machines, knee type:		
8459.51	--- Numerically controlled:		
8459.51.0040	---- Used or rebuilt	No.	
8459.51.0080	---- Other	No.	
8459.59	--- Other:		
8459.59.0010	---- Used or rebuilt	No.	
8459.59.0020	---- Other, valued under \$3,025 each	No.	
8459.59.0030	---- Other	No.	
	-- Other milling machines:		
8459.61	--- Numerically controlled:		
8459.61.0040	---- Used or rebuilt	No.	
8459.61.0080	---- Other	No.	
8459.69	--- Other:		
8459.69.0010	---- Used or rebuilt	No.	
8459.69.0020	---- Other, valued under \$3,025 each	No.	
	---- Other:		
8459.69.0050	----- Profile, duplicating, or die sinking	No.	
8459.69.0070	----- Bed type	No.	
8459.69.0090	----- Other	No.	
8459.70	-- Other threading or tapping machines:		
8459.70.4000	--- Numerically controlled	No.	
	--- Other:		
8459.70.8040	---- Used or rebuilt	No.	
8459.70.8060	---- Other, valued under \$3,025 each	No.	
8459.70.8080	---- Other	No.	
8460	- 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 8461.		
	-- Flat-surface grinding machines:		
8460.12	--- Numerically controlled:		
8460.12.0040	---- Used or rebuilt	No.	
8460.12.0080	---- Other	No.	
8460.19	--- Other:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8460.19.0105	---- Used or rebuilt	No.	
	---- Other:		
8460.19.0110	----- Reciprocating-table type	No.	
8460.19.0150	----- Other	No.	
	-- Other grinding machines:		
8460.22	--- Centerless grinding machines, numerically controlled:		
8460.22.0040	---- Used or rebuilt	No.	
8460.22.0080	---- Other	No.	
8460.23	--- Other cylindrical grinding machines, numerically controlled:		
8460.23.0040	---- Used or rebuilt	No.	
8460.23.0080	---- Other	No.	
8460.24	--- Other, numerically controlled:		
8460.24.0040	---- Used or rebuilt	No.	
8460.24.0080	---- Other	No.	
8460.29	--- Other:		
8460.29.0105	---- Used or rebuilt	No.	
	---- Other:		
8460.29.0110	----- External cylindrical, including universal	No.	
8460.29.0130	----- Internal cylindrical	No.	
8460.29.0150	----- Other	No.	
	-- Sharpening (tool or cutter grinding) machines:		
8460.31	--- Numerically controlled:		
8460.31.0040	---- Used or rebuilt	No.	
8460.31.0080	---- Other	No.	
8460.39	--- Other:		
8460.39.0010	---- Used or rebuilt	No.	
8460.39.0020	---- Other, valued under \$3,025 each	No.	
8460.39.0050	---- Other	No.	
8460.40	-- Honing or lapping machines:		
8460.40.0010	--- Used or rebuilt	No.	
8460.40.0020	--- Other, valued under \$3,025 each	No.	
	--- Other:		
8460.40.0060	---- Numerically controlled	No.	
8460.40.0080	---- Other	No.	
8460.90	-- Other:		
8460.90.0010	--- Used or rebuilt	No.	
8460.90.0020	--- Other, valued under \$3,025 each	No.	
	--- Other:		
8460.90.0060	---- Numerically controlled	No.	
8460.90.0080	---- Other	No.	
8461	- 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:		
8461.20	-- Shaping or slotting machines:		
8461.20.4000	--- Numerically controlled	No.	
	--- Other:		
8461.20.8030	---- Used or rebuilt	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8461.20.8070	---- Other, valued under \$3,025 each	No.	
8461.20.8090	---- Other	No.	
8461.30	-- Broaching machines:		
8461.30.0020	--- Used or rebuilt	No.	
8461.30.0040	--- Other, valued under \$3,025 each	No.	
	--- Other:		
8461.30.0060	---- Numerically controlled	No.	
8461.30.0080	---- Other	No.	
8461.40	-- Gear cutting, gear grinding or gear finishing machines:		
	--- Gear cutting machines:		
8461.40.1010	---- Used or rebuilt	No.	
	---- Other:		
8461.40.1050	----- Gear hobbers	No.	
8461.40.1070	----- Gear shapers	No.	
8461.40.1090	----- Other	No.	
	--- Gear grinding or finishing machines:		
8461.40.5020	---- Used or rebuilt	No.	
8461.40.5040	---- Other, valued under \$3,025 each	No.	
8461.40.5060	---- Other	No.	
8461.50	-- Sawing or cutting-off machines:		
8461.50.0010	--- Used or rebuilt	No.	
8461.50.0020	--- Other, valued under \$3,025 each	No.	
	--- Other:		
8461.50.0050	---- Numerically controlled	No.	
8461.50.0090	---- Other	No.	
8461.90	-- Other:		
	--- Numerically controlled:		
	---- Planing machines:		
8461.90.3020	----- Used or rebuilt	No.	
8461.90.3040	----- Other	No.	
	---- Other:		
8461.90.3060	----- Used or rebuilt	No.	
8461.90.3080	----- Other	No.	
	--- Other:		
	---- Planing machines:		
8461.90.6010	----- Used or rebuilt	No.	
8461.90.6020	----- Other, valued under \$3,025 each	No.	
8461.90.6030	----- Other	No.	
	---- Other:		
8461.90.6040	----- Used or rebuilt	No.	
8461.90.6050	----- Other, valued under \$3,025 each	No.	
8461.90.6090	----- Other	No.	
8462	- 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:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
	- - Hot forming machines for forging, die forging (including presses) and hot hammers:		
8462.11	--- Closed die forging machines:		
8462.11.0010	---- Used or rebuilt	No.	
