

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

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

Main Notes			
Sl.No.	Notes	Notification Date	Notification No
1	Vintage motor cars and vintage motor cycles including their parts and components are restricted. For details please see chapter 87		

Product Description and Import 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		
84012000	Machinery and apparatus for isotopic separation, and parts thereof		
84013000	Fuel elements (cartridges), non-irradiated		
84014000	Parts of nuclear reactors		
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		
84021200	Steam or other vapour generating boilers : -- Watertube boilers with a steam production not 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		
84021920	Fire tube boilers vertical		
84021990	Other		
84022000	Super-heated water boilers		

840290	Parts		
84029010	Parts of fire tube boilers		
84029020	Parts of water tube boilers		
84029090	Other		
8403	Central heating boilers other than those of heading 84.02.		
84031000	Boilers		
84039000	Parts		
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		
84042000	Condensers for steam or other vapour power units		
840490	Parts		
84049000	Parts		
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		
84051020	Acetylene gas generators		

84051090	Other		
84059000	Parts		
8406	Steam turbines and other vapour turbines.		
84061000	Turbines for marine propulsion		
84068100	Other turbines : -- Of an output exceeding 40 MW		
84068200	Other turbines : -- Of an output not exceeding 40 MW		
840690	Other turbines :- Parts		
84069000	Other turbines : - Parts		
8407	Spark-ignition reciprocating or rotary internal combustion piston engines.		
84071000	Aircraft engines		
84072100	Marine propulsion engines -- Outboard motors		
84072900	Marine propulsion engines -- other		
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		
84073190	Other		
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		

84073290	Other		
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		
84073320	For motor cycles		
84073390	Other		
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		
84073490	Other		
840790	Other engines		
84079010	Petrol engines		
84079020	Kerosene engines		
84079090	Other		
8408	Compression-ignition internal combustion piston engines (diesel or semi-diesel engines).		
840810	Marine propulsion engines		
84081010	Outboard engines		
84081091	Other: ----Of a cylinder capacity not exceeding 100 cc		
84081092	Other: ----Of a cylinder capacity exceeding 100 cc but not exceeding 250 cc		

84081093	Other: ----Of a cylinder capacity exceeding 250 cc		
840820	Engines of a kind used for the propulsion of vehicles of Chapter 87		
84082010	Of cylinder capacity not exceeding 250 cc		
84082020	Engines of cylinder capacity exceeding 250 cc		
840890	Other engines		
84089010	Stationary engines of cylinder capacity exceeding 50 cc		
84089090	Other		
8409	Parts suitable for use solely or principally with the engines of		
84091000	For aircraft engines		
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		
84099112	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Pistons		
84099113	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Piston rings		
84099114	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Piston assemblies		
84099120	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Fuel injection equipment excluding injection pumps other		
84099191	Other: ----Of petrol engines for motor vehicles		
84099192	Other: ----Of other petrol engines		

84099193	Other: ----Of kerosene engines		
84099194	Other: ----Of gas engines		
84099199	Other: ----Other		
840999	Other : -- Other		
84099911	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Valve, inlet and exhaust		
84099912	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Pistons		
84099913	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Piston rings		
84099914	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Piston assemblies		
84099920	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Fuel nozzles		
84099930	Valves, inlet and exhaust, piston, piston rings, piston assemblies: ----Fuel injection equipment excluding injection pumps Other parts of diesel engine:		
84099941	Other parts of diesel engine: ----Of diesel engines for motor vehicles		
84099942	Other parts of diesel engine: ----Of outboard engine		
84099949	Other parts of diesel engine: ----Other		
84099990	Other parts of diesel engine: ----Other		
8410	Hydraulic turbines, water wheels, and regulators therefor.		
84101100	Hydraulic turbines and water wheels : -- Of a power not exceeding 1,000 kW		
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		
84101220	Of power exceeding 5000 Kw but not exceeding 10000 Kw		
841013	Hydraulic turbines and water wheels : -- Of a power exceeding 10,000 kW		
84101310	Of power exceeding 10000 Kw but not exceeding 30000 Kw		
84101320	Of power exceeding 30000 Kw but not exceeding 80000 Kw		
84101390	Of power exceeding 80000 Kw		
84109000	Parts, including regulators		
8411	Turbo-jets, turbo-propellers and other gas turbines.		
84111100	Turbo-jets : -- Of a thrust not exceeding 25 kN		
84111200	Turbo-jets : -- Of a thrust exceeding 25 kN		
84112100	Turbo-propellers : -- Of a power not exceeding 1,100 kW		
84112200	Turbo-propellers : -- Of a power exceeding 1,100 kW		
84118100	Other gas turbines : -- Of a power not exceeding 5,000 kW		
841182	Other gas turbines : -- Of a power exceeding 5,000 kW		
84118210	Of power exceeding 5000 Kw but not exceeding 15,000 Kw		
84118220	Of power exceeding 15000 but not exceeding 30000 Kw		
84118230	Of power exceeding 30000 but not exceeding 60000 Kw		
84118240	Of power exceeding 60000 but not exceeding 90000 Kw		

84118250	Of power exceeding 90000 but not exceeding 115000 Kw		
84118260	Of power exceeding 115000 Kw		
84119100	Parts : -- Of turbo-jets or turbo-propellers		
84119900	Parts : -- Other		
8412	Other engines and motors.		
84121000	Reaction engines other than turbo-jets		
84122100	Hydraulic power engines and motors : -- Linear acting (cylinders)		
841229	Hydraulic power engines and motors : -- Other		
84122910	Hydrojet (hydraulic jet engines)		
84122990	Other		
84123100	Pneumatic power engines and motors : -- Linear acting (cylinders)		
84123900	Pneumatic power engines and motors : -- Other		
841280	Other		
84128011	Steam or other vapour power: ----Stationary		
84128019	Steam or other vapour power: ----Other		
84128020	Steam or other vapour power: ----Motors, spring operated excluding clock and watch movements		
84128030	Steam or other vapour power: ----Wind turbine or engine		
84128090	Steam or other vapour power: ----Other		

841290	Parts		
84129010	Of steam engines incorporating boilers		
84129020	Of other steam engines and other vapour power units not incorporating boilers		
84129030	Of hydraulic engines and motors		
84129090	Other		
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		
84131191	other: ----Pumps for dispensing fuel		
84131199	other: ----Other		
841319	Pumps fitted or designed to be fitted with a measuring device : -- Other		
84131910	other: ----Hand pumps		
84131990	other ----Other		
84132000	Hand pumps, other than those of subheading 8413.11 or 8413.19		
841330	Fuel, lubricating or cooling medium pumps for internal combustion piston engines		
84133010	Injection pumps for diesel engines		
84133020	Oil pump		
84133030	Water pump		

84133090	Other		
84134000	Concrete pumps		
841350	Other reciprocating positive displacement pumps		
84135010	Metering and dosing pumps		
84135021	Primarily designed for handling water: ----Deep tube well turbine pump		
84135029	Primarily designed for handling water: ----Other		
84135090	Primarily designed for handling water: ----Other		
841360	Other rotary positive displacement pumps		
84136010	Gear type pumps		
84136020	Screw type pumps		
84136090	Other		
841370	Other centrifugal pumps		
84137010	Primarily designed to handle water		
84137091	other ----Single and multistage chemical process pumps		
84137092	other ----Horizontal split casing pumps		
84137093	other ----Horizontal self priming pumps		
84137094	other ----Vertical turbine driven pumps		
84137095	other ----Boiler feed pumps		

