

# ITC(HS), 2022

## Schedule 2 Export Policy

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

Main Notes			
Sl.No.	Notes	Notification No.	Notification Date
1	<p>This Section does not cover : (a) transmission or conveyor belts or belting, of plastics of Chapter 39, or of vulcanised rubber (heading 4010), or other articles of a kind used in machinery or mechanical or electrical appliances or for other technical uses, of vulcanised rubber other than hard rubber (heading 4016); (b) articles of leather or of composition leather (heading 4205) or of furskin (heading 4303), of a kind used in machinery or mechanical appliances or for other technical uses; (c) bobbins, spools, cops, cones, cores, reels or similar supports, of any material (for example, Chapter 39, 40, 44 or 48 or Section XV); (d) perforated cards for Jacquard or similar machines (for example, Chapter 39 or 48 or Section XV); (e) transmission or conveyor belts or belting of textile material ( heading 5910) or other articles of textile material for technical uses(heading 5911); (f) precious or semi-precious stones (natural, synthetic or reconstructed) of headings 7102 to 7104, or articleswhollyofsuch stones of heading 7116 except unmountedworked sapphires and diamonds forstyli (heading 8522); (g) parts of general use, as defined in Note 2 to Section XV, of base metal (Section XV), or similar goods of plastics (Chapter 39); (h) drill pipe (heading 7304); (ij) endless belts of metal wire or strip (Section XV); (k) articles of Chapter 82 or 83; (l) articles of Section XVII; (m) articles of Chapter 90; (n) clocks, watches or other articles of Chapter 91; (o) interchangeable tools of heading 8207 or brushes of a kind used as parts of machines (heading 9603); similar interchangeable tools are to be classified according to the constituent material of their working part (for example, in Chapter 40, 42, 43, 45 or 59 or heading 6804 or 6909); (p) articles of Chapter 95; or (q) typewriter or similar ribbons, whether or not onspools or in cartridges (classified according to their constituent material, or in heading 9612 if inked or otherwise prepared for giving impressions), or monopods, bipods, tripods and similar articles, of heading 9620.</p>		

2	<p>Subject to Note 1 to this Section, Note 1 to Chapter 84 and to Note 1 to Chapter 85, parts of machines (not being parts of the articles of heading 8484, 8544, 8545, 8546 or 8547) are to be classified according to the following rules: (a) parts which are goods included in any of the headings of Chapter 84 or 85 (other than headings 8409, 8431, 8448, 8466, 8473, 8487, 8503, 8522, 8529, 8538 and 8548) are in all cases to be classified in their respective headings; (b) other parts, if suitable for use solely or principally with a particular kind of machine, or with a number of machines of the same heading (including a machine of heading 8479 or 8543) are to be classified with the machines of that kind or in heading 8409, 8431, 8448, 8466, 8473, 8503, 8522, 8529 or 8538 as appropriate. However, parts which are equally suitable for use principally with the goods of headings 8517 and 8525 to 8528 are to be classified in heading 8517, and parts which are suitable for use solely or principally with the goods of heading 8524 are to be classified in heading 8529; (c) all other parts are to be classified in heading 8409, 8431, 8448, 8466, 8473, 8503, 8522, 8529 or 8538 as appropriate or, failing that, in heading 8487 or 8548.</p>		
3	<p>Unless the context otherwise requires, composite machines consisting of two or more machines fitted together to form a whole and other machines designed for the purpose of performing two or more complementary or alternative functions are to be classified as if consisting only of that component or as being that machine which performs the principal function.</p>		
4	<p>Where a machine (including a combination of machines) consists of individual components (whether separate or interconnected by piping, by transmission devices, by electric cables or by other devices) intended to contribute together to a clearly defined function covered by one of the headings in Chapter 84 or Chapter 85, then the whole falls to be classified in the heading appropriate to that function.</p>		
5	<p>For the purposes of these Notes, the expression "machine" means any machine, machinery, plant, equipment, apparatus or appliance cited in the headings of Chapter 84 or 85.</p>		
6	<p>(a) Throughout the Nomenclature, the expression "electrical and electronic waste and scrap" means electrical and electronic assemblies, printed circuit boards and electrical or electronic articles that: (i) have been rendered unusable for their original purposes by breakage, cutting-up or other processes or are economically unsuitable for repair, refurbishment or renovation to render them fit for their original purposes; and (ii) are packaged or shipped in a manner not intended to protect individual articles from damage during transportation, loading and unloading operations; (b) mixed consignments of "electrical and electronic waste and scrap" and other waste and scrap are to be classified in heading 8549; (c) this Section does not cover municipal waste as defined in Note 4 to Chapter 38.</p>		

## Chapter 84 Nuclear Reactors, Boilers, Machinery And Mechanical Appliances; Parts Thereof.

Main Notes			
Sl.No.	Notes	Notification Date	Notification No
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) electro-mechanical 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 motorised (Heading 9603).		
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 Nomenclature.		
11	(A) Notes 12 (a) and 12 (b) to Chapter 85 also apply with respect to the expressions ""semiconductor devices"" and ""electronic integrated circuits"", respectively, as used in this Note and in heading 8486. However, for the purposes of this Note and of heading 8486, the expression ""semiconductor devices"" also covers photosensitive semiconductor devices and lightemitting diodes (LED). (B) For the purposes of this Note and 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 this schedule.		
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 isto 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 froma magazine orthe like in conformity with a machining programme (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 the purposes of heading 8471, the expression ""automatic data processing machine"" means machine capable of : (i) storing the processing programme or programmes and at least the data immediately necessary for the execution of the programme; (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 programme 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), a unit is to be regarded as being part of an automatic dataprocessing 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 co-ordinate input devices and disk storage units which satisfy the conditions of (ii) and (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 paragraph (C): (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) Machinesincorporating 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 per cent. or by more than 0.05 mm, whichever is less. Other steel balls are to be classified in 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 machinesfor making rope or cable (for example,stranding, twisting or cabling machines) frommetal 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.		
<b>Sub-Heading Notes</b>			

Sl.No.	Notes	Notification Date	Notification No
1	For the purposes of sub-heading 8465 20, the term "machining centres" applies only to machine tools for working wood, cork, bone, hard rubber, hard plastics or similar hard materials, which can carry out different types of machining operations by automatic tool change from a magazine or the like in conformity with a machining programme.		
2	For the purposes of sub-heading 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 sub-heading 8481 20, the expression "'valves for oleohydraulic or pneumatic transmissions'" means valves which are used specifically in the transmission of "'fluid power'" in a hydraulic or pneumatic system, where the energy source is supplied in the form of pressurised fluids (liquid or gas). These valves may be of any type (for example, pressure-reducing type, check type). Sub-heading 8481 20 takes precedence over all other sub-headings of heading 8481.		
4	Sub-heading 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.		

#### Policy Condition

Sl.No.	Notes	Notification Date	Notification No
1	Vintage motor cars and vintage motor cycles including their parts and components are 'Restricted' for Export. i. Export of Vintage motor cars, parts and components thereof manufactured prior to 01.01.1950 is permitted only against a Restricted Export Authorisation. ii. Export of Vintage motorcycles, parts and components thereof manufactured prior to 01.01.1940 is permitted only against a Restricted Export Authorisation.		
2	Export authorization from Department of Atomic Energy would be required for export of items in		

	Category-0(Nuclear materials, nuclear-related other materials, equipment and technology) of SCOMET.		
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Product Description and Export Policy					
Itc(hs) Code.	Description	Export Policy	Policy Condition		
8401	Nuclear reactors; fuel elements (cartridges), non-irradiated, for nuclear reactors; machinery and apparatus for isotopic separation.				
84011000	Nuclear reactors	Free	Subject to Policy Condition 2 of the chapter.		
84012000	Machinery and apparatus for isotopic separation, and parts thereof	Free	Subject to Policy Condition 2 of the chapter.		
84013000	Fuel elements (cartridges), non-irradiated	Free	Subject to Policy Condition 2 of the chapter.		
84014000	Parts of nuclear reactors	Free	Subject to Policy Condition 2 of the chapter.		
8402	Steam or other vapour generating boilers (other than central heating hot water boilers capable also of producing low pressure steam); super-heated water boilers.				
84021100	Steam or other vapour generating boilers : -- Watertube boilers with a steam production exceeding 45 t per hour	Free			
84021200	Steam or other vapour generating boilers : -- Watertube boilers with a steam production not	Free			



	exceeding 45 t per hour				
840219	Steam or other vapour generating boilers : -- Other vapour generating boilers, including hybrid boilers				
84021910	Fire tube horizontal (lancashire) boilers	Free			
84021920	Fire tube boilers vertical	Free			
84021990	Other	Free			
84022000	Super-heated water boilers	Free			
840290	Parts				
84029010	Parts of fire tube boilers	Free			
84029020	Parts of water tube boilers	Free			
84029090	Other	Free			
8403	Central heating boilers other than those of heading 84.02.				
84031000	Boilers	Free			
84039000	Parts	Free			
8404	Auxiliary plant for use with boilers of heading 84.02 or 84.03 (for example, economisers, super-heaters, soot removers, gas recoverers); condensers for steam or other vapour power units.				
84041000	Auxiliary plants for use with boilers of heading 8402 or 8403	Free			

84042000	Condensers for steam or other vapour power units	Free			
840490	Parts				
84049000	Parts	Free			
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.				
840510	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				
84051010	Producer gas or water gas generators	Free			
84051020	Acetylene gas generators	Free			
84051090	Other	Free			
84059000	Parts	Free			
8406	Steam turbines and other vapour turbines.				
84061000	Turbines for marine propulsion	Free			
84068100	Other turbines : -- Of an output exceeding 40 MW	Free			
84068200	Other turbines : -- Of an output not exceeding 40 MW	Free			
840690	Other turbines :- Parts				

84069000	Other turbines : - Parts	Free			
8407	Spark-ignition reciprocating or rotary internal combustion piston engines.				
84071000	Aircraft engines	Free			
84072100	Marine propulsion engines -- Outboard motors	Free			
84072900	Marine propulsion engines -- other	Free			
840731	Reciprocating piston engines of a kind used for the propulsion of vehicles of Chapter 87 : -- Of a cylinder capacity not exceeding 50 cc				
84073110	For motor cycles	Free	Subject to Policy Condition 1 of the chapter.		
84073190	Other	Free			
840732	Reciprocating piston engines of a kind used for the propulsion of vehicles of Chapter 87 : -- Of a cylinder capacity exceeding 50 cc but not exceeding 250 cc				
84073210	For motor cycles	Free	Subject to Policy Condition 1 of the chapter.		
84073290	Other	Free			
840733	Reciprocating piston engines of a kind used for the propulsion of vehicles of Chapter 87 : -- Of a cylinder capacity exceeding 250 cc but not exceeding 1,000 cc				

84073310	For motor cars	Free	Subject to Policy Condition 1 of the chapter.		
84073320	For motor cycles	Free	Subject to Policy Condition 1 of the chapter.		
84073390	Other	Free			
840734	Reciprocating piston engines of a kind used for the propulsion of vehicles of Chapter 87 : -- Of a cylinder capacity exceeding 1,000 cc				
84073410	For motor cars	Free	Subject to Policy Condition 1 of the chapter.		
84073490	Other	Free			
840790	Other engines				
84079010	Petrol engines	Free			
84079020	Kerosene engines	Free			
84079090	Other	Free			
8408	Compression-ignition internal combustion piston engines (diesel or semi-diesel engines).				
840810	Marine propulsion engines				
84081010	Outboard engines	Free			
84081091	Other: ----Of a cylinder capacity not exceeding 100 cc	Free			