8462.11.0050	---- Other	No.	
8462.19	--- Other:		
8462.19.0010	---- Used or rebuilt	No.	
	---- Other:		
8462.19.0030	----- Headers and upsetters, including cold headers	No.	
8462.19.0035	----- Mechanical transfer presses	No.	
8462.19.0055	----- Other	No.	
	- - Bending, folding, straightening or flattening machines (including press brakes) for flat products:		
8462.22	--- Profile forming machines:		
8462.22.0010	---- Used or rebuilt	No.	
8462.22.0060	---- Other	No.	
8462.23	--- Numerically controlled press brakes		
8462.23.0010	---- Used or rebuilt	No.	
8462.23.0060	---- Other	No.	
8462.24	--- Numerically controlled panel benders:		
8462.24.0010	---- Used or rebuilt	No.	
8462.24.0060	---- Other	No.	
8462.25	--- Numerically controlled roll forming machines:		
8462.25.0010	---- Used or rebuilt	No.	
8462.25.0060	---- Other	No.	
8462.26	--- Other numerically controlled bending, folding, straightening or flattening machines:		
8462.26.0010	---- Used or rebuilt	No.	
8462.26.0060	---- Other	No.	
8462.29	--- Other:		
8462.29.0010	---- Used or rebuilt	No.	
8462.29.0020	---- Other, valued under \$3,025 each	No.	
	---- Other:		
8462.29.0030	----- Press brakes	No.	
8462.29.0040	----- Bending rolls	No.	
8462.29.0050	----- Other	No.	
	- - Slitting lines, cut-to-length lines and other shearing machines (excluding presses) for flat products, other than combined punching and shearing machines:		
8462.32	--- Slitting lines and cut-to-length lines:		
	---- Numerically controlled:		
8462.32.1040	----- Used or rebuilt	No.	
8462.32.1080	----- Other	No.	
	---- Other:		
8462.32.5010	----- Used or rebuilt	No.	
8462.32.5060	----- Other	No.	
8462.33	--- Numerically controlled shearing machines:		
8462.33.0040	---- Used or rebuilt	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8462.33.0080	---- Other	No.	
8462.39	--- Other:		
8462.39.0010	---- Used or rebuilt	No.	
8462.39.0020	---- Other, valued under \$3,025 each	No.	
8462.39.0050	---- Other	No.	
	-- Punching, notching or nibbling machines (excluding presses) for flat products including combined punching and shearing machines:		
8462.42	--- Numerically controlled:		
8462.42.0040	---- Used or rebuilt	No.	
8462.42.0080	---- Other	No.	
8462.49	--- Other:		
8462.49.0010	---- Used or rebuilt	No.	
8462.49.0020	---- Other, valued under \$3,025 each	No.	
8462.49.0050	---- Other	No.	
	-- Machines for working tube, pipe, hollow section and bar (excluding presses):		
8462.51	--- Numerically controlled:		
8462.51.0040	---- Used or rebuilt	No.	
8462.51.0080	---- Other	No.	
8462.59	--- Other:		
8462.59.0010	---- Used or rebuilt	No.	
8462.59.0060	---- Other	No.	
	-- Cold metal working presses:		
8462.61	--- Hydraulic presses:		
8462.61.0030	---- Used or rebuilt	No.	
8462.61.0060	---- Other, numerically controlled	No.	
8462.61.0090	---- Other	No.	
8462.62	--- Mechanical presses:		
8462.62.0010	---- Used or rebuilt	No.	
8462.62.0030	---- Other, numerically controlled	No.	
8462.62.0060	---- Other	No.	
8462.63	--- Servo-presses:		
8462.63.0010	---- Used or rebuilt	No.	
8462.63.0030	---- Other, numerically controlled	No.	
8462.63.0060	---- Other	No.	
8462.69	--- Other:		
8462.69.0010	---- Used or rebuilt	No.	
8462.69.0030	---- Other, numerically controlled	No.	
8462.69.0060	---- Other	No.	
8462.90	-- Other:		
8462.90.0010	--- Used or rebuilt	No.	
8462.90.0020	--- Other, valued under \$3,025 each	No.	
	--- Other:		
8462.90.0030	---- Numerically controlled	No.	
8462.90.0060	---- Other	No.	
8463	- Other machine tools for working metal, or cermets, without removing material:		
8463.10	-- Draw-benches for bars, tubes, profiles, wire or the like:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8463.10.0040	- - - Used or rebuilt	No.	
8463.10.0060	- - - Other, valued under \$3,025 each	No.	
8463.10.0080	- - - Other	No.	
8463.20	- - Thread rolling machines:		
8463.20.0040	- - - Used or rebuilt	No.	
8463.20.0060	- - - Other, valued under \$3,025 each	No.	
8463.20.0080	- - - Other	No.	
8463.30	- - Machines for working wire:		
8463.30.0040	- - - Used or rebuilt	No.	
8463.30.0060	- - - Other, valued under \$3,025 each	No.	
8463.30.0080	- - - Other	No.	
8463.90	- - Other:		
8463.90.0040	- - - Used or rebuilt	No.	
8463.90.0060	- - - Other, valued under \$3,025 each	No.	
8463.90.0080	- - - Other	No.	
8464	- Machine tools for working stone, ceramics, concrete, asbestos- cement or like mineral materials or for cold working glass:		
8464.10.0100	- - Sawing machines	No.	
8464.20	- - Grinding or polishing machines:		
8464.20.0110	- - - Glass-working machines	No.	
8464.20.0120	- - - Other	No.	
8464.90	- - Other:		
8464.90.0110	- - - Glass-working machines	No.	