84137096	other ----Slurry pumps		
84137097	other ----Dredger pumps		
84137099	other ----Other		
841381	Other pumps; liquid elevators : -- Pumps		
84138110	Gas pumps		
84138120	Hydraulic ram		
84138130	Axial flow and mixed flow vertical pump designed primarily for handling water		
84138190	Other		
84138200	Other pumps; liquid elevators : -- Liquid elevators		
841391	Parts : -- Of pumps		
84139110	Of reciprocating pumps		
84139120	Of centrifugal pumps		
84139130	Of deep well turbine pumps and of other rotary pumps		
84139140	Of hand pump for handling water		
84139190	Other		
84139200	Parts : -- Of liquid elevators		
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 ³ /h (under standard temperature (273 K (0 °C)) and pressure (101.3 kPa) conditions)		
84141090	Other		
841420	Hand- or foot-operated air pumps		
84142010	Bicycle pumps		
84142020	Other Hand pumps		
84142090	Other		
84143000	Compressors of a kind used in refrigerating equipment		
841440	Air compressors mounted on a wheeled chassis for towing		
84144010	Reciprocating air compressors		
84144020	Centrifugal air compressors		
84144030	Screw air compressors		
84144090	Other:		
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		
84145120	Ceiling fans		
84145130	Pedestal fans		

84145140	Railway carriage fans		
84145150	Wall Fans		
84145190	Other		
841459	Fans : -- Other		
84145910	Air circulator		
84145920	Blowers, portable		
84145930	Industrial fans and blowers		
84145990	Other		
84146000	Hoods having a maximum horizontal side not exceeding 120 cm		
84147000	Gas-tight biological safety cabinets		
841480	Other		
84148011	Gas compressors: ----Of a kind used in air-conditioning equipment		
84148019	Gas compressors: ----Other		
84148020	Gas compressors: ----Free-piston generators for gas turbine		
84148030	Gas compressors: ----Turbo charger		
84148090	Gas compressors: ----Other		
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		

84149012	Of air or Vacuum pumps and compressors: ----Of bicycle pumps		
84149019	Of air or Vacuum pumps and compressors: ----Other		
84149020	Of air or Vacuum pumps and compressors: ----Of free piston generators		
84149030	Of air or Vacuum pumps and compressors: ----Of electric fans		
84149040	Of air or Vacuum pumps and compressors: ----Of Industrial fan, blowers		
84149090	Of air or Vacuum pumps and compressors: ----Other		
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		
84151090	Other		
841520	Of a kind used for persons, in motor vehicles		
84152010	For buses		
84152090	Other other		
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		
84158190	Other		

841582	Other : -- Other, incorporating a refrigerating unit		
84158210	Split air-conditioner two tones and above		
84158290	Other		
841583	Other : -- Not incorporating a refrigerating unit		
84158310	Split air-conditioner two tones and above		
84158390	Other		
84159000	Parts		
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		
84162000	Other furnace burners, including combination burners		
84163000	Mechanical stokers, mechanical grates, mechanical ash dischargers and similar appliances		
84169000	Parts		
8417	Industrial or laboratory furnaces and ovens, including incinerators, non-electric.		
84171000	Furnaces and ovens for the roasting, melting or other heat-treatment of ores, pyrites or of metals		
84172000	Bakery ovens, including biscuit ovens		
841780	Other		
84178010	For cement industry		

84178090	Other		
84179000	Parts		
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		
84181090	Other		
84182100	Refrigerators, household type : -- Compression-type		
84182900	Refrigerators, household type : -- Other		
841830	Freezers of the chest type, not exceeding 800 l capacity		
84183010	Electrical commercial type		
84183090	Other		
841840	Freezers of the upright type, not exceeding 900 l capacity		
84184010	Electrical		
84184090	Other		
84185000	Other furniture (chests, cabinets, display counters, show-cases and the like) for storage and display, incorporating refrigerating or freezing equipment		
84186100	Other refrigerating or freezing equipment; heat pumps : -- Heat pumps other than air conditioning machines of heading 84.15		

841869	Other refrigerating or freezing equipment; heat pumps : -- Other		
84186910	Ice making machinery		
84186920	Water cooler		
84186930	Vending machine, other than automatic vending machine		
84186940	Refrigeration equipment or devices specially used in leather industries for manufacturing of leather articles		
84186950	Refrigerated farm tanks, industrial ice cream freezer		
84186990	Other		
84189100	Parts : -- Furniture designed to receive refrigerating or freezing equipment		
84189900	Parts : -- Other		
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		
84191190	Other		
84191200	Solar water heaters		
841919	Instantaneous or storage water heaters, non-electric : -- Other		

84191910	Domestic type		
84191920	Other		
841920	Medical, surgical or laboratory sterilisers		
84192010	Auto claves		
84192090	Other		
84193300	Lyophilisation apparatus, freeze drying units and spray dryers		
84193400	Other, for agricultural products		
84193500	Other, for wood, paper pulp, paper or paperboard		
84193900	Dryers : -- Other		
841940	Distilling or rectifying plant		
84194010	For Petroleum refining		
84194020	Other distilling equipment		
84194090	Other		
841950	Heat exchange units		
84195011	with a heat transfer surface area of greater than 0.15 m ² , and less than 20 m ² :----Shell and tube type		
84195012	with a heat transfer surface area of greater than 0.15 m ² , and less than 20 m ² :----Plate type		
84195013	with a heat transfer surface area of greater than 0.15 m ² , and less than 20 m ² :----Spiral type		

84195019	with a heat transfer surface area of greater than 0.15 m ² , and less than 20 m ² :----Other		
84195091	Other :----Shell and tube type		
84195092	Other :----Plate type		
84195093	Other :----Spiral type		
84195099	Other :----Other		
84196000	Machinery for liquefying air or other gases		
841981	Other machinery, plant and equipment : -- For making hot drinks or for cooking or heating food		
84198110	Friers		
84198120	Other kitchen machines		
84198190	Other		
841989	Other machinery, plant and equipment : -- Other		
84198911	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Pressure vessels		
84198912	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Reactors with total internal (geometric) volume greater than 0.1 m ³ (100 l) and less than 20 m ³ (20000 l)		
84198913	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Other reactors		

84198914	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Distillation or absorption columns of internal diameter greater than 0.1 m		
84198915	Pressure vessels, reactors, columns or towers 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 ³ (100 l)		
84198917	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Other chemical storage tanks		
84198919	Pressure vessels, reactors, columns or towers or chemical storage tanks :----Other		
84198920	Glass lined equipment		
84198930	Auto claves other than for cooking or heating food, not elsewhere specified or included		
84198940	Cooling towers and similar plants for direct cooling (without a separating wall) by means of recirculated water		
84198950	Pasteurizers		
84198960	Plant growth chambers and rooms and tissue culture chambers and rooms having temperature, humidity or light control		
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		
84198980	Vaccum-vapour plant for deposition of metals		
84198990	Other		