84081092	Other: ----Of a cylinder capacity exceeding 100 cc but not exceeding 250 cc	Free			
84081093	Other: ----Of a cylinder capacity exceeding 250 cc	Free			
840820	Engines of a kind used for the propulsion of vehicles of Chapter 87				
84082010	Of cylinder capacity not exceeding 250 cc	Free			
84082020	Engines of cylinder capacity exceeding 250 cc	Free			
840890	Other engines				
84089010	Stationary engines of cylinder capacity exceeding 50 cc	Free			
84089090	Other	Free			
8409	Parts suitable for use solely or principally with the engines of				
84091000	For aircraft engines	Free			
840991	Other : -- Suitable for use solely or principally with spark-ignition internal combustion piston engines				
84099111	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Valve, inlet and exhaust	Free			
84099112	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Pistons	Free			
84099113	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Piston rings	Free			

84099114	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Piston assemblies	Free			
84099120	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Fuel injection equipment excluding injection pumps other	Free			
84099191	Other: ----Of petrol engines for motor vehicles	Free			
84099192	Other: ----Of other petrol engines	Free			
84099193	Other: ----Of kerosene engines	Free			
84099194	Other: ----Of gas engines	Free			
84099199	Other: ----Other	Free			
840999	Other : -- Other				
84099911	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Valve, inlet and exhaust	Free			
84099912	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Pistons	Free			
84099913	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Piston rings	Free			
84099914	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Piston assemblies	Free			
84099920	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Fuel nozzles	Free			
84099930	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Fuel injection equipment excluding injection pumps Other parts of diesel	Free			

	engine:				
84099941	Other parts of diesel engine: ----Of diesel engines for motor vehicles	Free			
84099942	Other parts of diesel engine: ----Of outboard engine	Free			
84099949	Other parts of diesel engine: ----Other	Free			
84099990	Other parts of diesel engine: ----Other	Free			
8410	Hydraulic turbines, water wheels, and regulators therefor.				
84101100	Hydraulic turbines and water wheels : -- Of a power not exceeding 1,000 kW	Free			
841012	Hydraulic turbines and water wheels : -- Of a power exceeding 1,000 kW but not exceeding 10,000 kW				
84101210	Of power exceeding 1000 Kw but not exceeding 5000 Kw	Free			
84101220	Of power exceeding 5000 Kw but not exceeding 10000 Kw	Free			
841013	Hydraulic turbines and water wheels : -- Of a power exceeding 10,000 kW				
84101310	Of power exceeding 10000 Kw but not exceeding 30000 Kw	Free			
84101320	Of power exceeding 30000 Kw but not exceeding 80000 Kw	Free			

84101390	Of power exceeding 80000 Kw	Free			
84109000	Parts, including regulators	Free			
8411	Turbo-jets, turbo-propellers and other gas turbines.				
84111100	Turbo-jets : -- Of a thrust not exceeding 25 kN	Free			
84111200	Turbo-jets : -- Of a thrust exceeding 25 kN	Free			
84112100	Turbo-propellers : -- Of a power not exceeding 1,100 kW	Free			
84112200	Turbo-propellers : -- Of a power exceeding 1,100 kW	Free			
84118100	Other gas turbines : -- Of a power not exceeding 5,000 kW	Free			
841182	Other gas turbines : -- Of a power exceeding 5,000 kW				
84118210	Of power exceeding 5000 Kw but not exceeding 15,000 Kw	Free			
84118220	Of power exceeding 15000 but not exceeding 30000 Kw	Free			
84118230	Of power exceeding 30000 but not exceeding 60000 Kw	Free			
84118240	Of power exceeding 60000 but not exceeding 90000 Kw	Free			
84118250	Of power exceeding 90000 but not exceeding 115000 Kw	Free			



84118260	Of power exceeding 115000 Kw	Free			
84119100	Parts : -- Of turbo-jets or turbo-propellers	Free			
84119900	Parts : -- Other	Free			
8412	Other engines and motors.				
84121000	Reaction engines other than turbo-jets	Free			
84122100	Hydraulic power engines and motors : -- Linear acting (cylinders)	Free			
841229	Hydraulic power engines and motors : -- Other				
84122910	Hydrojet (hydraulic jet engines)	Free			
84122920	Hydraulic systems for use in goods of Chapter 89	Free			
84122990	Other	Free			
84123100	Pneumatic power engines and motors : -- Linear acting (cylinders)	Free			
84123900	Pneumatic power engines and motors : -- Other	Free			
841280	Other				
84128011	Steam or other vapour power: ----Stationary	Free			
84128019	Steam or other vapour power: ----Other	Free			
84128020	Steam or other vapour power: ----Motors, spring operated excluding clock and watch	Free			

	movements				
84128030	Steam or other vapour power: ----Wind turbine or engine	Free			
84128090	Steam or other vapour power: ----Other	Free			
841290	Parts				
84129010	Of steam engines incorporating boilers	Free			
84129020	Of other steam engines and other vapour power units not incorporating boilers	Free			
84129030	Of hydraulic engines and motors	Free			
84129090	Other	Free			
8413	Pumps for liquids, whether or not fitted with a measuring device; liquid elevators.				
841311	Pumps fitted or designed to be fitted with a measuring device : -- Pumps for dispensing fuel or lubricants, of the type used in filling-stations or in garages				
84131110	Hand pumps	Free			
84131191	other: ----Pumps for dispensing fuel	Free			
84131199	other: ----Other	Free			
841319	Pumps fitted or designed to be fitted with a measuring device : -- Other				
84131910	other: ----Hand pumps	Free			

84131990	other ----Other	Free			
84132000	Hand pumps, other than those of subheading 8413.11 or 8413.19	Free			
841330	Fuel, lubricating or cooling medium pumps for internal combustion piston engines				
84133010	Injection pumps for diesel engines	Free			
84133020	Oil pump	Free			
84133030	Water pump	Free			
84133090	Other	Free			
84134000	Concrete pumps	Free			
841350	Other reciprocating positive displacement pumps				
84135010	Metering and dosing pumps	Free			
84135021	Primarily designed for handling water: ----Deep tube well turbine pump	Free			
84135029	Primarily designed for handling water: ----Other	Free			
84135090	Primarily designed for handling water: ----Other	Free			
841360	Other rotary positive displacement pumps				
84136010	Gear type pumps	Free			
84136020	Screw type pumps	Free			

84136090	Other	Free			
841370	Other centrifugal pumps				
84137010	Primarily designed to handle water	Free			
84137091	other ----Single and multistage chemical process pumps	Free			
84137092	other ----Horizontal split casing pumps	Free			
84137093	other ----Horizontal self priming pumps	Free			
84137094	other ----Vertical turbine driven pumps	Free			
84137095	other ----Boiler feed pumps	Free			
84137096	other ----Slurry pumps	Free			
84137097	other ----Dredger pumps	Free			
84137099	other ----Other	Free			
841381	Other pumps; liquid elevators : -- Pumps				
84138110	Gas pumps	Free			
84138120	Hydraulic ram	Free			
84138130	Axial flow and mixed flow vertical pump designed primarily for handling water	Free			
84138190	Other				
84138200	Other pumps; liquid elevators : -- Liquid elevators	Free			

841391	Parts : -- Of pumps				
84139110	Of reciprocating pumps	Free			
84139120	Of centrifugal pumps	Free			
84139130	Of deep well turbine pumps and of other rotary pumps	Free			
84139140	Of hand pump for handling water	Free			
84139190	Other	Free			
84139200	Parts : -- Of liquid elevators	Free			
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				
841410	Vacuum pumps :				
84141010	with maximum flow-rate greater than 5 m <sup>3</sup> /h (under standard temperature (273 K (0 °C)) and pressure (101.3 kPa) conditions)	Free			
84141090	Other	Free			
841420	Hand- or foot-operated air pumps				
84142010	Bicycle pumps	Free			
84142020	Other Hand pumps	Free			

84142090	Other	Free			
84143000	Compressors of a kind used in refrigerating equipment	Free			
841440	Air compressors mounted on a wheeled chassis for towing				
84144010	Reciprocating air compressors	Free			
84144020	Centrifugal air compressors	Free			
84144030	Screw air compressors	Free			
84144090	Other:	Free			
841451	Fans : -- Table, floor, wall, window, ceiling or roof fans, with a self- contained electric motor of an output not exceeding 125 W				
84145110	Table fans	Free			
84145120	Ceiling fans	Free			
84145130	Pedestal fans	Free			
84145140	Railway carriage fans	Free			
84145150	Wall Fans	Free			
84145190	Other	Free			
841459	Fans : -- Other				
84145910	Air circulator	Free			

84145920	Blowers, portable	Free			
84145930	Industrial fans and blowers	Free			
84145990	Other	Free			
84146000	Hoods having a maximum horizontal side not exceeding 120 cm	Free			
84147000	Gas-tight biological safety cabinets	Free			
841480	Other				
84148011	Gas compressors: ----Of a kind used in air-conditioning equipment	Free			
84148019	Gas compressors: ----Other	Free			
84148020	Gas compressors: ----Free-piston generators for gas turbine	Free			
84148030	Gas compressors: ----Turbo charger	Free			
84148090	Gas compressors: ----Other	Free			
841490	Parts				
84149011	Of air or Vacuum pumps and compressors: ---- Of Gas compressors of a kind used in refrigerating and air conditioning appliances and machinery	Free			
84149012	Of air or Vacuum pumps and compressors: ---- Of bicycle pumps	Free			
84149019	Of air or Vacuum pumps and compressors: ---- Other	Free			

84149020	Of air or Vacuum pumps and compressors: ---- Of free piston generators	Free			
84149030	Of air or Vacuum pumps and compressors: ---- Of electric fans	Free			
84149040	Of air or Vacuum pumps and compressors: ---- Of Industrial fan, blowers	Free			
84149090	Of air or Vacuum pumps and compressors: ---- Other	Free			
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.				
841510	Of a kind designed to be fixed to a window, wall, ceiling or floor, self-contained or split-system				
84151010	Split system	Free			
84151090	Other	Free			
841520	Of a kind used for persons, in motor vehicles				
84152010	For buses	Free			
84152090	Other other	Free			
841581	Other : -- Incorporating a refrigerating unit and a valve for reversal of the cooling/heat cycle (reversible heat pumps)				
84158110	Split air-conditioner two tones and above	Free			



84158190	Other	Free			
841582	Other : -- Other, incorporating a refrigerating unit				
84158210	Split air-conditioner two tones and above	Free			
84158290	Other	Free			
841583	Other : -- Not incorporating a refrigerating unit				
84158310	Split air-conditioner two tones and above	Free			
84158390	Other	Free			
84159000	Parts	Free			
8416	Furnace burners for liquid fuel, for pulverised solid fuel or for gas; mechanical stokers, including their mechanical grates, mechanical ash dischargers and similar appliances.				
84161000	Furnace burners for liquid fuel	Free			
84162000	Other furnace burners, including combination burners	Free			
84163000	Mechanical stokers, mechanical grates, mechanical ash dischargers and similar appliances	Free			
84169000	Parts	Free			
8417	Industrial or laboratory furnaces and ovens, including incinerators, non-electric.				
84171000	Furnaces and ovens for the roasting, melting	Free			

	or other heat-treatment of ores, pyrites or of metals				
84172000	Bakery ovens, including biscuit ovens	Free			
841780	Other				
84178010	For cement industry	Free			
84178090	Other	Free			
84179000	Parts	Free			
8418	Refrigerators, freezers and other refrigerating or freezing conditioning machines of heading 84.15.				
841810	Combined refrigerator-freezers, fitted with separate external doors or drawers, or combinations thereof :				
84181010	Commercial type	Free			
84181090	Other	Free			
84182100	Refrigerators, household type : -- Compression-type	Free			
84182900	Refrigerators, household type : -- Other	Free			
841830	Freezers of the chest type, not exceeding 800 l capacity				
84183010	Electrical commercial type	Free			
84183090	Other	Free			