8464.90.0120	- - - Other	No.	
8465	- Machine tools (including machines for nailing, stapling, glueing or otherwise assembling) for working wood, cork, bone, hard rubber, hard plastics or similar hard materials:		
8465.10	- - Machines which can carry out different types of machining operations without tool change between such operations:		
	- - - Woodworking machines:		
	- - - - Used or rebuilt:		
8465.10.0005	- - - - - Tenoners	No.	
8465.10.0015	- - - - - Other	No.	
	- - - - Other:		
	- - - - - Tenoners:		
8465.10.0025	- - - - - Numerically controlled	No.	
8465.10.0035	- - - - - Other	No.	
8465.10.0045	- - - - - Other	No.	
8465.10.0050	- - - Other	No.	
8465.20.0000	- - Machining centers	No.	
	- - Other:		
8465.91	- - - Sawing machines:		
	- - - - Woodworking machines:		
	- - - - - Used or rebuilt:		
8465.91.0002	- - - - - Rip saws	No.	
8465.91.0006	- - - - - Panel saws	No.	
8465.91.0012	- - - - - Band saws	No.	
8465.91.0020	- - - - - Other	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
	----- Other:		
8465.91.0027	----- Sawmill machines	No.	
	----- Other:		
8465.91.0032	----- Radial arm saws	No.	
8465.91.0036	----- Tilting arbor table saws	No.	
8465.91.0041	----- Rip saws	No.	
8465.91.0047	----- Miter saws	No.	
8465.91.0049	----- Scroll saws	No.	
	----- Panel saws:		
8465.91.0053	----- Valued under \$3,000 each	No.	
8465.91.0058	----- Other	No.	
	----- Band saws:		
8465.91.0064	----- Valued under \$1,000 each	No.	
8465.91.0068	----- Other	No.	
8465.91.0076	----- Other	No.	
8465.91.0091	----- Other	No.	
8465.92	--- Planing, milling or molding (by cutting) machines:		
	---- For woodworking:		
8465.92.0010	----- Used or rebuilt	No.	
	----- Other:		
8465.92.0021	----- Dovetailing	No.	
8465.92.0031	----- Moulders	No.	
8465.92.0041	----- Jointers	No.	
8465.92.0061	----- Shapers and profilers	No.	
8465.92.0074	----- Routers	No.	
8465.92.0078	----- Other	No.	
8465.92.0091	----- Other	No.	
8465.93	--- Grinding, sanding or polishing machines:		
	---- For woodworking:		
	----- Used or rebuilt:		
8465.93.0004	----- Belt sanders, for a belt width 60 cm (23.6 in.) or wider	No.	
8465.93.0012	----- Other	No.	
	----- Other:		
8465.93.0027	----- Edge belt sanders	No.	
8465.93.0065	----- Belt sanders, for a belt width 60 cm (23.6 in.) or wider	No.	
8465.93.0075	----- Other	No.	
8465.93.0091	----- Other	No.	
8465.94	--- Bending or assembling machines:		
	---- For woodworking:		
8465.94.0005	----- Used or rebuilt	No.	
	----- Other:		
8465.94.0015	----- Doweling machines	No.	
8465.94.0025	----- Edgebanding machines	No.	
8465.94.0035	----- Laminating machines	No.	
	----- Presses:		
8465.94.0045	----- Cold	No.	
8465.94.0055	----- Other	No.	
8465.94.0065	----- Other	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8465.94.0091	---- Other	No.	
8465.95	--- Drilling or mortising machines:		
	---- For woodworking:		
8465.95.0028	----- Used or rebuilt	No.	
	----- Other:		
8465.95.0038	----- Drilling machines	No.	
8465.95.0065	----- Other	No.	
8465.95.0091	---- Other	No.	
8465.96	--- Splitting, slicing or paring machines:		
	---- For woodworking:		
8465.96.0015	----- Log splitters	No.	
8465.96.0025	----- Chippers	No.	
8465.96.0030	----- Hogs	No.	
8465.96.0040	----- Other	No.	
8465.96.0051	---- Other	No.	
8465.99	--- Other:		
	---- Woodworking machines:		
8465.99.0210	----- Debarkers	No.	
8465.99.0220	----- Lathes	No.	
8465.99.0230	----- Other	No.	
8465.99.0250	---- Other	No.	
8466	- Parts and accessories suitable for use solely or principally with the machines of headings 8456 to 8465, 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:		
8466.10	-- Tool holders and self-opening dieheads:		
8466.10.0110	--- Tool holders for forming-type or cutting-type dies	No.	
8466.10.0130	--- Holders for replaceable cutting or drill inserts	No.	
8466.10.0175	--- Other (including chucks and chuck-holders)	No.	
8466.20	-- Work holders:		
	--- For machine tools used in cutting gears:		
8466.20.1010	---- Jigs and fixtures	No.	
8466.20.1090	---- Other	No.	
	--- Other:		
	---- For metalworking machine tools:		
8466.20.8020	----- Jigs and fixtures	No.	
8466.20.8035	----- Other	No.	
	---- Other work holders:		
8466.20.8040	----- Jigs and fixtures	No.	
8466.20.8065	----- Other	No.	
8466.30	-- Dividing heads and other special attachments for machines:		
8466.30.1000	--- Dividing heads	No.	
	--- Other special attachments:		
	---- Machines:		
8466.30.6040	----- For woodworking machines	No.	
8466.30.6085	----- Other	No.	
8466.30.8000	---- Other	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
	- - Other:		
8466.91.0000	--- For machines of heading 8464	No.	
8466.92	--- For machines of heading 8465:		
8466.92.0020	---- Of woodworking machines	No.	