841990	Parts		
84199010	Parts of instantaneous or storage water heaters (domestic type)		
84199090	Other		
8420	Calendering or other rolling machines, other than for metals or glass, and cylinders therefor.		
84201000	Calendering or other rolling machines		
84209100	Parts : -- Cylinders		
84209900	Parts : -- Other		
8421	Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases.		
84211100	Centrifuges, including centrifugal dryers : -- Cream separators		
84211200	Centrifuges, including centrifugal dryers : -- Clothes-dryers		
842119	Centrifuges, including centrifugal dryers : -- Other		
84211910	Bowl centrifuges		
84211920	Basket centrifuges		
84211930	Continuous automatic centrifuges		
84211940	Self cleaning centrifuges		
84211950	Decanter centrifuges horizontal bowl		
84211960	Screw conveyor centrifuges		
84211991	other ----For chemical industries		

84211999	other ----Other		
842121	Filtering or purifying machinery and apparatus for liquids : -- For filtering or purifying water		
84212110	Ion exchanger plant or apparatus		
84212120	Household type filters		
84212190	Other		
84212200	Filtering or purifying machinery and apparatus for liquids : -- For filtering or purifying beverages other than water		
84212300	Filtering or purifying machinery and apparatus for liquids : -- Oil or petrol-filters for internal combustion engines		
84212900	Filtering or purifying machinery and apparatus for liquids : -- Other		
84213100	Filtering or purifying machinery and apparatus for gases : -- Intake air filters for internal combustion engines		
84213200	Catalytic converters or particulate filters, whether or not combined, for purifying or filtering exhaust gases from internal 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		
84213920	Air purifiers or cleaners		
84213990	Other		
84219100	Parts : -- Of centrifuges, including centrifugal dryers		
84219900	Parts : -- Other		

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		
84221900	Dish washing machines : -- Other		
84222000	Machinery for cleaning or drying bottles or other containers		
84223000	Machinery for filling, closing, sealing, or labelling bottles, cans, boxes, bags or other containers; machinery for capsuling bottles, jars, tubes and similar containers; machinery for aerating beverages		
84224000	Other packing or wrapping machinery (including heat-shrink wrapping machinery)		
842290	Parts		
84229010	Of machinery for cleaning or drying bottles or other containers		
84229020	Of dish washing machines of household type		
84229090	Of other machinery		
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		
84232000	Scales for continuous weighing of goods on conveyors		
84233000	Constant weight scales and scales for discharging a predetermined weight of material into a bag or container, including hopper scales		
842381	Other weighing machinery : -- Having a maximum weighing capacity not exceeding 30 kg		

84238110	Beam scale		
84238190	Other		
842382	Other weighing machinery : -- Having a maximum weighing capacity exceeding 30 kg but not exceeding 5,000 kg		
84238210	Beams scale		
84238290	Other		
84238900	Other weighing machinery : -- Other		
842390	Weighing machine weights of all kinds; parts of weighing machinery		
84239010	Weighing machine weight of all kinds		
84239020	Parts of weighing machinery		
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		
84242000	Spray guns and similar appliances		
84243000	Steam or sand blasting machines and similar jet projecting machines		
84244100	Agricultural or horticultural sprayers : -- Portable sprayers		
84244900	Agricultural or horticultural sprayers : -- Other		
84248200	Other appliances : -- Agricultural or horticultural		
842489	Other appliances : -- Other		

84248910	Painting equipment including electrostatic phosphating and powder coating equipment		
84248920	Industrial bellows		
84248990	Other		
84249000	Parts		
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		
84251120	Pulley tackle		
842519	Pulley tackle and hoists other than skip hoists or hoists of a kind used for raising vehicles : - - Other		
84251910	Hoisting machine		
84251920	Pulley tackle		
84253100	Winches; capstans : -- Powered by electric motor		
84253900	Winches; capstans : -- Other		
84254100	Jacks; hoists of a kind used for raising vehicles : -- Built-in jacking systems of a type used in garages		
84254200	Jacks; hoists of a kind used for raising vehicles : -- Other jacks and hoists, hydraulic		
84254900	Jacks; hoists of a kind used for raising vehicles : -- Other		
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		
84261200	Overhead travelling cranes, transporter cranes, gantry cranes, bridge cranes, mobile lifting frames and straddle carriers : -- Mobile lifting frames on tyres and straddle carriers		
84261900	Overhead travelling cranes, transporter cranes, gantry cranes, bridge cranes, mobile lifting frames and straddle carriers : -- Other		
84262000	Tower cranes		
84263000	Portal or pedestal jib cranes		
84264100	Other machinery, self-propelled : -- On tyres		
84264900	Other machinery, self-propelled : -- Other		
84269100	Other machinery : -- Designed for mounting on road vehicles		
842699	Other machinery : -- Other		
84269910	Ropeway and telephers		
84269990	Other		
8427	Fork-lift trucks; other works trucks fitted with lifting or handling equipment.		
84271000	Self-propelled trucks powered by an electric motor		
84272000	Other self-propelled trucks		
84279000	Other trucks		
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		
84281019	Lifts: ----Other		
84281020	Lifts: ----Skip hoists		
842820	Pneumatic elevators and conveyors		
84282011	Conveyors: ----Belt conveyors		
84282019	Conveyors: ----Other		
84282020	Conveyors: ----Pneumatic Elevators		
84283100	Other continuous-action elevators and conveyors, for goods or materials : -- Specially designed for underground use		
84283200	Other continuous-action elevators and conveyors, for goods or materials : -- Other, bucket type		
84283300	Other continuous-action elevators and conveyors, for goods or materials : -- Other, belt type		
84283900	Other continuous-action elevators and conveyors, for goods or materials : -- Other		
84284000	Escalators and moving walkways		
84286000	Teleferics, chair-lifts, ski-draglines; traction mechanisms for funiculars		
84287000	Industrial robots		
842890	Other machinery		

84289010	For coal handling		
84289020	For ash handling		
84289090	Other		
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		
84291120	Bulldozers		
842919	Bulldozers and angledozers : -- Other		
84291910	Angeldozer		
84291920	Bulldozers		
84292000	Graders and levellers		
84293000	Scrapers		
842940	Tamping machines and road rollers		
84294010	Road rollers upto 5 tons capacity		
84294020	Road rollers above 5 tons capacity		
84294030	Tamping machines		
84295100	Mechanical shovels, excavators and shovel loaders : -- Front-end shovel loaders		
84295200	Mechanical shovels, excavators and shovel loaders : -- Machinery with a 360		

	degrees revolving superstructure		
84295900	Mechanical shovels, excavators and shovel loaders : -- Other		
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		
84301020	Pile-extractors		
84302000	Snow-ploughs and snow-blowers		
843031	Coal or rock cutters and tunnelling machinery : -- Self-propelled		
84303110	Coal cutters		
84303120	Tunneling machinery		
84303190	Other		
84303900	Coal or rock cutters and tunnelling machinery : -- Other		
843041	Other boring or sinking machinery : -- Self-propelled		
84304110	Tube well drilling and core drilling machinery		
84304120	Petroleum and gas well drilling machinery		
84304130	Rock drilling machinery		
84304190	Other		