841840	Freezers of the upright type, not exceeding 900 l capacity				
84184010	Electrical	Free			
84184090	Other	Free			
84185000	Other furniture (chests, cabinets, display counters, show-cases and the like) for storage and display, incorporating refrigerating or freezing equipment	Free			
84186100	Other refrigerating or freezing equipment; heat pumps : -- Heat pumps other than air conditioning machines of heading 84.15	Free			
841869	Other refrigerating or freezing equipment; heat pumps : -- Other				
84186910	Ice making machinery	Free			
84186920	Water cooler	Free			
84186930	Vending machine, other than automatic vending machine	Free			
84186940	Refrigeration equipment or devices specially used in leather industries for manufacturing of leather articles	Free			
84186950	Refrigerated farm tanks, industrial ice cream freezer	Free			
84186990	Other	Free			
84189100	Parts : -- Furniture designed to receive refrigerating or freezing equipment	Free			

84189900	Parts : -- Other	Free			
8419	Machinery, plant or laboratory equipment, whether or not electrically heated (excluding furnaces, ovens and other equipment of heading 85.14), for the treatment of materials by a process involving a change of temperature such as heating, cooking, roasting, distilling, rectifying, sterilising, pasteurising, steaming, drying, evaporating, vaporising, condensing or cooling, other than machinery or plant of a kind used for domestic purposes; instantaneous or storage water heaters, non-electric.				
841911	Instantaneous or storage water heaters, non-electric : -- Instantaneous gas water heaters				
84191110	Domestic type	Free			
84191190	Other	Free			
84191200	Solar water heaters	Free			
841919	Instantaneous or storage water heaters, non-electric : -- Other				
84191910	Domestic type	Free			
84191920	Other	Free			
841920	Medical, surgical or laboratory sterilisers				
84192010	Auto claves	Free			
84192090	Other	Free			

84193300	Lyophilisation apparatus, freeze drying units and spray dryers	Free			
84193400	Other, for agricultural products	Free			
84193500	Other, for wood, paper pulp, paper or paperboard	Free			
84193900	Dryers : -- Other	Free			
841940	Distilling or rectifying plant				
84194010	For Petroleum refining	Free			
84194020	Other distilling equipment	Free			
84194090	Other	Free			
841950	Heat exchange units				
84195011	with a heat transfer surface area of greater than 0.15 m <sup>2</sup> , and less than 20 m <sup>2</sup> :----Shell and tube type	Free			
84195012	with a heat transfer surface area of greater than 0.15 m, and less than 20 m :----Plate type	Free			
84195013	with a heat transfer surface area of greater than 0.15 m <sup>2</sup> , and less than 20 m <sup>2</sup> :----Spiral type	Free			
84195019	with a heat transfer surface area of greater than 0.15 m <sup>2</sup> , and less than 20 m <sup>2</sup> :----Other	Free			
84195091	Other :----Shell and tube type	Free			
84195092	Other :----Plate type	Free			

84195093	Other :----Spiral type	Free			
84195099	Other :----Other	Free			
84196000	Machinery for liquefying air or other gases	Free			
841981	Other machinery, plant and equipment : -- For making hot drinks or for cooking or heating food				
84198110	Friers	Free			
84198120	Other kitchen machines	Free			
84198190	Other	Free			
841989	Other machinery, plant and equipment : -- Other				
84198911	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Pressure vessels	Free			
84198912	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Reactors with total internal (geometric) volume greater than 0.1 m <sup>3</sup> (100 l) and less than 20 m <sup>3</sup> (20000 l)	Free			
84198913	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Other reactors	Free			
84198914	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Distillation or absorption columns of internal diameter greater than 0.1 m	Free			
84198915	Pressure vessels, reactors, columns or towers	Free			

	or chemical storage tanks :----Other distillation or absorption columns				
84198916	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Chemical storage tanks with a total internal (geometric) volume greater than 0.1 m <sup>3</sup> (100 l)	Free			
84198917	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Other chemical storage tanks	Free			
84198919	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Other	Free			
84198920	Glass lined equipment	Free			
84198930	Auto claves other than for cooking or heating food, not elsewhere specified or included	Free			
84198940	Cooling towers and similar plants for direct cooling (without a separating wall) by means of recirculated water	Free			
84198950	Pasteurizers	Free			
84198960	Plant growth chambers and rooms and tissue culture chambers and rooms having temperature, humidity or light control	Free			
84198970	Apparatus for rapid heating of semi-conductor devices; apparatus for chemical or physical vapour deposition on semi-conductor wafers; apparatus for chemical vapour deposition on LCD substratus	Free			
84198980	Vaccum-vapour plant for deposition of metals	Free			

84198990	Other	Free			
841990	Parts				
84199010	Parts of instantaneous or storage water heaters (domestic type)	Free			
84199090	Other	Free		39/2015-2020	14.10.2021
8420	Calendering or other rolling machines, other than for metals or glass, and cylinders therefor.				
84201000	Calendering or other rolling machines	Free			
84209100	Parts : -- Cylinders	Free			
84209900	Parts : -- Other	Free			
8421	Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases.				
84211100	Centrifuges, including centrifugal dryers : -- Cream separators	Free			
84211200	Centrifuges, including centrifugal dryers : -- Clothes-dryers	Free			
842119	Centrifuges, including centrifugal dryers : -- Other				
84211910	Bowl centrifuges	Free			
84211920	Basket centrifuges	Free			
84211930	Continuous automatic centrifuges	Free			



84211940	Self cleaning centrifuges	Free			
84211950	Decanter centrifuges horizontal bowl	Free			
84211960	Screw conveyor centrifuges	Free			
84211991	other ----For chemical industries	Free			
84211999	other ----Other	Free			
842121	Filtering or purifying machinery and apparatus for liquids : -- For filtering or purifying water				
84212110	Ion exchanger plant or apparatus	Free			
84212120	Household type filters	Free			
84212190	Other	Free			
84212200	Filtering or purifying machinery and apparatus for liquids : -- For filtering or purifying beverages other than water	Free			
84212300	Filtering or purifying machinery and apparatus for liquids : -- Oil or petrol-filters for internal combustion engines	Free			
84212900	Filtering or purifying machinery and apparatus for liquids : -- Other	Free			
84213100	Filtering or purifying machinery and apparatus for gases : -- Intake air filters for internal combustion engines	Free			
84213200	Catalytic converters or particulate filters, whether or not combined, for purifying or filtering exhaust gases from internal	Free			

	combustion engines				
842139	Filtering or purifying machinery and apparatus for gases : -- Other				
84213910	Air separators to be employed in the processing, smelting or refining of minerals, ores or metals; air strippers	Free			
84213920	Air purifiers or cleaners	Free			
84213990	Other	Free			
84219100	Parts : -- Of centrifuges, including centrifugal dryers	Free			
84219900	Parts : -- Other	Free			
8422	Dish washing machines; machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; other packing or wrapping machinery (including heat-shrink wrapping machinery); machinery for aerating beverages.				
84221100	Dish washing machines : -- Of the household type	Free			
84221900	Dish washing machines : -- Other	Free			
84222000	Machinery for cleaning or drying bottles or other containers	Free			
84223000	Machinery for filling, closing, sealing, or	Free			

	labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; machinery for aerating beverages				
84224000	Other packing or wrapping machinery (including heat-shrink wrapping machinery)	Free			
842290	Parts				
84229010	Of machinery for cleaning or drying bottles or other containers	Free			
84229020	Of dish washing machines of household type	Free			
84229090	Of other machinery	Free			
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.				
84231000	Personal weighing machines, including baby scales; household scales	Free			
84232000	Scales for continuous weighing of goods on conveyors	Free			
84233000	Constant weight scales and scales for discharging a predetermined weight of material into a bag or container, including hopper scales	Free			
842381	Other weighing machinery : -- Having a maximum weighing capacity not exceeding 30 kg				

84238110	Beam scale	Free			
84238190	Other	Free			
842382	Other weighing machinery : -- Having a maximum weighing capacity exceeding 30 kg but not exceeding 5,000 kg				
84238210	Beams scale	Free			
84238290	Other	Free			
84238900	Other weighing machinery : -- Other	Free			
842390	Weighing machine weights of all kinds; parts of weighing machinery				
84239010	Weighing machine weight of all kinds	Free			
84239020	Parts of weighing machinery	Free			
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.				
84241000	Fire extinguishers, whether or not charged	Free			
84242000	Spray guns and similar appliances	Free			
84243000	Steam or sand blasting machines and similar jet projecting machines	Free			
84244100	Agricultural or horticultural sprayers : -- Portable sprayers	Free			

84244900	Agricultural or horticultural sprayers : -- Other	Free			
84248200	Other appliances : -- Agricultural or horticultural	Free			
842489	Other appliances : -- Other				
84248910	Painting equipment including electrostatic phosphating and powder coating equipment	Free			
84248920	Industrial bellows	Free			
84248990	Other	Free			
84249000	Parts	Free			
8425	Pulley tackle and hoists other than skip hoists; winches and capstans; jacks.				
842511	Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles : -- Powered by electric motor				
84251110	Hoisting machine	Free			
84251120	Pulley tackle	Free			
842519	Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles : -- Other				
84251910	Hoisting machine	Free			
84251920	Pulley tackle	Free			
84253100	Winches; capstans : -- Powered by electric motor	Free			

84253900	Winches; capstans : -- Other	Free			
84254100	Jacks; hoists of a kind used for raising vehicles : -- Built-in jacking systems of a type used in garages	Free			
84254200	Jacks; hoists of a kind used for raising vehicles : -- Other jacks and hoists, hydraulic	Free			
84254900	Jacks; hoists of a kind used for raising vehicles : -- Other	Free			
8426	Ships derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane.				
84261100	Overhead travelling cranes, transporter cranes, gantry cranes, bridge cranes, mobile lifting frames and straddle carriers : -- Overhead travelling cranes on fixed support	Free			
84261200	Overhead travelling cranes, transporter cranes, gantry cranes, bridge cranes, mobile lifting frames and straddle carriers : -- Mobile lifting frames on tyres and straddle carriers	Free			
84261900	Overhead travelling cranes, transporter cranes, gantry cranes, bridge cranes, mobile lifting frames and straddle carriers : -- Other	Free			
84262000	Tower cranes	Free			
84263000	Portal or pedestal jib cranes	Free			
84264100	Other machinery, self-propelled : -- On tyres	Free			
84264900	Other machinery, self-propelled : -- Other	Free			

84269100	Other machinery : -- Designed for mounting on road vehicles	Free			
842699	Other machinery : -- Other				
84269910	Ropeway and telephers	Free			
84269990	Other	Free			
8427	Fork-lift trucks; other works trucks fitted with lifting or handling equipment.				
84271000	Self-propelled trucks powered by an electric motor	Free			
84272000	Other self-propelled trucks	Free			
84279000	Other trucks	Free			
8428	Other lifting, handling, loading or unloading machinery (for example, lifts, escalators, conveyors, teleferics).				
842810	Lifts and skip hoists				
84281011	Lifts: ----Lifts of a kind used in buildings	Free			
84281019	Lifts: ----Other	Free			
84281020	Lifts: ----Skip hoists	Free			
842820	Pneumatic elevators and conveyors				
84282011	Conveyors: ----Belt conveyors	Free			
84282019	Conveyors: ----Other	Free			

84282020	Conveyors: ----Pneumatic Elevators	Free			
84283100	Other continuous-action elevators and conveyors, for goods or materials : -- Specially designed for underground use	Free			
84283200	Other continuous-action elevators and conveyors, for goods or materials : -- Other, bucket type	Free			
84283300	Other continuous-action elevators and conveyors, for goods or materials : -- Other, belt type	Free			
84283900	Other continuous-action elevators and conveyors, for goods or materials : -- Other	Free			
84284000	Escalators and moving walkways	Free			
84286000	Teleferics, chair-lifts, ski-draglines; traction mechanisms for funiculars	Free			
84287000	Industrial robots	Free			
842890	Other machinery				
84289010	For coal handling	Free			
84289020	For ash handling	Free			
84289090	Other	Free			
8429	Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers.				