8466.92.0080	---- Other	No.	
8466.93	--- For machines of heading 8456 to 8461:		
8466.93.3050	---- Of metalworking machine tools for cutting, grinding or finishing gears	No.	
8466.93.9050	---- Other	No.	
8466.94.0002	--- For machines of heading 8462 or 8463	No.	
8467	- Tools for working in the hand, pneumatic, hydraulic or with self- contained electric or nonelectric motor, and parts thereof:		
	- - Pneumatic:		
8467.11	--- Rotary type (including combined rotary-percussion):		
	---- Suitable for metalworking:		
8467.11.1040	----- Grinders, polishers and sanders	No.	
8467.11.1080	----- Other	No.	
	---- Other:		
8467.11.5010	----- Rock drills	No.	
8467.11.5020	----- Other drills, screwdrivers and nut runners	No.	
8467.11.5040	----- Other wrenches	No.	
8467.11.5090	----- Other	No.	
8467.19	--- Other:		
8467.19.1000	---- Suitable for metalworking	No.	
	---- Other:		
8467.19.5030	----- Pneumatic hand-held force feed lubricating equipment	No.	
8467.19.5060	----- Designed for use in construction or mining	No.	
8467.19.5090	----- Other	No.	
	- - With self-contained electric motor:		
8467.21	--- Drills of all kinds:		
	---- Rotary:		
8467.21.0010	----- Battery powered	No.	
	---- Other:		
8467.21.0030	----- With a chuck capacity of less than 12.7 mm (0.5 in.)	No.	
8467.21.0050	----- Other	No.	
8467.21.0070	---- Other, including hammer drills	No.	
8467.22	--- Saws:		
8467.22.0020	---- Circular	No.	
8467.22.0040	---- Chain	No.	
8467.22.0070	---- Reciprocating and jig (including saber)	No.	
8467.22.0090	---- Other	No.	
8467.29	--- Other:		
	---- Grinders, polishers and sanders:		
8467.29.0010	----- Angle grinders, sanders, and polishers	No.	
8467.29.0015	----- Orbital and straight-line sanders	No.	
8467.29.0030	----- Other	No.	
8467.29.0040	---- Screwdrivers, nut-runners and impact wrenches	No.	
8467.29.0055	---- Routers	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8467.29.0065	---- Planers	No.	
8467.29.0070	---- Grass and weed trimmers/edgers	No.	
8467.29.0085	---- Electric scissors	No.	
8467.29.0095	---- Other	No.	
	-- Other tools:		
8467.81.0000	--- Chain saws	No.	
8467.89	--- Other:		
8467.89.1000	---- Suitable for metalworking	No.	
	---- Other:		
8467.89.5030	----- Gasoline powered grass and weed trimmers and brushcutters	No.	
8467.89.5060	----- Other designed for use in agriculture or horticulture	No.	
8467.89.5090	----- Other	No.	
	-- Parts:		
8467.91.0100	--- Of chain saws	No.	
8467.92	--- Of pneumatic tools:		
8467.92.0050	---- Of pneumatic, hand-held force feed lubricating equipment	No.	
8467.92.0090	---- Other	No.	
8467.99	--- Other:		
8467.99.0130	---- Of gasoline powered grass and weed trimmers and brushcutters	No.	
8467.99.0190	---- Other	No.	
8468	- Machinery and apparatus for soldering, brazing or welding, whether or not capable of cutting, other than those of heading 8515; gas-operated surface tempering machines and appliances; parts thereof:		
8468.10.0000	-- Hand-held blow torches	No.	
8468.20	-- Other gas-operated machinery and apparatus:		
8468.20.1000	--- Hand-directed or -controlled	No.	
8468.20.5000	--- Other	No.	
8468.80	-- Other machinery and apparatus:		
8468.80.1000	--- Hand-directed or -controlled	No.	
8468.80.5000	--- Other	No.	
8468.90	-- Parts:		
8468.90.1000	--- Of hand-directed or -controlled machinery and apparatus	No.	
8468.90.5000	--- Other	No.	
8470	- 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:		
8470.10.0000	-- Electronic calculators capable of operation without an external source of electric power and pocket-size data recording, reproducing and displaying machines with calculating functions	No.	
	-- Other electronic calculating machines:		
8470.21.0000	--- Incorporating a printing device	No.	
8470.29.0000	--- Other	No.	
8470.30.0000	-- Other calculating machines	No.	
8470.50	-- Cash registers:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8470.50.0020	- - - Point-of-sale terminals	No.	
8470.50.0060	- - - Other	No.	
8470.90	- - Other:		
8470.90.0110	- - - Postage-franking machines	No.	
8470.90.0190	- - - Other	No.	
8471	- 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:		
8471.30.0100	- - Portable automatic data processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and a display	No.	
	- - Other automatic data processing machines:		
8471.41	- - - Comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined:		
8471.41.0110	- - - - With cathode-ray tube (CRT)	No.	
8471.41.0150	- - - - Other	No.	
8471.49.0000	- - - Other, exported in the form of systems	No.	
8471.50	- - 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 units; storage units, input units, output units:		
8471.50.0110	- - - With cathode-ray tube (CRT)	No.	
8471.50.0150	- - - Other	No.	
8471.60	- - Input or output units, whether or not containing storage units in the same housing:		
	- - - Combined input/output units:		
8471.60.1010	- - - - With cathode-ray tube (CRT)	No.	
8471.60.1050	- - - - Other	No.	
	- - - Other:		
8471.60.2000	- - - - Keyboards	No.	
	- - - - Other:		
8471.60.7000	- - - - - Units suitable for physical incorporation into automatic data processing machines or units thereof	No.	