84304900	Other boring or sinking machinery : -- Other		
843050	Other machinery, self-propelled		
84305010	Mining machinery (excluding coal mining)		
84305090	Other		
84306100	Other machinery, not self-propelled : -- Tamping or compacting machinery		
84306900	Other machinery, not self-propelled : -- Other		
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		
84311090	Other		
843120	Of machinery of heading 84.27		
84312010	Of fork lift trucks		
84312090	Other		
84313100	Of machinery of heading 84.28 : -- Of lifts, skip hoists or escalators		
843139	Of machinery of heading 84.28 : -- Other		
84313910	Of elevators, conveyors and moving equipments		
84313990	Other		
84314100	Of machinery of heading 84.26, 84.29 or 84.30 : -- Buckets, shovels, grabs and grips		

84314200	Of machinery of heading 84.26, 84.29 or 84.30 : -- Bulldozer or angledozer blades		
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		
84314390	Other		
843149	Of machinery of heading 84.26, 84.29 or 84.30 : -- Other		
84314910	Of road rollers, mechanically propelled		
84314920	Of ships derricks and cranes		
84314930	Of other excavating, levelling, tamping or excavating machinery for earth, mineral or ores		
84314940	Of pile driver, snow plough, not self-propelled		
84314990	Other		
8432	Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports-ground rollers.		
843210	Ploughs		
84321010	Disc ploughs		
84321020	Other tractor ploughs		
84321090	Other		
84322100	Harrows, scarifiers, cultivators, weeders and hoes : -- Disc harrows		
843229	Harrows, scarifiers, cultivators, weeders and hoes : -- Other		

84322910	Rotary hoes		
84322990	Other		
84323100	Seeders, planters and transplanters : -- No-till direct seeders, planters and transplanters		
84323900	Seeders, planters and transplanters : -- Other		
84324100	Manure spreaders and fertiliser distributors : -- Manure spreaders		
84324200	Manure spreaders and fertiliser distributors : -- Fertiliser distributors		
843280	Other machinery		
84328010	Lawn or sports-ground rollers		
84328020	Rotary tiller		
84328090	Other		
843290	Parts		
84329010	Parts of agricultural machinery falling within headings. 8432 10, 8432 21, 8432 29, 8432 30 and 8432 40		
84329090	Other		
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		

84331190	Other		
843319	Mowers for lawns, parks or sports-grounds : -- Other		
84331910	Non- powered mowers, having width of 75 cm or more		
84331990	Other		
84332000	Other mowers, including cutter bars for tractor mounting		
84333000	Other haymaking machinery		
84334000	Straw or fodder balers, including pick-up balers		
84335100	Other harvesting machinery; threshing machinery : -- Combine harvester-threshers		
84335200	Other harvesting machinery; threshing machinery : -- Other threshing machinery		
84335300	Other harvesting machinery; threshing machinery : -- Root or tuber harvesting machines		
84335900	Other harvesting machinery; threshing machinery : -- Other		
843360	Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce		
84336010	Machines for cleaning		
84336020	Machine for sorting or grading		
84339000	Parts		
8434	Milking machines and dairy machinery.		
84341000	Milking machines		
84342000	Dairy machinery		

843490	Parts		
84349010	Of milking machinery		
84349020	Of dairy machinery		
8435	Presses, crushers and similar machinery used in the manufacture of wine, cider, fruit juices or similar beverages.		
84351000	Machinery		
84359000	Parts		
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		
84362100	Poultry-keeping machinery; poultry incubators and brooders : -- Poultry incubators and brooders		
84362900	Poultry-keeping machinery; poultry incubators and brooders : -- Other		
843680	Other machinery		
84368010	Germination plant fitted with mechanical and thermal equipment		
84368090	Other		
84369100	Parts : -- Of poultry-keeping machinery or poultry incubators and brooders		
84369900	Parts : -- Other		
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		
843780	Other machinery		
84378010	Flour mill machinery		
84378020	Rice mill machinery		
84378090	Other		
843790	Parts		
84379010	Of flour mill machinery		
84379020	Of rice mill machinery		
84379090	Other		
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		
84381020	Machinery for manufacture of macaroni or spaghetti or similar products		
84382000	Machinery for the manufacture of confectionery, cocoa or chocolate		
843830	Machinery for sugar manufacture		

84383010	Sugar cane crushers		
84383090	Other		
84384000	Brewery machinery		
84385000	Machinery for the preparation of meat or poultry		
84386000	Machinery for the preparation of fruits, nuts or vegetables		
843880	Other machinery		
84388010	Auxiliary equipment for extrusion cooking plant		
84388020	For production of soya milk or other soya products (other than soya oil)		
84388030	Diffusing machines (diffusers)		
84388040	Tea leaf rolling or cutting machine		
84388090	Other		
843890	Parts		
84389010	Of sugar manufacturing machinery		
84389090	Of other machinery		
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		
84392000	Machinery for making paper or paperboard		
843930	Machinery for finishing paper or paperboard		

84393010	Paper laminating machine		
84393090	Other		
84399100	Parts : -- Of machinery for making pulp of fibrous cellulosic material		
84399900	Parts : -- Other		
8440	Book-binding machinery, including book-sewing machines.		
844010	Machinery		
84401010	Wire stitching machinery, single headed		
84401090	Other		
84409000	Parts		
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		
84411090	Other		
84412000	Machines for making bags, sacks or envelopes		
84413000	Machines for making cartons, boxes, cases, tubes, drums or similar containers, other than by moulding		
84414000	Machines for moulding articles in paper pulp, paper or paperboard		
84418000	Other machinery		

84419000	Parts		
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		
84423020	Chases		
84423090	Other		
84424000	Parts of the foregoing machinery, apparatus or 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		
84425020	Lithographic plates		
84425031	Plate, cylinder and lithographic stones prepared for printing purposes: ----Plate and cylinder for textile printing machine		
84425039	Plate, cylinder and lithographic stones prepared for printing purposes: ----Other		
84425040	Plate, cylinder and lithographic stones prepared for printing purposes: ----Highly polished copper sheets for making blocks		
84425050	Plate, cylinder and lithographic stones prepared for printing purposes: ----Highly polished zinc sheets for making process blocks		
84425090	Plate, cylinder and lithographic stones prepared for printing purposes: ----Other		

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		
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)		
84431300	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42 : -- Other offset printing machinery		
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		
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		
84431600	Printing machinery used for printing by means of plates, cylinders and other printing components of heading 84.42 : -- Flexographic printing machinery		
84431700	Printing machinery used for printing by means of plates, cylinders and other printing 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		
84431920	Platen printing presses		
84431930	Proof presses		

84431941	Machinery for printing repetitive word or design or colour: ----On cotton textile		
84431949	Machinery for printing repetitive word or design or colour: ----Other		
84431990	Other		
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		
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		
84433220	Dot matrix printer		
84433230	Letter quality daisy wheel printer		
84433240	Laser jet printer		
84433250	Ink jet printer		
84433260	Facsimile machine		
84433290	Other		
84433910	Ink-jet printing machine		
84433920	Electrostatic photocopying apparatus operated by reproducing the original image directly onto the copy (direct process)		
84433930	Electrostatic photocopying apparatus operated by reproducing the original image via and intermediate onto the copy (indirect process)		