842911	Bulldozers and angledozers : -- Track laying				
84291110	Angel dozers	Free			
84291120	Bulldozers	Free			
842919	Bulldozers and angledozers : -- Other				
84291910	Angeldozer	Free			
84291920	Bulldozers	Free			
84292000	Graders and levellers	Free			
84293000	Scrapers	Free			
842940	Tamping machines and road rollers				
84294010	Road rollers upto 5 tons capacity	Free			
84294020	Road rollers above 5 tons capacity	Free			
84294030	Tamping machines	Free			
84295100	Mechanical shovels, excavators and shovel loaders : -- Front-end shovel loaders	Free			
84295200	Mechanical shovels, excavators and shovel loaders : -- Machinery with a 360 degrees revolving superstructure	Free			
84295900	Mechanical shovels, excavators and shovel loaders : -- Other	Free			
8430	Other moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or				

	boring machinery, for earth, minerals or ores; pile-drivers and pile-extractors; snow-ploughs and snowblowers.				
843010	Pile-drivers and pile-extractors				
84301010	Pile-drivers	Free			
84301020	Pile-extractors	Free			
84302000	Snow-ploughs and snow-blowers	Free			
843031	Coal or rock cutters and tunnelling machinery : -- Self-propelled				
84303110	Coal cutters	Free			
84303120	Tunneling machinery	Free			
84303190	Other	Free			
84303900	Coal or rock cutters and tunnelling machinery : -- Other	Free			
843041	Other boring or sinking machinery : -- Self-propelled				
84304110	Tube well drilling and core drilling machinery	Free			
84304120	Petroleum and gas well drilling machinery	Free			
84304130	Rock drilling machinery	Free			
84304190	Other	Free			
84304900	Other boring or sinking machinery : -- Other	Free			

843050	Other machinery, self-propelled				
84305010	Mining machinery (excluding coal mining)	Free			
84305090	Other	Free			
84306100	Other machinery, not self-propelled : -- Tamping or compacting machinery	Free			
843069	Other :				
84306910	Mine plough machinery	Free			
84306990	Other	Free			
8431	Parts suitable for use solely or principally with the machinery of headings 84.25 to 84.30.				
843110	Of machinery of heading 84.25				
84311010	Of pulley tackle hoists, other than skip hoists, winches or capstans	Free			
84311090	Other	Free			
843120	Of machinery of heading 84.27				
84312010	Of fork lift trucks	Free			
84312090	Other	Free			
84313100	Of machinery of heading 84.28 : -- Of lifts, skip hoists or escalators	Free			
843139	Of machinery of heading 84.28 : -- Other				

84313910	Of elevators, conveyors and moving equipments	Free			
84313990	Other	Free			
84314100	Of machinery of heading 84.26, 84.29 or 84.30 : -- Buckets, shovels, grabs and grips	Free			
84314200	Of machinery of heading 84.26, 84.29 or 84.30 : -- Bulldozer or angledozer blades	Free			
843143	Of machinery of heading 84.26, 84.29 or 84.30 : -- Parts for boring or sinking machinery of subheading 8430.41 or 8430.49				
84314310	Of boring or sinking machinery, self-propelled	Free			
84314390	Other	Free			
843149	Of machinery of heading 84.26, 84.29 or 84.30 : -- Other				
84314910	Of road rollers, mechanically propelled	Free			
84314920	Of ships derricks and cranes	Free			
84314930	Of other excavating, levelling, tamping or excavating machinery for earth, mineral or ores	Free			
84314940	Of pile driver, snow plough, not self-propelled	Free			
84314990	Other	Free			
8432	Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports-ground rollers.				

843210	Ploughs				
84321010	Disc ploughs	Free			
84321020	Other tractor ploughs	Free			
84321090	Other	Free			
84322100	Harrows, scarifiers, cultivators, weeders and hoes : -- Disc harrows	Free			
843229	Harrows, scarifiers, cultivators, weeders and hoes : -- Other				
84322910	Rotary hoes	Free			
84322990	Other	Free			
84323100	Seeders, planters and transplanters : -- No-till direct seeders, planters and transplanters	Free			
84323900	Seeders, planters and transplanters : -- Other	Free			
84324100	Manure spreaders and fertiliser distributors : -- Manure spreaders	Free			
84324200	Manure spreaders and fertiliser distributors : -- Fertiliser distributors	Free			
843280	Other machinery				
84328010	Lawn or sports-ground rollers	Free			
84328020	Rotary tiller	Free			
84328090	Other	Free			

843290	Parts				
84329010	Parts of agricultural machinery falling within headings. 8432 10, 8432 21, 8432 29, 8432 30 and 8432 40	Free			
84329090	Other	Free			
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 84.37.				
843311	Mowers for lawns, parks or sports-grounds : -- Powered, with the cutting device rotating in a horizontal plane				
84331110	Powered with 3 HP or more	Free			
84331190	Other	Free			
843319	Mowers for lawns, parks or sports-grounds : -- Other				
84331910	Non- powered mowers, having width of 75 cm or more	Free			
84331990	Other	Free			
84332000	Other mowers, including cutter bars for tractor mounting	Free			
84333000	Other haymaking machinery	Free			
84334000	Straw or fodder balers, including pick-up balers	Free			

84335100	Other harvesting machinery; threshing machinery : -- Combine harvester-threshers	Free			
84335200	Other harvesting machinery; threshing machinery : -- Other threshing machinery	Free			
84335300	Other harvesting machinery; threshing machinery : -- Root or tuber harvesting machines	Free			
84335900	Other harvesting machinery; threshing machinery : -- Other	Free			
843360	Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce				
84336010	Machines for cleaning	Free			
84336020	Machine for sorting or grading	Free			
84339000	Parts	Free			
8434	Milking machines and dairy machinery.				
84341000	Milking machines	Free			
84342000	Dairy machinery	Free			
843490	Parts				
84349010	Of milking machinery	Free			
84349020	Of dairy machinery	Free			
8435	Presses, crushers and similar machinery used in the manufacture of wine, cider, fruit juices or similar beverages.				

84351000	Machinery	Free			
84359000	Parts	Free			
8436	Other agricultural, horticultural, forestry, poultry-keeping or bee-keeping machinery, including germination plant fitted with mechanical or thermal equipment; poultry incubators and brooders.				
84361000	Machinery for preparing animal feeding stuffs	Free			
84362100	Poultry-keeping machinery; poultry incubators and brooders : -- Poultry incubators and brooders	Free			
84362900	Poultry-keeping machinery; poultry incubators and brooders : -- Other	Free			
843680	Other machinery				
84368010	Germination plant fitted with mechanical and thermal equipment	Free			
84368090	Other	Free			
84369100	Parts : -- Of poultry-keeping machinery or poultry incubators and brooders	Free			
84369900	Parts : -- Other	Free			
8437	Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables; machinery used in the milling industry or for the working of cereals or dried leguminous vegetables, other than farm-type machinery.				



84371000	Machines for cleaning, sorting or grading seed, grain or dried	Free			
843780	Other machinery				
84378010	Flour mill machinery	Free			
84378020	Rice mill machinery	Free			
84378090	Other	Free			
843790	Parts				
84379010	Of flour mill machinery	Free			
84379020	Of rice mill machinery	Free			
84379090	Other	Free			
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				
843810	Bakery machinery and machinery for the manufacture of macaroni, spaghetti or similar products				
84381010	Bakery machinery	Free			
84381020	Machinery for manufacture of macaroni or spaghetti or similar products	Free			

84382000	Machinery for the manufacture of confectionery, cocoa or chocolate	Free			
843830	Machinery for sugar manufacture				
84383010	Sugar cane crushers	Free			
84383090	Other	Free			
84384000	Brewery machinery	Free			
84385000	Machinery for the preparation of meat or poultry	Free			
84386000	Machinery for the preparation of fruits, nuts or vegetables	Free			
843880	Other machinery				
84388010	Auxiliary equipment for extrusion cooking plant	Free			
84388020	For production of soya milk or other soya products (other than soya oil)	Free			
84388030	Diffusing machines (diffusers)	Free			
84388040	Tea leaf rolling or cutting machine	Free			
84388090	Other	Free			
843890	Parts				
84389010	Of sugar manufacturing machinery	Free			
84389090	Of other machinery	Free			

8439	Machinery for making pulp of fibrous cellulosic material or for making or finishing paper or paperboard.				
84391000	Machinery for making pulp of fibrous cellulosic material	Free			
84392000	Machinery for making paper or paperboard	Free			
843930	Machinery for finishing paper or paperboard				
84393010	Paper laminating machine	Free			
84393090	Other	Free			
84399100	Parts : -- Of machinery for making pulp of fibrous cellulosic material	Free			
84399900	Parts : -- Other	Free			
8440	Book-binding machinery, including book-sewing machines.				
844010	Machinery				
84401010	Wire stitching machinery, single headed	Free			
84401090	Other	Free			
84409000	Parts	Free			
8441	Other machinery for making up paper pulp, paper or paperboard, including cutting machines of all kinds.				
844110	Cutting machines				

84411010	Paper cutting machines, excluding machines with devices such as automatic programme cutting or three knife trimmers	Free			
84411090	Other	Free			
84412000	Machines for making bags, sacks or envelopes	Free			
84413000	Machines for making cartons, boxes, cases, tubes, drums or similar containers, other than by moulding	Free			
84414000	Machines for moulding articles in paper pulp, paper or paperboard	Free			
84418000	Other machinery	Free			
84419000	Parts	Free			
8442	Machinery, apparatus and equipment (other than the machines of headings 84.56 to 84.65) for preparing or making plates, cylinders or other printing components; plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished).				
844230	Machinery, apparatus and equipment				
84423010	Brass rules	Free			
84423020	Chases	Free			
84423090	Other	Free			
84424000	Parts of the foregoing machinery, apparatus or	Free			

	equipment				
844250	Plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished)				
84425010	Plates and cylinders	Free			
84425020	Lithographic plates	Free			
84425031	Plate, cylinder and lithographic stones prepared for printing purposes: ----Plate and cylinder for textile printing machine	Free			
84425039	Plate, cylinder and lithographic stones prepared for printing purposes: ----Other	Free			
84425040	Plate, cylinder and lithographic stones prepared for printing purposes: ----Highly polished copper sheets for making blocks	Free			
84425050	Plate, cylinder and lithographic stones prepared for printing purposes: ----Highly polished zinc sheets for making process blocks	Free			
84425090	Plate, cylinder and lithographic stones prepared for printing purposes: ----Other	Free			
8443	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42; other printers, copying machines and facsimile machines, whether or not combined; parts and accessories thereof.				