8471.60.8000	- - - - - Optical scanners and magnetic ink recognition	No.	
	- - - - - Other:		
8471.60.9030	- - - - - Card key and magnetic media entry devices	No.	
8471.60.9050	- - - - - Other	No.	
8471.70	- - Storage units:		
	- - - Magnetic disk drive units:		
	- - - - For a disk of a diameter exceeding 21cm:		
8471.70.1000	- - - - - Without read-write unit assembled therein; read-write units separately entered	No.	
8471.70.2000	- - - - - Units for physical incorporation into automatic data processing machines or units thereof	No.	
8471.70.3000	- - - - - Other	No.	
	- - - - Other:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
	----- Not assembled in cabinets, and without attached external power supply:		
8471.70.4035	----- Flexible (floppy) magnetic disk drive units	No.	
8471.70.4065	----- Hard magnetic disk drive units	No.	
8471.70.4095	----- Other	No.	
	----- Other:		
8471.70.5035	----- Flexible (floppy) magnetic disk drive units	No.	
8471.70.5065	----- Hard magnetic disk drive units	No.	
8471.70.5095	----- Other	No.	
	--- Other storage units:		
8471.70.6000	---- Not assembled in cabinets for placing on a table, desk, wall, floor or similar place	No.	
8471.70.9000	---- Other	No.	
8471.80	-- Other units of automatic data processing machines:		
8471.80.1000	--- Control and adaptor units	No.	
	--- Other:		
8471.80.4000	---- Units suitable for physical incorporation into automatic data processing machines	No.	
8471.80.9000	---- Other	No.	
8471.90.0000	-- Other	No.	
8472	- 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):		
8472.10.0000	-- Duplicating machines	No.	
8472.30.0000	-- 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 canceling postage stamps	No.	
8472.90	-- Other:		
8472.90.0500	--- Addressing machines and address plate embossing machines	No.	
8472.90.1000	--- Automatic teller machines	No.	
8472.90.5000	--- Typewriters other than printers of heading 8443; word processing machines	No.	
8472.90.9002	--- Other	No.	
8473	- Parts and accessories (other than covers, carrying cases and the like) suitable for use solely or principally with machines of headings 8470 to 8472:		
	-- Parts and accessories of the machines of heading 8470:		
8473.21.0000	--- Of the electronic calculating machines of subheading 8470.10, 8470.21 or 8470.29	kg	
8473.29.0000	--- Other	kg	
8473.30.0002	-- Parts and accessories of the machines of heading 8471	No.	
8473.40	-- Parts and accessories of the machines of heading 8472:		
8473.40.0020	--- Parts of word processing machines	kg	
8473.40.0095	--- Other	kg	
8473.50.0000	-- Parts and accessories equally suitable for use with machines of two or more of the headings 8470 to 8472	kg	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8474	- Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral for agglomerating, shaping or molding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry molds of sand; parts thereof:		
8474.10	-- Sorting, screening, separating or washing machines:		
8474.10.0010	--- Portable	No.	
8474.10.0090	--- Stationary	No.	
8474.20	-- Crushing or grinding machines:		
8474.20.0010	--- Portable	No.	
	--- Stationary:		
8474.20.0050	---- Crushing	No.	
8474.20.0070	---- Other (grinding)	No.	
	-- Mixing or kneading machines:		
8474.31.0000	--- Concrete or mortar mixers	No.	
8474.32.0000	--- Machines for mixing mineral substances with bitumen	No.	
8474.39.0000	--- Other	No.	
8474.80	-- Other machinery:		
8474.80.0010	--- Designed for use with ceramic paste, unhardened cements and plastering materials	No.	
8474.80.0020	--- Machines for forming foundry molds of sand	No.	
8474.80.0090	--- Other	No.	
8474.90	-- Parts:		
8474.90.0010	--- Of sorting, screening, separating or washing machines	No.	
8474.90.0020	--- Of crushing or grinding machines	No.	
8474.90.0050	--- Of mixing or kneading machines	No.	
8474.90.0090	--- Other	No.	
8475	- Machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware: parts thereof:		
8475.10.0000	-- Machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes	No.	
	-- Machines for manufacturing or hot-working glass or glassware:		
8475.21.0000	--- Machines for making optical fibers and preforms thereof	No.	
8475.29.0000	--- Other	No.	
8475.90	-- Parts:		
8475.90.1000	--- Of machines for assembling electric or electronic lamps, tubes or flashbulbs, in glass envelopes	No.	
8475.90.9000	--- Other	No.	
8476	- Automatic goods-vending machines (for example, postage stamp, cigarette, food or beverage machines), including money-changing machines: parts thereof:		
	-- Automatic beverage vending machines:		
8476.21.0000	--- Incorporating heating or refrigerating devices	No.	
8476.29.0000	--- Other	No.	
	-- Other machines:		
8476.81.0000	--- Incorporating heating or refrigerating devices	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8476.89.0000	- - - Other	No.	
8476.90.0000	- - Parts	No.	
8477	- Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this chapter: parts thereof:		
8477.10	- - Injection-molding machines:		
8477.10.9015	--- Of a type used for processing rubber or other thermo-setting materials	No.	
8477.10.9025	--- Of a type used for processing thermoplastics	No.	
8477.20	- - Extruders:		
	--- Of a type used for processing rubber or other thermo-setting materials:		
8477.20.0005	---- Single screw	No.	
8477.20.0015	---- Other, including multiple screw	No.	
	--- Of a type used for processing thermoplastics:		
8477.20.0030	---- Single screw	No.	
8477.20.0060	---- Other, including multiple screw	No.	
8477.30.0000	- - Blow-molding machines	No.	
8477.40.0100	- - Vacuum-molding machines and other thermoforming machines	No.	