84433940	Other photocopying apparatus incorporating an optical system		
84433950	Other photocopying apparatus of contact type		
84433960	Thermo-copying apparatus		
84433970	Facsimile machine not capable of getting connected to automatic data processing machine		
84433990	Other		
84439100	Parts and accessories : -- Parts and accessories of printing machinery used for printing by heading 84.42		
844399	Other		
84439910	Automatic documents feeders of copying machines		
84439920	Paper feeders of copying machines		
84439930	Sorters of copying machines		
84439940	Other parts of copying machines		
84439951	Parts and accessories of goods of sub-heading 8443 31, 8443 32: ----Ink cartridges, with print head assembly		
84439952	Parts and accessories of goods of sub-heading 8443 31, 8443 32: ----Ink spray nozzle		
84439959	Parts and accessories of goods of sub-heading 8443 31, 8443 32: ----Other		
84439960	Parts and accessories of goods of sub-heading 8443 31, 8443 32: ----Parts and accessories of goods of sub-heading 8443 39		
84439990	Parts and accessories of goods of sub-heading 8443 31, 8443 32: ----Other		
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		
84440090	Other		
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		
84451190	Other		
844512	Machines for preparing textile fibres : -- Combing machines		
84451210	Cotton combing machines		
84451290	Other		
84451300	Machines for preparing textile fibres : -- Drawing or roving machines		
844519	Machines for preparing textile fibres : -- Other		
84451910	Cotton processing machines (including cotton ginning machine)		
84451920	Jute fibre processing machines		
84451930	Regenerated fibres and synthetic fibres processing machines		
84451940	Silk processing machines		
84451950	Wool processing machines		

84451960	Blowroom machines		
84451990	Other		
844520	Textile spinning machines		
84452011	Cotton spinning machines: ----Drawing frames		
84452012	Cotton spinning machines: ----Intermediate frames		
84452013	Cotton spinning machines: ----Ring frames		
84452014	Cotton spinning machines: ----Roving frames		
84452019	Cotton spinning machines: ----Other		
84452020	Cotton spinning machines: ----Jute fibres spinning machines		
84452030	Cotton spinning machines: ----Regenerated fibres and synthetic fibres spinning machines		
84452040	Cotton spinning machines: ----Silk fibres spinning machines		
84452050	Cotton spinning machines: ----Wool spinning machines		
84452090	Cotton spinning machines: ----Other		
844530	Textile doubling or twisting machines		
84453011	Doubling frames		
84453019	Other		
84453020	Jute fibre doubling or twisting machines		
84453030	Regenerated fibre and synthetic fibre yarn doubling or twisting machines		

84453040	Silk fibre doubling or twisting machines		
84453050	Wool fibre doubling or twisting machines		
84453090	Other fibre doubling or twisting machines		
844540	Textile winding (including weft-winding) or reeling machines		
84454010	Cotton fibre winding (including weft-winding) or reeling machines, automatic or otherwise		
84454020	Jute fibre reeling (including weft-winding) machines		
84454030	Regenerated fibres yarn and synthetic fibres yarn reeling (including weft-winding) machines		
84454040	Silk fibre reeling (including weft-winding) machines		
84454050	Wool fibre reeling (including weft-winding) machines		
84454090	Other		
84459000	Other		
8446	Weaving machines (looms).		
844610	For weaving fabrics of a width not exceeding 30 cm		
84461011	Cotton weaving machines: ----Automatic, powerloom		
84461012	Cotton weaving machines: ----Plain, powerloom		
84461019	Cotton weaving machines: ----Other		
84461090	Cotton weaving machines: ----Other		
844621	For weaving fabrics of a width exceeding 30 cm, shuttle type : -- Power looms		

84462110	Cotton weaving machines, automatic		
84462190	Other		
844629	For weaving fabrics of a width exceeding 30 cm, shuttle type : -- Other		
84462910	Cotton weaving machines		
84462990	Other		
844630	For weaving fabrics of a width exceeding 30 cm, shuttleless type		
84463011	Cotton weaving machines: ----Automatic, powerloom		
84463012	Cotton weaving machines: ----Plain, powerloom		
84463019	Cotton weaving machines: ----Other		
84463090	Cotton weaving machines: ----Other		
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		
84471119	Wool knitting machines: ----Other		
84471120	Wool knitting machines: ----Cotton hosiery machines		
84471190	Wool knitting machines: ----Other		
844712	Circular knitting machines : -- With cylinder diameter exceeding 165 mm		
84471211	Wool knitting machines: ----Hand knitting machines		

84471219	Wool knitting machines: ----Other		
84471220	Wool knitting machines: ----Cotton hosiery machines		
84471290	Wool knitting machines: ----Other		
844720	Flat knitting machines; stitch-bonding machines		
84472010	Hand knitting machines for wool		
84472020	Other knitting machines for wool		
84472030	Cotton hosiery machines		
84472090	Other		
844790	Other		
84479010	Machines for making of tulle and lace		
84479020	Machines for making embroidery		
84479030	Other		
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		
84481190	Other		

84481900	Auxiliary machinery for machines of heading 84.44, 84.45, 84.46 or 84.47 : -- Other		
84482000	Parts and accessories of machines of heading 84.44 or of their auxiliary machinery		
84483100	Parts and accessories of machines of heading 84.45 or of their auxiliary machinery : -- Card clothing		
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		
84483220	For jute processing machines		
84483230	For silk and manmade (regenerated and synthetic fibres processing machines)		
84483240	For wool processing machines		
84483290	Other		
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		
84483320	For jute spinning machines		
84483330	For silk and man-made (regenerated and synthetic) fibre spinning machines		
84483340	For wool spinning machines		
84483390	For other textile fibre spinning machines		
844839	Parts and accessories of machines of heading 84.45 or of their auxiliary machinery : --Other		
84483910	Combs for cotton textile machinery		

84483920	Gills for gill boxes		
84483990	Other		
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		
84484220	Healds, wire		
84484290	Other		
844849	Parts and accessories of weaving machines (looms) or of their auxiliary machinery : -- Other		
84484910	Parts of cotton weaving machinery		
84484920	Parts of jute weaving machinery		
84484930	Parts of silk and man-made fibres weaving machinery		
84484940	Parts of wool weaving machinery		
84484950	Parts of other textile weaving machinery		
84484990	Other		
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		
84485120	Of wool knitting machines		
84485130	Of machines for tulle, lace		

84485190	Other		
84485900	Parts and accessories of machines of heading 84.47 or of their auxiliary machinery : -- Other		
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)		
84490090	Other		
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		
84501200	Machines, each of a dry linen capacity not exceeding 10 kg : -- Other machines, with built-in centrifugal drier		
84501900	Machines, each of a dry linen capacity not exceeding 10 kg : -- Other		
84502000	Machines, each of a dry linen capacity exceeding 10 kg		
845090	Parts		
84509010	Parts of household type machines		
84509090	Other		
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		
84511090	Other		
84512100	Drying machines : -- Each of a dry linen capacity not exceeding 10 kg		
84512900	Drying machines : -- Other		
845130	Ironing machines and presses (including fusing presses)		
84513010	Hand ironing press		
84513090	Other		
845140	Washing, bleaching or dyeing machines		
84514011	Bleaching machine: ----For cotton textile		
84514019	Bleaching machine: ----Other		
84514021	Dyeing machines: ----For cotton textile		
84514029	Dyeing machines: ----For other textile		
84514091	Other: ----For washing and cleaning for woolen textile		
84514099	Other: ----Other		
84515000	Machines for reeling, unreeling, folding, cutting or pinking textile fabrics		
845180	Other machinery		