84431100	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42 : -- Offset printing machinery, reel-fed	Free			
84431200	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42 : -- 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)	Free			
84431300	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42 : -- Other offset printing machinery	Free			
84431400	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42 : -- Letterpress printing machinery, reel fed, excluding flexographic printing	Free			
84431500	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42 : -- Letterpress printing machinery, other than reel fed, excluding flexographic printing	Free			
84431600	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42 : -- Flexographic printing machinery	Free			
84431700	Printing machinery used for printing by means of plates, cylinders and other printing	Free			

	components of heading 84.42 : -- Gravure printing machinery				
844319	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42 : -- Other				
84431910	Flat bed printing presses	Free			
84431920	Platen printing presses	Free			
84431930	Proof presses	Free			
84431941	Machinery for printing repetitive word or design or colour: ----On cotton textile	Free			
84431949	Machinery for printing repetitive word or design or colour: ----Other	Free			
84431990	Other	Free			
84433100	Other printers, copying machines and facsimile machines, whether or not combined : -- Machines which perform two or more of the functions of printing, copying or facsimile transmission, capable of connecting to an automatic data processing machine or to a network	Free			
844332	Other printers, copying machines and facsimile machines, whether or not combined : -- Other, capable of connecting to an automatic data processing machine or to a network				
84433210	Line printer	Free			
84433220	Dot matrix printer	Free			

84433230	Letter quality daisy wheel printer	Free			
84433240	Laser jet printer	Free			
84433250	Ink jet printer	Free			
84433260	Facsimile machine	Free			
84433290	Other	Free			
84433910	Ink-jet printing machine	Free			
84433920	Electrostatic photocopying apparatus operated by reproducing the original image directly onto the copy (direct process)	Free			
84433930	Electrostatic photocopying apparatus operated by reproducing the original image via and intermediate onto the copy (indirect process)	Free			
84433940	Other photocopying apparatus incorporating an optical system	Free			
84433950	Other photocopying apparatus of contact type	Free			
84433960	Thermo-copying apparatus	Free			
84433970	Facsimile machine not capable of getting connected to automatic data processing machine	Free			
84433990	Other	Free			
84439100	Parts and accessories : -- Parts and accessories of printing machinery used for printing by heading 84.42	Free			



844399	Other				
84439910	Automatic documents feeders of copying machines	Free			
84439920	Paper feeders of copying machines	Free			
84439930	Sorters of copying machines	Free			
84439940	Other parts of copying machines	Free			
84439951	Cartridges or toners, with print head assembly	Free			
84439952	Cartridges or toners, without print head assembly	Free			
84439959	Parts and accessories of goods of sub-heading 8443 31, 8443 32: ----Other	Free			
84439960	Parts and accessories of goods of sub-heading 8443 31, 8443 32: ----Parts and accessories of goods of sub-heading 8443 39	Free			
84439990	Parts and accessories of goods of sub-heading 8443 31, 8443 32: ----Other	Free			
8444	Machines for extruding, drawing, texturing or cutting manmade textile materials.				
844400	Machines for extruding, drawing, texturing or cutting man-made textile materials :				
84440010	Machines for extruding man-made textile materials	Free			
84440090	Other	Free			

8445	Machines for preparing textile fibres; spinning, doubling or twisting machines and other machinery for producing textile yarns; textile reeling or winding (including weft-winding) machines and machines for preparing textile yarns for use on the machines of heading 84.46 or 84.47.				
844511	Machines for preparing textile fibres : -- Carding machines				
84451110	Cotton carding machines	Free			
84451190	Other	Free			
844512	Machines for preparing textile fibres : -- Combing machines				
84451210	Cotton combing machines	Free			
84451290	Other	Free			
84451300	Machines for preparing textile fibres : -- Drawing or roving machines	Free			
844519	Machines for preparing textile fibres : -- Other				
84451910	Cotton processing machines (including cotton ginning machine)	Free			
84451920	Jute fibre processing machines	Free			
84451930	Regenerated fibres and synthetic fibres processing machines	Free			
84451940	Silk processing machines	Free			

84451950	Wool processing machines	Free			
84451960	Blowroom machines	Free			
84451990	Other	Free			
844520	Textile spinning machines				
84452011	Cotton spinning machines: ----Drawing frames	Free			
84452012	Cotton spinning machines: ----Intermediate frames	Free			
84452013	Cotton spinning machines: ----Ring frames	Free			
84452014	Cotton spinning machines: ----Roving frames	Free			
84452019	Cotton spinning machines: ----Other	Free			
84452020	Cotton spinning machines: ----Jute fibres spinning machines	Free			
84452030	Cotton spinning machines: ----Regenerated fibres and synthetic fibres spinning machines	Free			
84452040	Cotton spinning machines: ----Silk fibres spinning machines	Free			
84452050	Cotton spinning machines: ----Wool spinning machines	Free			
84452090	Cotton spinning machines: ----Other	Free			
844530	Textile doubling or twisting machines				
84453011	Doubling frames	Free			

84453019	Other	Free			
84453020	Jute fibre doubling or twisting machines	Free			
84453030	Regenerated fibre and synthetic fibre yarn doubling or twisting machines	Free			
84453040	Silk fibre doubling or twisting machines	Free			
84453050	Wool fibre doubling or twisting machines	Free			
84453090	Other fibre doubling or twisting machines	Free			
844540	Textile winding (including weft-winding) or reeling machines				
84454010	Cotton fibre winding (including weft-winding) or reeling machines, automatic or otherwise	Free			
84454020	Jute fibre reeling (including weft-winding) machines	Free			
84454030	Regenerated fibres yarn and synthetic fibres yarn reeling (including weft-winding) machines	Free			
84454040	Silk fibre reeling (including weft-winding) machines	Free			
84454050	Wool fibre reeling (including weft-winding) machines	Free			
84454090	Other	Free			
84459000	Other	Free			
8446	Weaving machines (looms).				

844610	For weaving fabrics of a width not exceeding 30 cm				
84461011	Cotton weaving machines: ----Automatic, powerloom	Free			
84461012	Cotton weaving machines: ----Plain, powerloom	Free			
84461019	Cotton weaving machines: ----Other	Free			
84461090	Cotton weaving machines: ----Other	Free			
844621	For weaving fabrics of a width exceeding 30 cm, shuttle type : -- Power looms				
84462110	Cotton weaving machines, automatic	Free			
84462190	Other	Free			
844629	For weaving fabrics of a width exceeding 30 cm, shuttle type : -- Other				
84462910	Cotton weaving machines	Free			
84462990	Other	Free			
844630	For weaving fabrics of a width exceeding 30 cm, shuttleless type				
84463011	Cotton weaving machines: ----Automatic, powerloom	Free			
84463012	Cotton weaving machines: ----Plain, powerloom	Free			
84463019	Cotton weaving machines: ----Other	Free			

84463090	Cotton weaving machines: ----Other	Free			
8447	Knitting machines, stitch-bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting.				
844711	Circular knitting machines : -- With cylinder diameter not exceeding 165 mm				
84471111	Wool knitting machines: ----Hand knitting machines	Free			
84471119	Wool knitting machines: ----Other	Free			
84471120	Wool knitting machines: ----Cotton hosiery machines	Free			
84471190	Wool knitting machines: ----Other	Free			
844712	Circular knitting machines : -- With cylinder diameter exceeding 165 mm				
84471211	Wool knitting machines: ----Hand knitting machines	Free			
84471219	Wool knitting machines: ----Other	Free			
84471220	Wool knitting machines: ----Cotton hosiery machines	Free			
84471290	Wool knitting machines: ----Other	Free			
844720	Flat knitting machines; stitch-bonding machines				
84472010	Hand knitting machines for wool	Free			

84472020	Other knitting machines for wool	Free			
84472030	Cotton hosiery machines	Free			
84472090	Other	Free			
844790	Other				
84479010	Machines for making of tulle and lace	Free			
84479020	Machines for making embroidery	Free			
84479030	Other	Free			
8448	Auxiliary machinery for use with machines of heading 84.44, 84.45, 84.46 or 84.47 (for example, dobbies, Jacquards, automatic stop motions, shuttle changing mechanisms); parts and accessories suitable for use solely or principally with the machines of this heading or of heading 84.44, 84.45, 84.46 or 84.47 (for example, spindles and spindle flyers, card clothing, combs, extruding nipples, shuttles, healds and heald-frames, hosiery needles).				
844811	Auxiliary machinery for machines of heading 84.44, 84.45, 84.46 or 84.47 : -- Dobbies and Jacquards; card reducing, copying, punching or assembling machines for use therewith				
84481110	Jacquards and harness liner cards for cotton textile machinery	Free			
84481190	Other	Free			
84481900	Auxiliary machinery for machines of heading 84.44, 84.45, 84.46 or 84.47 : -- Other	Free			

84482000	Parts and accessories of machines of heading 84.44 or of their auxiliary machinery	Free			
84483100	Parts and accessories of machines of heading 84.45 or of their auxiliary machinery : -- Card clothing	Free			
844832	Parts and accessories of machines of heading 84.45 or of their auxiliary machinery : -- Of machines for preparing textile fibres, other than card clothing				
84483210	For cotton processing machines	Free			
84483220	For jute processing machines	Free			
84483230	For silk and manmade (regenerated and synthetic fibres processing machines)	Free			
84483240	For wool processing machines	Free			
84483290	Other	Free			
844833	Parts and accessories of machines of heading 84.45 or of their auxiliary machinery : -- Spindles, spindle flyers, spinning rings and ring travellers				
84483310	For cotton spinning machines	Free			
84483320	For jute spinning machines	Free			
84483330	For silk and man-made (regenerated and synthetic) fibre spinning machines	Free			
84483340	For wool spinning machines	Free			



84483390	For other textile fibre spinning machines	Free			
844839	Parts and accessories of machines of heading 84.45 or of their auxiliary machinery : --Other				
84483910	Combs for cotton textile machinery	Free			
84483920	Gills for gill boxes	Free			
84483990	Other	Free			
844842	Parts and accessories of weaving machines (looms) or of their auxiliary machinery : -- Reeds for looms, healds and heald-frames				
84484210	Healds (excluding wire healds) for cotton machinery and reeds for cotton machinery	Free			
84484220	Healds, wire	Free			
84484290	Other	Free			
844849	Parts and accessories of weaving machines (looms) or of their auxiliary machinery : -- Other				
84484910	Parts of cotton weaving machinery	Free			
84484920	Parts of jute weaving machinery	Free			
84484930	Parts of silk and man-made fibres weaving machinery	Free			
84484940	Parts of wool weaving machinery	Free			
84484950	Parts of other textile weaving machinery	Free			

84484990	Other	Free			
844851	Parts and accessories of machines of heading 84.47 or of their auxiliary machinery : -- Sinkers, needles and other articles used in forming stitches				
84485110	Of cotton hosiery machine	Free			
84485120	Of wool knitting machines	Free			
84485130	Of machines for tulle, lace	Free			
84485190	Other	Free			
84485900	Parts and accessories of machines of heading 84.47 or of their auxiliary machinery : -- Other	Free			
8449	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.				
844900	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 :				
84490010	Machinery for manufacture or finishing of felt in piece or in shapes (including felt hat-making machines and hat making blocks)	Free			
84490090	Other	Free			
8450	Household or laundry-type washing machines, including machines which both wash and dry.				