	- - Other machinery for molding or otherwise forming:		
8477.51	--- For molding or retreading pneumatic tires or for molding or otherwise forming inner tubes:		
8477.51.0010	---- For molding or retreading pneumatic tires	No.	
8477.51.0090	---- Other	No.	
8477.59.0100	- - Other	No.	
8477.80.0100	- - Other machinery	No.	
8477.90	- - Parts:		
8477.90.0010	--- Of injection-molding machines	No.	
8477.90.0020	--- Of extruders	No.	
8477.90.0030	--- Of blow-molding machines	No.	
8477.90.0040	--- Of machines for forming pneumatic tires	No.	
8477.90.0096	--- Other parts	No.	
8478	- Machinery for preparing or making up tobacco, not specified or included elsewhere in this chapter; parts thereof:		
8478.10	- - Machinery:		
8478.10.0010	--- Industrial cigarette-making machines	No.	
8478.10.0090	--- Other	No.	
8478.90.0000	- - Parts	No.	
8479	- Machines and mechanical appliances having individual functions, not specified or included elsewhere in this chapter; parts thereof:		
8479.10	- - Machinery for public works, building or the like:		
	--- Concrete and bituminous pavers, finishers and spreaders:		
8479.10.0040	---- For concrete	No.	
8479.10.0060	---- For bituminous material	No.	
8479.10.0080	--- Other	No.	
8479.20.0000	- - Machinery for the extraction or preparation of animal or fixed vegetable or microbial fats or oils	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8479.30.0000	- - Presses for the manufacture of particle board or fiber building board of wood or other ligneous materials and other machinery for treating wood or cork	No.	
8479.40.0000	- - Rope or cable-making machines	No.	
8479.50.0000	- - Industrial robots, n.e.s.o.i	No.	
8479.60.0000	- - Evaporative air coolers	No.	
	- - Passenger boarding bridges:		
8479.71.0000	--- Of a kind used in airports	No.	
8479.79.0000	--- Other	No.	
	- - Other machines and mechanical appliances:		
8479.81.0000	--- For treating metal, including electric wire coil-winders	No.	
8479.82	--- Mixing, kneading, crushing, grinding, screening, sifting, homogenizing, emulsifying or stirring machines:		
8479.82.0040	---- Mixing, kneading or stirring machines	No.	
8479.82.0080	---- Other	No.	
8479.83.0000	--- Cold isostatic presses	No.	
8479.89	--- Other:		
	---- Electromechanical appliances with self-contained electric motor:		
8479.89.1000	----- Air humidifiers or dehumidifiers	No.	
8479.89.2000	----- Floor polishers	No.	
8479.89.5500	----- Trash compactors	No.	
8479.89.6500	----- Other	No.	
8479.89.7000	---- Carpet sweepers	No.	
	---- Other:		
8479.89.9850	----- Oil and gas field wire line and downhole equipment	No.	
8479.89.9860	----- Automotive maintenance machines	No.	
8479.89.9865	----- Hydraulic accumulators	No.	
8479.89.9885	----- Ultrasonic cleaning devices	No.	
8479.89.9895	----- Industrial vibrators	No.	
8479.89.9900	----- Other	No.	
8479.90	- - Parts:		
8479.90.9640	--- Of industrial robots	No.	
	--- Other:		
8479.90.9650	---- Of machinery for public works, building or the like	No.	
8479.90.9660	---- Of presses for the manufacture of particle board or fiber building board of wood or other ligneous materials and other machinery for treating wood or cork	No.	
8479.90.9665	---- Of machines or mechanical appliances for treating metal	No.	
8479.90.9698	---- Other	No.	
8480	- Molding boxes for metal foundry; mold bases; molding patterns; molds for metal (other than ingot molds), metal carbides, glass, mineral materials, rubber or plastics:		
8480.10.0000	- - Molding boxes for metal foundry	No.	
8480.20.0000	- - Mold bases	No.	
8480.30.0000	- - Molding patterns	No.	
	- - Molds for metal or metal carbides:		
8480.41.0000	- - - Injection or compression types	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8480.49.0000	- - - Other types	No.	
8480.50.0000	- - Molds for glass	No.	
8480.60.0000	- - Molds for mineral materials	No.	
	- - Molds for rubber or plastics:		
8480.71	- - - Injection or compression types:		
8480.71.1000	- - - - For shoe machinery	No.	
8480.71.4000	- - - - For the manufacture of semiconductor devices	No.	
	- - - - Other:		
8480.71.8045	- - - - - Injection type	No.	
8480.71.8060	- - - - - Compression type	No.	
8480.79.0000	- - - Other types	No.	
8481	- Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves: parts thereof:		
8481.10	- - Pressure-reducing valves:		
8481.10.0020	- - - Hydraulic fluid power type	No.	
	- - - Pneumatic fluid power type:		
8481.10.0040	- - - - Filter-regulators and filter-regulator-lubricators	No.	
8481.10.0060	- - - - Other	No.	
8481.10.0090	- - - Other	No.	
8481.20	- - Valves for oleohydraulic or pneumatic transmissions:		
	- - - Hydraulic valves:		
	- - - - Directional control:		
8481.20.0010	- - - - - Manual type	No.	
8481.20.0020	- - - - - Solenoid type	No.	
8481.20.0030	- - - - - Other	No.	
8481.20.0040	- - - - Flow control type	No.	
8481.20.0050	- - - - Other	No.	
	- - - Pneumatic valves:		
	- - - - Directional control		
8481.20.0060	- - - - - Solenoid type	No.	
8481.20.0070	- - - - - Other	No.	
8481.20.0080	- - - - Other	No.	