84518011	Sizing and dressing machines: ----For cotton textile		
84518019	Sizing and dressing machines: ----Other		
84518021	Finishing machines: ----For coating or impregnating yarn or fabrics		
84518022	Finishing machines: ----Other finishing processes for cotton textile		
84518029	Finishing machines: ----Other		
84518090	Finishing machines: ----Other		
84519000	Parts		
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		
84521012	Complete, with stand or table: ----Hand operated		
84521019	Complete, with stand or table: ----Other		
84521021	Without stand or table (heads): ----With electronic controls or electric motors		
84521022	Without stand or table (heads): ----Hand operated		
84521029	Without stand or table (heads): ----Other		
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		

84522120	Other with electronic control or electric motors		
84522190	Other		
84522900	Other sewing machines : -- Other		
845230	Sewing machine needles		
84523010	for household type sewing machines		
84523090	Other		
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		
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:		
84529091	Other parts of sewing machines: ----Of household sewing machines		
84529099	Other parts of sewing machines: ----Other		
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		
84532000	Machinery for making or repairing footwear		
84538000	Other machinery		
845390	Parts		

84539010	Of boot and shoe manufacturing machinery		
84539090	Other		
8454	Converters, ladles, ingot moulds and casting machines, of a kind used in metallurgy or in metal foundries.		
84541000	Converters		
845420	Ingot moulds and ladles		
84542010	Ladles		
84542020	Ingot moulds		
845430	Casting machines		
84543010	Die-casting machines		
84543020	Continuous casting machines		
84543090	Other		
84549000	Parts		
8455	Metal-rolling mills and rolls therefor.		
84551000	Tube mills		
845521	Other rolling mills : -- Hot or combination hot and cold		
84552110	Hot		
84552120	Combination of hot and cold		
84552200	Other rolling mills : -- Cold		

84553000	Rolls for rolling mills		
84559000	Other parts		
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		
84561200	Operated by laser or other light or photon beam processes : -- Operated by other light or photon beam processes		
84562000	Operated by ultrasonic processes		
84563000	Operated by electro-discharge processes		
84564000	Operated by plasma arc processes		
84565000	Water-jet cutting machines		
845690	Other		
84569010	For dry-etching patterns on Semi-conductor materials		
84569020	Electro-chemical machines		
84569090	Other		
8457	Machining centres, unit construction machines (single station) and multi-station transfer machines, for working metal.		
845710	Machining centres		
84571010	Horizontal		

84571020	Vertical		
845720	Unit construction machines (single station)		
84572010	Unit head boring		
84572020	Unit head drilling		
84572090	Other		
845730	Multi-station transfer machines		
84573010	Rotary type		
84573020	In-line type		
84573090	Other		
8458	Lathes (including turning centres) for removing metal.		
84581100	Horizontal lathes : -- Numerically controlled		
845819	Horizontal lathes : -- Other		
84581911	Automatic, single spindle: ----Horizontal bar, Swiss type		
84581912	Automatic, single spindle: ----Base sliding head type		
84581913	Automatic, single spindle: ----Horizontal chucking		
84581919	Automatic, single spindle: ----Other		
84581990	Automatic, single spindle: ----Other		
84589100	Other lathes : -- Numerically controlled		

845899	Other lathes : -- Other		
84589910	Automatic, multi-spindle bar		
84589920	Automatic, multi-spindle chucking		
84589931	Capstans, turrets, capstan and turret combination, coping, multi tool and production lathes: ----Capstans lathes		
84589932	Capstans, turrets, capstan and turret combination, coping, multi tool and production lathes: ----Turrets lathes		
84589933	Capstans, turrets, capstan and turret 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: ----Coping lathes		
84589935	Capstans, turrets, capstan and turret combination, coping, multi tool and production lathes: ----Multi-tool and production lathes		
84589941	Crankshaft, relieving, wheel and axle lathes: ----Crankshaft lathes		
84589942	Crankshaft, relieving, wheel and axle lathes: ----Relieving lathes		
84589943	Crankshaft, relieving, wheel and axle lathes: ----Wheel and axle lathes		
84589951	Centre lathes: ----Tool-room type		
84589959	Centre lathes: ----Other		
84589990	Centre lathes: ----Other		
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		
84592100	Other drilling machines : -- Numerically controlled		
845929	Other drilling machines : -- Other		
84592910	Bench and pillar		
84592920	Pillar or columns, multi-spindle		
84592930	Radial		
84592940	Deep hole		
84592950	Multi head drilling machines		
84592990	Other		
84593100	Other boring-milling machines : -- Numerically controlled		
845939	Other boring-milling machines : -- Other		
84593910	Vertical turning or boring		
84593990	Other		
845941	Other boring machines : -- Numerically controlled		
84594110	Jig boring machines, horizontal		
84594120	Fine boring machines, horizontal		
84594130	Fine boring machines, vertical		
84594190	Other		

845949	Other boring machines : -- Other		
84594910	Jig boring machines, horizontal		
84594920	Fine boring machines, horizontal		
84594930	Fine boring machines, vertical		
84594990	Other		
845951	Milling machines, knee-type : -- Numerically controlled		
84595110	Horizontal		
84595120	Vertical		
84595130	Universal		
84595190	Other		
845959	Milling machines, knee-type : -- Other		
84595910	Horizontal		
84595920	Vertical		
84595930	Universal		
84595940	Ram type		
84595950	Die-sinking or pantograph		
84595990	Other		
845961	Other milling machines : -- Numerically controlled		

84596110	Piano milling		
84596190	Other		
845969	Other milling machines : -- Other		
84596910	Bed type, horizontal		
84596920	Bed type, vertical		
84596930	Piano milling, single column		
84596940	Piano milling, double column		
84596990	Other		
845970	Other threading or tapping machines		
84597010	Threading machines		
84597020	Tapping machines		
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		
84601900	Flat-surface grinding machines : -- Other		
84602200	Other grinding machines : -- Centreless grinding machines, numerically controlled		
84602300	Other grinding machines : -- Other cylindrical grinding machines, numerically controlled		
84602400	Other grinding machines : -- Other, numerically controlled		

846029	Other grinding machines : -- Other		
84602910	Cylindrical grinders		
84602920	Internal grinders		
84602930	Centreless grinders		
84602940	Profile grinders		
84602990	Other		
84603100	Sharpening (tool or cutter grinding) machines : -- Numerically controlled		
846039	Sharpening (tool or cutter grinding) machines : -- Other		
84603910	Grinder, tool or cutter		
84603990	Other		
846040	Honing or lapping machines		
84604011	Honing machines: ----Vertical, single spindle		
84604012	Honing machines: ----Vertical, multi-spindle		
84604013	Honing machines: ----Horizontal		
84604019	Honing machines: ----Other		
84604020	Honing machines: ----Lapping machines		
846090	Other		
84609010	Polishing and buffing machines		