84501100	Machines, each of a dry linen capacity not exceeding 10 kg : -- Fully-automatic machines	Free			
84501200	Machines, each of a dry linen capacity not exceeding 10 kg : -- Other machines, with built-in centrifugal drier	Free			
84501900	Machines, each of a dry linen capacity not exceeding 10 kg : -- Other	Free			
84502000	Machines, each of a dry linen capacity exceeding 10 kg	Free			
845090	Parts				
84509010	Parts of household type machines	Free			
84509090	Other	Free			
8451	Machinery (other than machines of heading 84.50) for washing, cleaning, wringing, drying, ironing, pressing (including fusing presses), bleaching, dyeing, dressing, finishing, coating or impregnating textile yarns, fabrics or made up textile articles and machines for applying the paste to the base fabric or other support used in the manufacture of floor coverings such as linoleum; machines for reeling, unreeling, folding, cutting or pinking textile fabrics.				
845110	Dry-cleaning machines				
84511010	Dry cleaning machines for cotton textile	Free			
84511090	Other	Free			

84512100	Drying machines : -- Each of a dry linen capacity not exceeding 10 kg	Free			
84512900	Drying machines : -- Other	Free			
845130	Ironing machines and presses (including fusing presses)				
84513010	Hand ironing press	Free			
84513090	Other	Free			
845140	Washing, bleaching or dyeing machines				
84514011	Bleaching machine: ----For cotton textile	Free			
84514019	Bleaching machine: ----Other	Free			
84514021	Dyeing machines: ----For cotton textile	Free			
84514029	Dyeing machines: ----For other textile	Free			
84514091	Other: ----For washing and cleaning for woolen textile	Free			
84514099	Other: ----Other	Free			
84515000	Machines for reeling, unreeling, folding, cutting or pinking textile fabrics	Free			
845180	Other machinery				
84518011	Sizing and dressing machines: ----For cotton textile	Free			
84518019	Sizing and dressing machines: ----Other	Free			

84518021	Finishing machines: ----For coating or impregnating yarn or fabrics	Free			
84518022	Finishing machines: ----Other finishing processes for cotton textile	Free			
84518029	Finishing machines: ----Other	Free			
84518090	Finishing machines: ----Other	Free			
84519000	Parts	Free			
8452	Sewing machines, other than book-sewing machines of heading 84.40; furniture, bases and covers specially designed for sewing machines; sewing machine needles.				
845210	Sewing machines of the household type				
84521011	Complete, with stand or table: ----With electronic controls or electric motors	Free			
84521012	Complete, with stand or table: ----Hand operated	Free			
84521019	Complete, with stand or table: ----Other	Free			
84521021	Without stand or table (heads): ----With electronic controls or electric motors	Free			
84521022	Without stand or table (heads): ----Hand operated	Free			
84521029	Without stand or table (heads): ----Other	Free			
845221	Other sewing machines : -- Automatic units				

84522110	Industrial sewing machines having a motor of 12.50 watts capacity and above and having a speed of 1500 stitches per minute or more	Free			
84522120	Other with electronic control or electric motors	Free			
84522190	Other	Free			
84522900	Other sewing machines : -- Other	Free			
845230	Sewing machine needles				
84523010	for household type sewing machines	Free			
84523090	Other	Free			
845290	Furniture, bases and covers for sewing machines and parts thereof; other parts of sewing machines				
84529011	Furniture, bases and covers for sewing machines and parts thereof: ----Furniture, bases and covers	Free			
84529019	Furniture, bases and covers for sewing machines and parts thereof: ----Parts of furniture, bases and cover for sewing machines other parts of sewing machines:	Free			
84529091	Other parts of sewing machines: ----Of household sewing machines	Free			
84529099	Other parts of sewing machines: ----Other	Free			
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.				
84531000	Machinery for preparing, tanning or working hides, skins or leather	Free			
84532000	Machinery for making or repairing footwear	Free			
84538000	Other machinery	Free			
845390	Parts				
84539010	Of boot and shoe manufacturing machinery	Free			
84539090	Other	Free			
8454	Converters, ladles, ingot moulds and casting machines, of a kind used in metallurgy or in metal foundries.				
84541000	Converters	Free			
845420	Ingot moulds and ladles				
84542010	Ladles	Free			
84542020	Ingot moulds	Free			
845430	Casting machines				
84543010	Die-casting machines	Free			
84543020	Continuous casting machines	Free			
84543090	Other	Free			
84549000	Parts	Free			

8455	Metal-rolling mills and rolls therefor.				
84551000	Tube mills	Free			
845521	Other rolling mills : -- Hot or combination hot and cold				
84552110	Hot	Free			
84552120	Combination of hot and cold	Free			
84552200	Other rolling mills : -- Cold	Free			
84553000	Rolls for rolling mills	Free			
84559000	Other parts	Free			
8456	Machine-tools for working any material by removal of material, by laser or other light or photon beam, ultrasonic, lectrodischarge, electro-chemical, electron beam, ionic-beam or plasma arc processes; water-jet cutting machines.				
84561100	Operated by laser or other light or photon beam processes : -- Operated by laser	Free			
84561200	Operated by laser or other light or photon beam processes : -- Operated by other light or photon beam processes	Free			
84562000	Operated by ultrasonic processes	Free			
84563000	Operated by electro-discharge processes	Free			
84564000	Operated by plasma arc processes	Free			



84565000	Water-jet cutting machines	Free			
845690	Other				
84569010	For dry-etching patterns on Semi-conductor materials	Free			
84569020	Electro-chemical machines	Free			
84569090	Other	Free			
8457	Machining centres, unit construction machines (single station) and multi-station transfer machines, for working metal.				
845710	Machining centres				
84571010	Horizontal	Free			
84571020	Vertical	Free			
845720	Unit construction machines (single station)				
84572010	Unit head boring	Free			
84572020	Unit head drilling	Free			
84572090	Other	Free			
845730	Multi-station transfer machines				
84573010	Rotary type	Free			
84573020	In-line type	Free			
84573090	Other	Free			

8458	Lathes (including turning centres) for removing metal.				
84581100	Horizontal lathes : -- Numerically controlled	Free			
845819	Horizontal lathes : -- Other				
84581911	Automatic, single spindle: ----Horizontal bar, Swiss type	Free			
84581912	Automatic, single spindle: ----Base sliding head type	Free			
84581913	Automatic, single spindle: ----Horizontal chucking	Free			
84581919	Automatic, single spindle: ----Other	Free			
84581990	Automatic, single spindle: ----Other	Free			
84589100	Other lathes : -- Numerically controlled	Free			
845899	Other lathes : -- Other				
84589910	Automatic, multi-spindle bar	Free			
84589920	Automatic, multi-spindle chucking	Free			
84589931	Capstans, turrets, capstan and turret combination, coping, multi tool and production lathes: ----Capstans lathes	Free			
84589932	Capstans, turrets, capstan and turret combination, coping, multi tool and production lathes: ----Turrets lathes	Free			
84589933	Capstans, turrets, capstan and turret	Free			

	combination, coping, multi tool and production lathes: ----Capstan and turret combination lathes				
84589934	Capstans, turrets, capstan and turret combination, coping, multi tool and production lathes: ----Copying lathes	Free			
84589935	Capstans, turrets, capstan and turret combination, coping, multi tool and production lathes: ----Multi-tool and production lathes	Free			
84589941	Crankshaft, relieving, wheel and axle lathes: -- --Crankshaft lathes	Free			
84589942	Crankshaft, relieving, wheel and axle lathes: -- --Relieving lathes	Free			
84589943	Crankshaft, relieving, wheel and axle lathes: -- --Wheel and axle lathes	Free			
84589951	Centre lathes: ----Tool-room type	Free			
84589959	Centre lathes: ----Other	Free			
84589990	Centre lathes: ----Other	Free			
8459	Machine-tools (including way-type unit head machines) for drilling, boring, milling, threading or tapping by removing metal, other than lathes (including turning centres) of heading 84.58.				
84591000	Way-type unit head machines	Free			
84592100	Other drilling machines : -- Numerically controlled	Free			

845929	Other drilling machines : -- Other				
84592910	Bench and pillar	Free			
84592920	Pillar or columns, multi-spindle	Free			
84592930	Radial	Free			
84592940	Deep hole	Free			
84592950	Multi head drilling machines	Free			
84592990	Other	Free			
84593100	Other boring-milling machines : -- Numerically controlled	Free			
845939	Other boring-milling machines : -- Other				
84593910	Vertical turning or boring	Free			
84593990	Other	Free			
845941	Other boring machines : -- Numerically controlled				
84594110	Jig boring machines, horizontal	Free			
84594120	Fine boring machines, horizontal	Free			
84594130	Fine boring machines, vertical	Free			
84594190	Other	Free			
845949	Other boring machines : -- Other				

84594910	Jig boring machines, horizontal	Free			
84594920	Fine boring machines, horizontal	Free			
84594930	Fine boring machines, vertical	Free			
84594990	Other	Free			
845951	Milling machines, knee-type : -- Numerically controlled				
84595110	Horizontal	Free			
84595120	Vertical	Free			
84595130	Universal	Free			
84595190	Other	Free			
845959	Milling machines, knee-type : -- Other				
84595910	Horizontal	Free			
84595920	Vertical	Free			
84595930	Universal	Free			
84595940	Ram type	Free			
84595950	Die-sinking or pantograph	Free			
84595990	Other	Free			
845961	Other milling machines : -- Numerically controlled				

84596110	Piano milling	Free			
84596190	Other	Free			
845969	Other milling machines : -- Other				
84596910	Bed type, horizontal	Free			
84596920	Bed type, vertical	Free			
84596930	Piano milling, single column	Free			
84596940	Piano milling, double column	Free			
84596990	Other	Free			
845970	Other threading or tapping machines				
84597010	Threading machines	Free			
84597020	Tapping machines	Free			
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 84.61.				
84601200	Flat-surface grinding machines : -- Numerically controlled	Free			
84601900	Flat-surface grinding machines : -- Other	Free			
84602200	Other grinding machines : -- Centreless grinding machines, numerically controlled	Free			

84602300	Other grinding machines : -- Other cylindrical grinding machines, numerically controlled	Free			
84602400	Other grinding machines : -- Other, numerically controlled	Free			
846029	Other grinding machines : -- Other				
84602910	Cylindrical grinders	Free			
84602920	Internal grinders	Free			
84602930	Centreless grinders	Free			
84602940	Profile grinders	Free			
84602990	Other	Free			
84603100	Sharpening (tool or cutter grinding) machines : -- Numerically controlled	Free			
846039	Sharpening (tool or cutter grinding) machines : -- Other				
84603910	Grinder, tool or cutter	Free			
84603990	Other	Free			
846040	Honing or lapping machines				
84604011	Honing machines: ----Vertical, single spindle	Free			
84604012	Honing machines: ----Vertical, multi-spindle	Free			
84604013	Honing machines: ----Horizontal	Free			

84604019	Honing machines: ----Other	Free			
84604020	Honing machines: ----Lapping machines	Free			
846090	Other				
84609010	Polishing and buffing machines	Free			
84609090	Other	Free			
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.				
846120	Shaping or slotting machines				
84612011	Shaping machines: ----Die and punch shaping machines	Free			
84612019	Shaping machines: ----Other	Free			
84612020	Slotting machines	Free			
846130	Broaching machines				
84613010	Vertical	Free			
84613020	Horizontal	Free			
84613090	Other	Free			
846140	Gear cutting, gear grinding or gear finishing machines				