8481.30	- - Check (nonreturn) valves:		
	- - - Of copper:		
8481.30.1010	- - - - Having a pressure rating under 850 kPa (123 lbs. pressure)	No.	kg
8481.30.1090	- - - - Having a pressure rating of 850 kPa (123 lbs. pressure) or over	No.	kg
	- - - Of iron or steel:		
8481.30.2010	- - - - Of iron	No.	kg
8481.30.2090	- - - - Of steel	No.	kg
8481.30.9000	- - - Other	No.	kg
8481.40.0000	- - Safety or relief valves	No.	kg
8481.80	- - Other appliances:		
	- - - Hand operated:		
	- - - - Of copper:		
8481.80.1010	- - - - - Having a pressure rating under 850 kPa (123 lbs. pressure)	No.	kg
	- - - - - Having a pressure rating of 850 kPa (123 lbs. pressure) or over:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8481.80.1060	----- Gate type	No.	kg
8481.80.1070	----- Globe type	No.	kg
8481.80.1075	----- Plug type	No.	kg
8481.80.1085	----- Ball type	No.	kg
8481.80.1090	----- Butterfly type	No.	kg
8481.80.1095	----- Other	No.	kg
	---- Of iron or steel:		
	----- Of iron:		
8481.80.3010	----- Gate type	No.	kg
8481.80.3015	----- Globe type	No.	kg
8481.80.3020	----- Plug type	No.	kg
8481.80.3025	----- Ball type	No.	kg
8481.80.3030	----- Butterfly type	No.	kg
8481.80.3040	----- Other	No.	kg
	----- Of steel:		
8481.80.3055	----- Gate type	No.	kg
8481.80.3060	----- Globe type	No.	kg
8481.80.3065	----- Plug type	No.	kg
8481.80.3070	----- Ball type	No.	kg
8481.80.3075	----- Butterfly type	No.	kg
8481.80.3090	----- Other	No.	kg
	---- Of other materials:		
8481.80.5040	----- Pressure spray can valves (lids)	No.	kg
8481.80.5060	----- Bath, shower, sink and lavatory faucets	No.	kg
8481.80.5090	----- Other	No.	kg
	--- Other:		
8481.80.9005	---- Solenoid valves	No.	
8481.80.9010	---- Ballcock mechanisms	No.	
8481.80.9015	---- Regulator valves, self-operating, for controlling variables such as temperature, pressure, flow and liquid level	No.	
	---- Other:		
	----- With electrical or electro-hydraulic actuators:		
8481.80.9020	----- Control valves designed for proportional operation by a signal from a control device	No.	
8481.80.9025	----- Other	No.	
8481.80.9030	----- With hydraulic actuators	No.	
	----- With pneumatic actuators:		
8481.80.9035	----- Control valves designed for proportional operation by a signal from a control device	No.	
8481.80.9040	----- Other	No.	
8481.80.9045	----- With thermostatic actuators	No.	
8481.80.9050	----- Other	No.	
8481.90	-- Parts:		
8481.90.7000	--- Of hand operated and check appliances	kg	
	--- Other:		
8481.90.9010	---- Of valves of subheading 8481.20	kg	
8481.90.9090	---- Other	kg	
8482	- Ball or roller bearings, and parts thereof:		

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8482.10	-- Ball bearings:		
8482.10.1000	--- Ball bearings with integral shafts	No.	
	--- Other:		
8482.10.5004	---- Unground bearings	No.	
	---- Other:		
8482.10.5008	----- Thrust bearings	No.	
8482.10.5012	----- Linear bearings	No.	
	----- Angular contact bearings:		
	----- Wheel hub bearing units:		
8482.10.5016	----- Flanged	No.	
8482.10.5024	----- Other	No.	
8482.10.5028	----- Other	No.	
	----- Radial bearings:		
	----- Single row bearings:		
8482.10.5032	----- Maximum or full capacity type	No.	
	----- Other bearings, having an outside diameter of:		
8482.10.5036	----- Under 9 mm	No.	
8482.10.5044	----- 9 mm and over but not over 30 mm	No.	
8482.10.5048	----- Over 30 mm but not over 52 mm	No.	
8482.10.5052	----- Over 52 mm but not over 100 mm	No.	
8482.10.5056	----- Over 100 mm	No.	
8482.10.5060	----- Double row bearings	No.	
8482.10.5064	----- Other	No.	
8482.10.5068	----- Other	No.	
8482.20	-- Tapered roller bearings, including cone and tapered roller assemblies:		
	--- Cup and cone assemblies entered as a set:		
	---- Wheel hub units:		
8482.20.0020	----- Flanged	No.	
8482.20.0030	----- Other	No.	
	---- Other:		
8482.20.0040	----- With cups having an outside diameter not exceeding 102 mm	No.	
8482.20.0060	----- Other	No.	
	--- Cone assemblies entered separately:		
8482.20.0070	---- For cups having an outside diameter not exceeding 102 mm	No.	
8482.20.0080	---- Other	No.	
8482.30	-- Spherical roller bearings:		
8482.30.0040	--- Single row	No.	
8482.30.0080	--- Other	No.	
8482.40.0000	-- Needle roller bearings, including cage and needle roller assemblies	No.	
8482.50.0000	-- Other cylindrical roller bearings, including cage and roller assemblies	No.	
8482.80	-- Other, including combined ball/roller bearings:		
8482.80.0020	--- Combined ball and spherical roller bearings	No.	
8482.80.0040	--- Combined ball and needle roller bearings	No.	
8482.80.0060	--- Combined ball and other cylindrical roller bearings	No.	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8482.80.0080	- - - Other	No.	