84609090	Other		
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		
84612019	Shaping machines: ----Other		
84612020	Slotting machines		
846130	Broaching machines		
84613010	Vertical		
84613020	Horizontal		
84613090	Other		
846140	Gear cutting, gear grinding or gear finishing machines		
84614011	Gear cutting machines: ----Bevel gear cutting		
84614012	Gear cutting machines: ----Gear cutting spiral bevel and / or hypoid		
84614013	Gear cutting machines: ----Gear slotter or planar formed cutter type		
84614014	Gear cutting machines: ----Gear milling formed disc cutter type		
84614019	Gear cutting machines: ----Other		
84614021	gear grinding or gear finishing machines: ----Single or double wheel disc type gear grinder		

84614022	gear grinding or gear finishing machines: ----Formed wheel gear grinder		
84614023	gear grinding or gear finishing machines: ----Gear shaver		
84614024	gear grinding or gear finishing machines: ----Gear tooth, rounding, chamfering or burring		
84614025	gear grinding or gear finishing machines: ----Gear shaper, spur and helical		
84614026	gear grinding or gear finishing machines: ----Gear hobber, spur and helical		
84614029	gear grinding or gear finishing machines: ----Other		
846150	Sawing or cutting-off machines		
84615011	Sawing machines: ----Band saw, horizontal		
84615012	Sawing machines: ----Band saw, vertical		
84615013	Sawing machines: ----Circular saw, cold		
84615014	Sawing machines: ----Circular saw, hot		
84615015	Sawing machines: ----Hack saw		
84615019	Sawing machines: ----Other		
84615021	Cutting-off machines: ----Abrasive wheel cutting-off machines		
84615029	Cutting-off machines: ----Other		
84619000	Other		
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		
84621900	Hot forming machines for forging, die forging (including presses) and hot hammers: - - Other		
84622200	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Profile forming machines		
84622300	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Numerically controlled press brakes		
84622400	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Numerically controlled panel benders		
84622500	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Numerically controlled roll forming machines		
84622600	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Other numerically controlled bending, folding, straightening or flattening machines		
84622900	Bending, folding, straightening or flattening machines (including press brakes) for flat products: - - Other		
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		
84623300	Slitting lines, cut-to-length lines and other shearing machines (excluding presses) for flat 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		
84624200	Punching, notching or nibbling machines (excluding presses) for flat products including combined punching and shearing machines: - - Numerically controlled		
84624900	Punching, notching or nibbling machines (excluding presses) for flat products including combined punching and shearing machines: - - Other		
84625100	Machines for working tube, pipe, hollow section and bar (excluding presses): - - Numerically controlled		
84625900	Machines for working tube, pipe, hollow section and bar (excluding presses): - - Other		
84626100	Cold metal working presses: - - Hydraulic presses		
84626200	Cold metal working presses: - - Mechanical presses		
84626300	Cold metal working presses: - - Servo-presses		
84626900	Cold metal working presses: - - Other		
84629000	Cold metal working presses: - Other		
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		
84631020	Other wire making machines		
84631030	Tube drawing machines		
84631090	Other		
84632000	Thread rolling machines		

846330	Machines for working wire		
84633010	Wire grill or knitting machine		
84633020	Spring coiling		
84633030	Chain making		
84633040	Nail-making machine		
846390	Other		
84639010	Riveting machines (excluding portable hand)		
84639020	Strip profiling		
84639030	Seaming machine for example for cans		
84639090	Other		
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		
84641090	Other		
84642000	Grinding or polishing machines		
84649000	Other		
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		
84652000	Machining centres		
84659100	Other : -- Sawing machines		
84659200	Other : -- Planing, milling or moulding (by cutting) machines		
84659300	Other : -- Grinding, sanding or polishing machines		
84659400	Other : -- Bending or assembling machines		
84659500	Other : -- Drilling or morticing machines		
84659600	Other : -- Splitting, slicing or paring machines		
846599	Other : -- Other		
84659910	Lathes		
84659990	Other		
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		
84661020	Self-opening dieheads		
84662000	Work holders		

846630	Dividing heads and other special attachments for machines		
84663010	Chucks		
84663020	Jigs and fixtures		
84663090	Other		
84669100	Other : -- For machines of heading 84.64		
84669200	Other : -- For machines of heading 84.65		
846693	Other : -- For machines of headings 84.56 to 84.61		
84669310	Parts and accessories of machine tools, for working metals		
84669390	Other		
84669400	Other : -- For machines of heading 84.62 or 84.63		
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		
84671120	Hammers		
84671190	Others		
84671900	Pneumatic : -- Other		
84672100	With self-contained electric motor : -- Drills of all kinds		
84672200	With self-contained electric motor : -- Saws		

84672900	With self-contained electric motor : -- Other		
84678100	Other tools : -- Chain saws		
846789	Other tools : -- Other		
84678910	Compressed air grease guns, lubricators and similar appliances		
84678920	Vibrators		
84678990	Other		
84679100	Parts : -- Of chain saws		
84679200	Parts : -- Of pneumatic tools		
84679900	Parts : -- Other		
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		
846820	Other gas-operated machinery and apparatus		
84682010	Welding or cutting machines		
84682090	Other		
84688000	Other machinery and apparatus		
84689000	Parts		
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		
84702100	Other electronic calculating machines : -- Incorporating a printing device		
84702900	Other electronic calculating machines : -- Other		
84703000	Other calculating machines		
847050	Cash registers		
84705010	Electrically operated		
84705020	Manually operated		
847090	Other		
84709010	Electrically operated		
84709020	Manually operated		
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		
84713090	Other		
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		
84714120	Large or main frame computer		
84714190	Other		
84714900	Other automatic data processing machines : -- Other, presented in the form of systems		
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		
847160	Input or output units, whether or not containing storage units in the same housing		
84716010	Combined input or out put units		
84716024	Printer: ----Graphic printer		
84716025	Printer: ----Plotter		
84716029	Printer: ----Other		
84716040	Printer: ----Keyboard		
84716050	Printer: ----Scanners		
84716060	Printer: ----Mouse		
84716090	Printer: ----Other		
847170	Storage units		
84717010	Floppy disc drives		
84717020	Hard disc drives		

84717030	Removable or exchangeable disc drives		
84717040	Magnetic tape drives		
84717050	Cartridge tape drive		
84717060	CD-ROM drive		
84717070	Digital video disc drive		
84717090	Other		
84718000	Other units of automatic data processing machines		
84719000	Other		
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		
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		
847290	Other		
84729010	Stapling machines (staplers)		
84729020	Digital duplicator		
84729030	Automatic Teller Machines		
84729040	Coin sorting machines, coin-counting or wrapping machines		
84729091	Other: ----Word-processing machines		

84729092	Other: ----Automatic typewriters		
84729093	Other: ----Braille typewriters, electric		
84729094	Other: ----Braille typewriters, non-electric		
84729095	Other: ----Other typewriters, electric or non-electric		
84729099	Other: ----Other		
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,		
84732900	Parts and accessories of the machines of heading 84.70 : -- Other		
847330	Parts and accessories of the machines of heading 84.71		
84733010	Microprocessors		
84733020	Motherboards		
84733030	Other mounted printed circuit boards		
84733040	Head stack		
84733091	Other: ----Network access controllers		
84733092	Other: ----Graphic and intelligence based Script Technology (GIST) cards for multilingual computers		
84733099	Other: ----Other		
847340	Parts and accessories of the machines of heading 84.72		