84614011	Gear cutting machines: ----Bevel gear cutting	Free			
84614012	Gear cutting machines: ----Gear cutting spiral bevel and / or hypoid	Free			
84614013	Gear cutting machines: ----Gear slotter or planar formed cutter type	Free			
84614014	Gear cutting machines: ----Gear milling formed disc cutter type	Free			
84614019	Gear cutting machines: ----Other	Free			
84614021	gear grinding or gear finishing machines: ----Single or double wheel disc type gear grinder	Free			
84614022	gear grinding or gear finishing machines: ----Formed wheel gear grinder	Free			
84614023	gear grinding or gear finishing machines: ----Gear shaver	Free			
84614024	gear grinding or gear finishing machines: ----Gear tooth, rounding, chamfering or burring	Free			
84614025	gear grinding or gear finishing machines: ----Gear shaper, spur and helical	Free			
84614026	gear grinding or gear finishing machines: ----Gear hobber, spur and helical	Free			
84614029	gear grinding or gear finishing machines: ----Other	Free			
846150	Sawing or cutting-off machines				
84615011	Sawing machines: ----Band saw, horizontal	Free			

84615012	Sawing machines: ----Band saw, vertical	Free			
84615013	Sawing machines: ----Circular saw, cold	Free			
84615014	Sawing machines: ----Circular saw, hot	Free			
84615015	Sawing machines: ----Hack saw	Free			
84615019	Sawing machines: ----Other	Free			
84615021	Cutting-off machines: ----Abrasive wheel cutting-off machines	Free			
84615029	Cutting-off machines: ----Other	Free			
84619000	Other	Free			
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-TOLENGTH 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				
84621100	Hot forming machines for forging, die forging (including presses) and hot hammers: - - Closed die forging machines	Free			
84621900	Hot forming machines for forging, die forging (including presses) and hot hammers: - - Other	Free			

84622200	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Profile forming machines	Free			
84622300	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Numerically controlled press brakes	Free			
84622400	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Numerically controlled panel benders	Free			
84622500	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Numerically controlled roll forming machines	Free			
84622600	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Other numerically controlled bending, folding, straightening or flattening machines	Free			
84622900	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Other	Free			
84623200	Slitting lines, cut-to-length lines and other shearing machines (excluding presses) for flat products, other than combined punching and shearing machines: - - Slitting lines and cut-to-length lines	Free			
84623300	Slitting lines, cut-to-length lines and other shearing machines (excluding presses) for flat	Free			

	products, other than combined punching and shearing machines: - - Numerically controlled shearing machines				
84623900	Slitting lines, cut-to-length lines and other shearing machines (excluding presses) for flat products, other than combined punching and shearing machines: - - Other	Free			
84624200	Punching, notching or nibbling machines (excluding presses) for flat products including combined punching and shearing machines: - - Numerically controlled	Free			
84624900	Punching, notching or nibbling machines (excluding presses) for flat products including combined punching and shearing machines: - - Other	Free			
84625100	Machines for working tube, pipe, hollow section and bar (excluding presses): - - Numerically controlled	Free			
84625900	Machines for working tube, pipe, hollow section and bar (excluding presses): - - Other	Free			
84626100	Cold metal working presses: - - Hydraulic presses	Free			
84626200	Cold metal working presses: - - Mechanical presses	Free			
84626300	Cold metal working presses: - - Servo-presses	Free			
84626900	Cold metal working presses: - - Other	Free			
84629000	Cold metal working presses: - Other	Free			

8463	Other machine-tools for working metal or cermets, without removing material.				
846310	Draw-benches for bars, tubes, profiles, wire or the like				
84631010	Wire and metal ribbon drawing machines	Free			
84631020	Other wire making machines	Free			
84631030	Tube drawing machines	Free			
84631090	Other	Free			
84632000	Thread rolling machines	Free			
846330	Machines for working wire				
84633010	Wire grill or knitting machine	Free			
84633020	Spring coiling	Free			
84633030	Chain making	Free			
84633040	Nail-making machine	Free			
846390	Other				
84639010	Riveting machines (excluding portable hand)	Free			
84639020	Strip profiling	Free			
84639030	Seaming machine for example for cans	Free			
84639090	Other	Free			

8464	Machine-tools for working stone, ceramics, concrete, asbestoscement or like mineral materials or for cold working glass.				
846410	Sawing machines				
84641010	Granite cutting machines or equipment	Free			
84641090	Other	Free			
84642000	Grinding or polishing machines	Free			
84649000	Other	Free			
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.				
84651000	Machines which can carry out different types of machining operations without tool change between such operations	Free			
84652000	Machining centres	Free			
84659100	Other : -- Sawing machines	Free			
84659200	Other : -- Planing, milling or moulding (by cutting) machines	Free			
84659300	Other : -- Grinding, sanding or polishing machines	Free			
84659400	Other : -- Bending or assembling machines	Free			
84659500	Other : -- Drilling or morticing machines	Free			

84659600	Other : -- Splitting, slicing or paring machines	Free			
846599	Other : -- Other				
84659910	Lathes	Free			
84659990	Other	Free			
8466	Parts and accessories suitable for use solely or principally with the machines of headings 84.56 to 84.65, including work or tool holders, self-opening dieheads, dividing heads and other special attachments for the machines; tool holders for any type of tool for working in the hand.				
846610	Tool holders and self-opening dieheads				
84661010	Tool holders	Free			
84661020	Self-opening dieheads	Free			
84662000	Work holders	Free			
846630	Dividing heads and other special attachments for machines				
84663010	Chucks	Free			
84663020	Jigs and fixtures	Free			
84663090	Other	Free			
84669100	Other : -- For machines of heading 84.64	Free			
84669200	Other : -- For machines of heading 84.65	Free			

846693	Other : -- For machines of headings 84.56 to 84.61				
84669310	Parts and accessories of machine tools, for working metals	Free			
84669390	Other	Free			
84669400	Other : -- For machines of heading 84.62 or 84.63	Free			
8467	Tools for working in the hand, pneumatic, hydraulic or with self-contained electric or non-electric motor.				
846711	Pneumatic : -- Rotary type (including combined rotary-percussion)				
84671110	Drills	Free			
84671120	Hammers	Free			
84671190	Others	Free			
84671900	Pneumatic : -- Other	Free			
84672100	With self-contained electric motor : -- Drills of all kinds	Free			
84672200	With self-contained electric motor : -- Saws	Free			
84672900	With self-contained electric motor : -- Other	Free			
84678100	Other tools : -- Chain saws	Free			
846789	Other tools : -- Other				



84678910	Compressed air grease guns, lubricators and similar appliances	Free			
84678920	Vibrators	Free			
84678990	Other	Free			
84679100	Parts : -- Of chain saws	Free			
84679200	Parts : -- Of pneumatic tools	Free			
84679900	Parts : -- Other	Free			
8468	Machinery and apparatus for soldering, brazing or welding, whether or not capable of cutting, other than those of heading 85.15; gas-operated surface tempering machines and appliances.				
84681000	Hand-held blow pipes	Free			
846820	Other gas-operated machinery and apparatus				
84682010	Welding or cutting machines	Free			
84682090	Other	Free			
84688000	Other machinery and apparatus	Free			
84689000	Parts	Free			
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.				
84701000	Electronic calculators capable of operation without an external source of electric power and pocket-size data recording, reproducing and displaying machines with calculating functions	Free			
84702100	Other electronic calculating machines : -- Incorporating a printing device	Free			
84702900	Other electronic calculating machines : -- Other	Free			
84703000	Other calculating machines	Free			
847050	Cash registers				
84705010	Electrically operated	Free			
84705020	Manually operated	Free			
847090	Other				
84709010	Electrically operated	Free			
84709020	Manually operated	Free			
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.				
847130	Portable automatic data processing machines, weighing not more than 10 kg, consisting of at least a central processing unit, a keyboard and				

	a display				
84713010	Personal computer	Free			
84713090	Other	Free			
847141	Other automatic data processing machines : -- Comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined				
84714110	Micro computer	Free			
84714120	Large or main frame computer	Free			
84714190	Other	Free			
84714900	Other automatic data processing machines : -- Other, presented in the form of systems	Free			
84715000	Processing units other than those of subheading 8471.41 or 8471.49, whether or not containing in the same housing one or two of the following types of unit : storage units, input units, output units	Free			
847160	Input or output units, whether or not containing storage units in the same housing				
84716010	Combined input or out put units	Free			
84716024	Printer: ----Graphic printer	Free			
84716025	Printer: ----Plotter	Free			
84716029	Printer: ----Other	Free			

84716040	Printer: ----Keyboard	Free			
84716050	Printer: ----Scanners	Free			
84716060	Printer: ----Mouse	Free			
84716090	Printer: ----Other	Free			
847170	Storage units				
84717010	Floppy disc drives	Free			
84717020	Hard disc drives	Free			
84717030	Removable or exchangeable disc drives	Free			
84717040	Magnetic tape drives	Free			
84717050	Cartridge tape drive	Free			
84717060	CD-ROM drive	Free			
84717070	Digital video disc drive	Free			
84717090	Other	Free			
84718000	Other units of automatic data processing machines	Free			
84719000	Other	Free			
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).				
84721000	Duplicating machines	Free			
84723000	Machines for sorting or folding mail or for inserting mail in envelopes or bands, machines for opening, closing or sealing mail and machines for affixing or cancelling postage stamps	Free			
847290	Other				
84729010	Stapling machines (staplers)	Free			
84729020	Digital duplicator	Free			
84729030	Automatic Teller Machines	Free			
84729040	Coin sorting machines, coin-counting or wrapping machines	Free			
84729091	Other: ----Word-processing machines	Free			
84729092	Other: ----Automatic typewriters	Free			
84729093	Other: ----Braille typewriters, electric	Free			
84729094	Other: ----Braille typewriters, non-electric	Free			
84729095	Other: ----Other typewriters, electric or non-electric	Free			
84729099	Other: ----Other	Free			
8473	Parts and accessories (other than covers, carrying cases and the like) suitable for use				

	solely or principally with machines of headings 84.70 to 84.72.				
84732100	Parts and accessories of the machines of heading 84.70 : -- Of the electronic calculating machines of subheading 8470.10,	Free			
84732900	Parts and accessories of the machines of heading 84.70 : -- Other	Free			
847330	Parts and accessories of the machines of heading 84.71				
84733010	Microprocessors	Free			
84733020	Motherboards	Free			
84733030	Other mounted printed circuit boards	Free			
84733040	Head stack	Free			
84733091	Other: ----Network access controllers	Free			
84733092	Other: ----Graphic and intelligence based Script Technology (GIST) cards for multilingual computers	Free			
84733099	Other: ----Other	Free			
847340	Parts and accessories of the machines of heading 84.72				
84734010	Parts of duplicating, hectograph or stencil machines	Free			
84734090	Other	Free			

84735000	Parts and accessories equally suitable for use with the machines of two or more of the headings 84.70 to 84.72	Free			
8474	Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid (including powder or paste) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand.				
847410	Sorting, screening, separating or washing machines				
84741010	For coal	Free			
84741090	Other	Free			
847420	Crushing or grinding machines				
84742010	For stone and mineral	Free			
84742020	For coal	Free			
84742090	Other	Free			
847431	Mixing or kneading machines : -- Concrete or mortar mixers				
84743110	Concrete mixers	Free			
84743120	Mortar mixers	Free			