	- - Parts:		
8482.91	- - - Balls, needles and rollers:		
	---- Balls:		
8482.91.0010	----- Of alloy steel	kg	
8482.91.0020	----- Other	kg	
8482.91.0040	---- Needles	kg	
8482.91.0050	---- Tapered rollers	kg	
8482.91.0070	---- Spherical rollers	kg	
8482.91.0080	---- Other cylindrical rollers	kg	
8482.91.0090	---- Other	kg	
8482.99	- - - Other:		
	---- Parts of ball bearings (including parts of ball bearing with integral shafts):		
8482.99.1010	----- Inner and outer races	No.	
8482.99.1050	----- Other	kg	
	---- Parts of tapered roller bearings:		
8482.99.3010	----- Cups exported separately	No.	
8482.99.3050	----- Other	kg	
8482.99.5000	---- Parts of spherical roller bearings	kg	
	---- Parts of other roller bearings or combined ball/roller bearings:		
8482.99.7030	----- Of needle bearings	kg	
8482.99.7060	----- Of other cylindrical roller bearings	kg	
8482.99.7090	----- Other	kg	
8483	- Transmission shafts (including camshafts and crankshafts) and cranks; bearing housings, housed bearings 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 couplings (including universal joints); parts thereof:		
8483.10	- - Transmission shafts (including camshafts and crankshafts) and cranks:		
	--- Camshafts and crankshafts:		
	---- Designed for use solely or principally with spark- ignition internal combustion piston engines or rotary engines:		
8483.10.1020	----- For vehicles of chapter 87	kg	
8483.10.1050	----- Other	No.	kg
	---- Other:		
8483.10.3010	----- For vehicles of chapter 87	No.	kg
8483.10.3050	----- Other	No.	kg
8483.10.5000	- - - Other transmission shafts and cranks	kg	
8483.20	- - Housed bearings, incorporating ball or roller bearings:		
8483.20.0010	- - - Incorporating ball bearings	No.	
8483.20.0050	- - - Incorporating roller bearings	No.	
8483.30	- - Bearing housings; plain shaft bearings:		
	- - - Bearing housings:		
8483.30.5020	- - - Ball or roller bearing type	kg	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8483.30.5040	---- Other	kg	
	--- Plain shaft bearings:		
	---- With housing:		
8483.30.8055	----- Rod end bearings	No.	kg
8483.30.8065	----- Other	No.	kg
	---- Without housing:		
8483.30.8070	----- Spherical	No.	kg
8483.30.8090	----- Other	No.	kg
8483.40	-- Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements exported separately; ball or roller screws; gear boxes and other speed changers, including torque converters:		
8483.40.1000	--- Torque converters	No.	
	--- Gear boxes and other speed changers:		
	---- Fixed ratio speed changers, multiple and variable ratio speed changers each ratio of which is selected by manual manipulation:		
8483.40.4010	----- Fixed ratio speed changers	No.	
8483.40.4050	----- Other	No.	
8483.40.7000	---- Other speed changers	No.	
8483.40.8000	--- Ball or roller screws	No.	
8483.40.9000	--- Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements exported separately	No.	
8483.50	-- Flywheels and pulleys, including pulley blocks:		
8483.50.8030	--- Grooved pulleys	No.	
8483.50.8080	--- Other	No.	
8483.60	-- Clutches and shaft couplings (including universal joints):		
8483.60.4000	--- Clutches and universal joints	No.	
8483.60.8000	--- Other	No.	
8483.90	-- Toothed wheels, chain sprockets, and other transmission elements presented separately; parts:		
8483.90.1000	--- Chain sprockets and parts thereof	kg	
8483.90.5000	--- Parts of gearing, gear boxes and other speed changers	kg	
	--- Other:		
8483.90.8010	---- Parts of the articles of subheading 8483.60.80	kg	
8483.90.9500	---- Other	kg	
8484	- Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal; sets or assortments of up in pouches. envelopes or similar packings: mechanical seals:		
8484.10.0000	-- Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal	No.	
8484.20.0000	-- Mechanical seals	No.	
8484.90.0000	-- Other	No.	
8485	- Machines for additive manufacturing:		
8485.10.0100	-- By metal deposit	No.	
8485.20.0000	-- By plastics or rubber deposit	No.	
8485.30.0000	-- By plaster, cement, ceramics or glass deposit	No.	
8485.80.0000	-- Other	No.	
8485.90.0100	-- Parts	kg	

Schedule B No. and Headings	Commodity Description	Unit of Quantity	Second Quantity
8486	- Machines and apparatus of a kind used solely or principally for the manufacture of semiconductor boules or wafers, semi-conductor devices, electronic integrated circuits or flat panel displays; machines and apparatus specified in note 11 (C) to this chapter; parts and accessories		
8486.10.0000	-- Machines and apparatus for the manufacture of boules or wafers	No.	
8486.20.0000	-- Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits	No.	
8486.30.0000	-- Machines and apparatus for the manufacture of flat panel displays	No.	
8486.40	-- Machines and apparatus specified in note 11 (C) to this chapter:		
8486.40.0010	--- For the manufacture or repair of masks and reticles	No.	
8486.40.0020	--- For assembling semiconductor devices or electronic integrated circuits	No.	
8486.40.0030	--- For lifting, handling, loading or unloading of boules, wafers, semiconductor devices, electronic integrated circuits and flat panel displays	No.	
8486.90.0000	-- Parts and accessories	No.	
8487	- Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features, and not specified or included elsewhere in this chapter:		
8487.10.0000	-- Ships' or boats' propellers and blades therefor	No.	
8487.90	-- Other:		
8487.90.0040	--- Oil seals, other than those of chapter 40	No.	
8487.90.0080	--- Other	No.	