84743200	Mixing or kneading machines : -- Machines for mixing mineral substances with bitumen	Free			
84743900	Mixing or kneading machines : -- Other	Free			
847480	Other machinery				
84748010	Brick and tile making machinery	Free			
84748020	Ceramic and clay making machinery	Free			
84748030	Machinery for forming foundry moulds of sand	Free			
84748090	Other	Free			
84749000	Parts	Free			
8475	Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes; machines for manufacturing or hot working glass or glassware.				
84751000	Machines for assembling electric or electronic lamps, tubes or valves or flashbulbs, in glass envelopes	Free			
84752100	Machines for manufacturing or hot working glass or glassware : -- Machines for making optical fibres and preforms thereof	Free			
84752900	Machines for manufacturing or hot working glass or glassware : -- Other	Free			
84759000	Parts	Free			
8476	Automatic goods-vending machines (for example, postage stamp, cigarette, food or				



	beverage machines), including moneychanging machines.				
847621	Automatic beverage-vending machines : -- Incorporating heating or refrigerating devices				
84762110	Incorporating refrigerating devices	Free			
84762120	Incorporating heating devices	Free			
84762900	Automatic beverage-vending machines : -- Other	Free			
847681	Other machines : -- Incorporating heating or refrigerating devices				
84768110	Incorporating refrigerating devices	Free			
84768120	Incorporating heating devices	Free			
847689	Other machines : -- Other				
84768910	Money changing machines	Free			
84768920	Postage stamps vending machines	Free			
84768930	Cigarette vending machines	Free			
84768990	Other	Free			
847690	Parts				
84769010	Of machines of sub-heading 847621	Free			
84769090	Other	Free			

8477	Machinery for working rubber or plastics or for the manufacture of products from these materials, not specified or included elsewhere in this Chapter.				
84771000	Injection-moulding machines	Free			
84772000	Extruders	Free			
84773000	Blow moulding machines	Free			
84774000	Vacuum moulding machines and other thermoforming machines	Free			
84775100	Other machinery for moulding or otherwise forming : -- For moulding or retreading pneumatic tyres or for moulding or otherwise forming inner tubes	Free			
84775900	Other machinery for moulding or otherwise forming : -- Other	Free			
847780	Other machinery				
84778010	Machinery for making rubber goods	Free			
84778090	Other	Free			
84779000	Parts	Free			
8478	Machinery for preparing or making up tobacco, not specified or included elsewhere in this Chapter.				
847810	Machinery				
84781010	Cigar making machinery	Free			

84781020	Cigarette making machinery	Free			
84781090	Other	Free			
84789000	Parts	Free			
8479	Machines and mechanical appliances having individual functions, not specified or included elsewhere in this Chapter.				
84791000	Machinery for public works, building or the like	Free			
847920	Machinery for the extraction or preparation of animal or fixed vegetable or microbial fats or oils				
84792010	Oil seed crushing or grinding machinery including purifying tanks	Free			
84792090	Other	Free			
84793000	Presses for the manufacture of particle board or fibre building board of wood or other ligneous materials and other machinery for treating wood or cork	Free			
84794000	Rope or cable-making machines	Free			
84795000	Industrial robots, not elsewhere specified or included	Free			
84796000	Evaporative air coolers	Free			
84797100	Passenger boarding bridges : -- Of a kind used in airports	Free			
84797900	Passenger boarding bridges : -- Other	Free			

84798100	Other machines and mechanical appliances : - - For treating metal, including electric wire coil-winders	Free			
84798200	Other machines and mechanical appliances : - - Mixing, kneading, crushing, grinding, screening, sifting, homogenising, emulsifying or stirring machines	Free			
84798300	Cold metal working presses: - - Cold isostatic presses	Free			
847989	Other machines and mechanical appliances : - - Other				
84798910	Soap cutting or moulding machinery	Free			
84798920	Air humidifiers or dehumidifiers (other than those falling under heading 8415 or 8424)	Free			
84798930	Mechanical shifting machines	Free			
84798940	Ultrasonic Transducers	Free			
84798950	Car washing machines and related appliances	Free			
84798960	Coke oven plants	Free			
84798970	Machinery for the manufacture of chemical and pharmaceuticals goods	Free			
84798980	Machinery for use in goods of Chapter 88 or 89	Free			
84798992	Other: ----Briquetting plant and machinery intended for manufacture of briquettes from agricultural and municipal waste	Free			

84798999	Other: ----Other	Free			
847990	Parts				
84799010	Of machines for public works, building or the like	Free			
84799020	Of machines for the extraction of animal or fruit and vegetable fats or oil	Free			
84799030	Of machines and mechanical appliances for treating wood	Free			
84799040	Of machinery used for manufacture of chemicals and pharmaceuticals	Free			
84799090	Other	Free			
8480	Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (other than ingot moulds), metal carbides, glass, mineral materials, rubber or plastics.				
84801000	Moulding boxes for metal foundry	Free			
84802000	Mould bases	Free			
84803000	Moulding patterns	Free			
84804100	Moulds for metal or metal carbides : -- Injection or compression types	Free			
84804900	Moulds for metal or metal carbides : -- Other	Free			
84805000	Moulds for glass	Free			
84806000	Moulds for mineral materials	Free			

84807100	Moulds for rubber or plastics : -- Injection or compression types	Free			
84807900	Moulds for rubber or plastics : -- Other	Free			
8481	Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, including pressure-reducing valves and thermostatically controlled valves.				
84811000	Pressure-reducing valves	Free			
84812000	Valves for oleohydraulic or pneumatic transmissions	Free			
84813000	Check (nonreturn) valves	Free			
84814000	Safety or relief valves	Free			
848180	Other appliances				
84818010	Taps, cocks and similar appliances of iron or steel	Free			
84818020	Taps, cocks and similar appliances of non-ferrous metal	Free			
84818030	Industrial valves (excluding pressure-reducing valves, and thermostatically controlled valves)	Free			
84818041	Inner tube valves: ----For Bicycles	Free			
84818049	Inner tube valves: ----Other	Free			
84818050	Inner tube valves: ----Expansion valves and solenoid valves for refrigerating and air conditioning appliances and machinery	Free			

84818090	Inner tube valves: ----Other	Free			
848190	Parts				
84819010	Bicycles valves	Free			
84819090	Other	Free			
8482	Ball or roller bearings.				
848210	Ball bearings				
84821011	Not exceeding 50mm of bore diameter	Free			
84821012	Adapter ball bearings (radial type): ----Of bore diameter exceeding 50 mm but not exceeding 100 mm	Free			
84821013	Adapter ball bearings (radial type): ----Of bore diameter exceeding 100 mm	Free			
84821020	Adapter ball bearings (radial type): ----Other ball bearing (radial type) of bore diameter not exceeding 50mm	Free			
84821030	Adapter ball bearings (radial type): ----Other ball bearing (radial type) of bore diameter exceeding 50mm but not exceeding 100 mm	Free			
84821040	Adapter ball bearings (radial type): ----Of bore diameter exceeding 100mm	Free			
84821051	Thrust ball bearings: ----Of bore diameter not exceeding 50mm	Free			
84821052	Thrust ball bearings: ----Of bore diameter exceeding 50 mm but not exceeding 100 mm	Free			

84821053	Thrust ball bearings: ----Of bore diameter exceeding 100 mm	Free			
84821090	Thrust ball bearings: ----Other	Free			
848220	Tapered roller bearings, including cone and Tapered roller assemblies				
84822011	Tapered roller bearings (radial type): ----Of bore diameter not exceeding 50 mm	Free			
84822012	Tapered roller bearings (radial type): ----Of bore diameter exceeding 50 mm but not exceeding 100 mm	Free			
84822013	Tapered roller bearings (radial type): ----Of bore diameter exceeding 100 mm	Free			
84822090	Tapered roller bearings (radial type): ----Other	Free			
84823000	Spherical roller bearings	Free			
84824000	Needle roller bearings, including cage and needle roller assemblies	Free			
84825000	- Other cylindrical roller bearings, including cage and roller assemblies	Free			
84828000	Other, including combined ball/roller bearings	Free			
848291	Parts : -- Balls, needles and rollers				
84829111	Balls: ----Of nickel alloys	Free			
84829112	Balls: ----Of tungsten carbide	Free			
84829113	Balls: ----Of special stainless steel	Free			



84829114	Balls: ----Of high speed steel	Free			
84829119	Balls: ----Other	Free			
84829120	Balls: ----Needles	Free			
84829130	Balls: ----Rollers	Free			
84829900	Parts : -- Other	Free			
8483	Transmission shafts (including cam shafts and crank shafts) and cranks; bearing housings and plain shaft bearings; gears and gearing; ball or roller screws; gear boxes and other speed changers, including torque converters; flywheels and pulleys, including pulley blocks; clutches and shaft couplings (including universal joints).				
848310	Transmission shafts (including cam shafts and crank shafts) and cranks				
84831010	Crank shafts for sewing machines	Free			
84831091	Other: ----Crank shaft for engine of heading 8407	Free			
84831092	Other: ----Crank shaft for engine of heading 8408	Free			
84831099	Other: ----Other	Free			
84832000	Bearing housings, incorporating ball or roller bearings	Free			
84833000	Bearing housings, not incorporating ball or roller bearings; plain shaft bearings	Free			

84834000	Gears and gearing, other than toothed wheels, chain sprockets and other transmission elements presented separately; ball or roller screws; gear boxes and other speed changers, including torque converters	Free			
848350	Flywheels and pulleys, including pulley blocks				
84835010	Pulleys, power transmission	Free			
84835090	Other	Free			
848360	Clutches and shaft couplings (including universal joints)				
84836010	Flexible coupling	Free			
84836020	Fluid coupling	Free			
84836090	Other	Free			
84839000	Toothed wheels, chain sprockets and other transmission elements presented separately; parts	Free			
8484	Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal; sets or assortments of gaskets and similar joints, dissimilar in composition, put up in pouches, envelopes or similar packings; mechanical seals.				
848410	Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal				
84841010	Asbestos metallic packings and gaskets	Free			

	(excluding gaskets of asbestos board reinforced with metal gauze or wire)				
84841090	Other	Free			
84842000	Mechanical seals	Free			
84849000	Other	Free			
8485	MACHINES FOR ADDITIVE MANUFACTURING				
84851000	By metal deposit	Free			
84852000	By plastics or rubber deposit	Free			
84853000	By plaster, cement, ceramics or glass deposit	Free			
84858000	Other	Free			
84859000	Parts	Free			
8486	MACHINES AND APPARATUS OF A KIND USED SOLELY SEMICONDUCTOR BOULES OR WAFERS, SEMICONDUCTOR DEVICES, ELECTRONIC INTEGRATED CIRCUITS OR FLAT PANEL DISPLAYS; MACHINES AND APPARATUS SPECIFIED IN NOTE 11(C) TO THIS CHAPTER; PARTS AND ACCESSORIES				
84861000	Machines and apparatus for the manufacture of boules or wafers	Free			
84862000	Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits	Free			

84863000	Machines and apparatus for the manufacture of flat panel displays	Free			
84864000	Machines and apparatus specified in Note 11(c) to this Chapter	Free			
84869000	Parts and accessories	Free			
8487	Machinery parts, not containing electrical connectors, insulators, coils, contacts or other electrical features, not specified or included elsewhere in this Chapter.				
84871000	Ships or boats propellers and blades therefor	Free			
84879000	Other	Free			