84734010	Parts of duplicating, hectograph or stencil machines		
84734090	Other		
84735000	Parts and accessories equally suitable for use with the machines of two or more of the headings 84.70 to 84.72		
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		
84741090	Other		
847420	Crushing or grinding machines		
84742010	For stone and mineral		
84742020	For coal		
84742090	Other		
847431	Mixing or kneading machines : -- Concrete or mortar mixers		
84743110	Concrete mixers		
84743120	Mortar mixers		
84743200	Mixing or kneading machines : -- Machines for mixing mineral substances with bitumen		
84743900	Mixing or kneading machines : -- Other		

847480	Other machinery		
84748010	Brick and tile making machinery		
84748020	Ceramic and clay making machinery		
84748030	Machinery for forming foundry moulds of sand		
84748090	Other		
84749000	Parts		
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		
84752100	Machines for manufacturing or hot working glass or glassware : -- Machines for making optical fibres and preforms thereof		
84752900	Machines for manufacturing or hot working glass or glassware : -- Other		
84759000	Parts		
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		
84762120	Incorporating heating devices		
84762900	Automatic beverage-vending machines : -- Other		

847681	Other machines : -- Incorporating heating or refrigerating devices		
84768110	Incorporating refrigerating devices		
84768120	Incorporating heating devices		
847689	Other machines : -- Other		
84768910	Money changing machines		
84768920	Postage stamps vending machines		
84768930	Cigarette vending machines		
84768990	Other		
847690	Parts		
84769010	Of machines of sub-heading 847621		
84769090	Other		
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		
84772000	Extruders		
84773000	Blow moulding machines		
84774000	Vacuum moulding machines and other thermoforming machines		
84775100	Other machinery for moulding or otherwise forming : -- For moulding or retreading pneumatic tyres or for moulding or otherwise forming inner tubes		

84775900	Other machinery for moulding or otherwise forming : -- Other		
847780	Other machinery		
84778010	Machinery for making rubber goods		
84778090	Other		
84779000	Parts		
8478	Machinery for preparing or making up tobacco, not specified or included elsewhere in this Chapter.		
847810	Machinery		
84781010	Cigar making machinery		
84781020	Cigarette making machinery		
84781090	Other		
84789000	Parts		
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		
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		
84792090	Other		
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		
84794000	Rope or cable-making machines		
84795000	Industrial robots, not elsewhere specified or included		
84796000	Evaporative air coolers		
84797100	Passenger boarding bridges : -- Of a kind used in airports		
84797900	Passenger boarding bridges : -- Other		
84798100	Other machines and mechanical appliances : -- For treating metal, including electric wire coil-winders		
84798200	Other machines and mechanical appliances : -- Mixing, kneading, crushing, grinding, screening, sifting, homogenising, emulsifying or stirring machines		
84798300	Cold metal working presses: - - Cold isostatic presses		
847989	Other machines and mechanical appliances : -- Other		
84798910	Soap cutting or moulding machinery		
84798920	Air humidifiers or dehumidifiers (other than those falling under heading 8415 or 8424)		
84798930	Mechanical shifting machines		
84798940	Ultrasonic Transducers		
84798950	Car washing machines and related appliances		
84798960	Coke oven plants		
84798970	Machinery for the manufacture of chemical and pharmaceuticals goods		

84798992	Other: ----Briquetting plant and machinery intended for manufacture of briquettes from agricultural and municipal waste		
84798999	Other: ----Other		
847990	Parts		
84799010	Of machines for public works, building or the like		
84799020	Of machines for the extraction of animal or fruit and vegetable fats or oil		
84799030	Of machines and mechanical appliances for treating wood		
84799040	Of machinery used for manufacture of chemicals and pharmaceuticals		
84799090	Other		
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		
84802000	Mould bases		
84803000	Moulding patterns		
84804100	Moulds for metal or metal carbides : -- Injection or compression types		
84804900	Moulds for metal or metal carbides : -- Other		
84805000	Moulds for glass		
84806000	Moulds for mineral materials		
84807100	Moulds for rubber or plastics : -- Injection or compression types		

84807900	Moulds for rubber or plastics : -- Other		
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		
84812000	Valves for oleohydraulic or pneumatic transmissions		
84813000	Check (nonreturn) valves		
84814000	Safety or relief valves		
848180	Other appliances		
84818010	Taps, cocks and similar appliances of iron or steel		
84818020	Taps, cocks and similar appliances of non-ferrous metal		
84818030	Industrial valves (excluding pressure-reducing valves, and thermostatically controlled valves)		
84818041	Inner tube valves: ----For Bicycles		
84818049	Inner tube valves: ----Other		
84818050	Inner tube valves: ----Expansion valves and solenoid valves for refrigerating and air conditioning appliances and machinery		
84818090	Inner tube valves: ----Other		
848190	Parts		
84819010	Bicycles valves		
84819090	Other		

8482	Ball or roller bearings.		
848210	Ball bearings		
84821011	Not exceeding 50mm of bore diameter		
84821012	Adapter ball bearings (radial type): ----Of bore diameter exceeding 50 mm but not exceeding 100 mm		
84821013	Adapter ball bearings (radial type): ----Of bore diameter exceeding 100 mm		
84821020	Adapter ball bearings (radial type): ----Other ball bearing (radial type) of bore diameter not exceeding 50mm		
84821030	Adapter ball bearings (radial type): ----Other ball bearing (radial type) of bore diameter exceeding 50mm but not exceeding 100 mm		
84821040	Adapter ball bearings (radial type): ----Of bore diameter exceeding 100mm		
84821051	Thrust ball bearings: ----Of bore diameter not exceeding 50mm		
84821052	Thrust ball bearings: ----Of bore diameter exceeding 50 mm but not exceeding 100 mm		
84821053	Thrust ball bearings: ----Of bore diameter exceeding 100 mm		
84821090	Thrust ball bearings: ----Other		
848220	Tapered roller bearings, including cone and Tapered roller assemblies		
84822011	Tapered roller bearings (radial type): ----Of bore diameter not exceeding 50 mm		
84822012	Tapered roller bearings (radial type): ----Of bore diameter exceeding 50 mm but not exceeding 100 mm		
84822013	Tapered roller bearings (radial type): ----Of bore diameter exceeding 100 mm		

84822090	Tapered roller bearings (radial type): ----Other		
84823000	Spherical roller bearings		
84824000	Needle roller bearings, including cage and needle roller assemblies		
84825000	- Other cylindrical roller bearings, including cage and roller assemblies		
84828000	Other, including combined ball/roller bearings		
848291	Parts : -- Balls, needles and rollers		
84829111	Balls: ----Of nickel alloys		
84829112	Balls: ----Of tungsten carbide		
84829113	Balls: ----Of special stainless steel		
84829114	Balls: ----Of high speed steel		
84829119	Balls: ----Other		
84829120	Balls: ----Needles		
84829130	Balls: ----Rollers		
84829900	Parts : -- Other		
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		

84831091	Other: ----Crank shaft for engine of heading 8407		
84831092	Other: ----Crank shaft for engine of heading 8408		
84831099	Other: ----Other		
84832000	Bearing housings, incorporating ball or roller bearings		
84833000	Bearing housings, not incorporating ball or roller bearings; plain shaft bearings		
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		
848350	Flywheels and pulleys, including pulley blocks		
84835010	Pulleys, power transmission		
84835090	Other		
848360	Clutches and shaft couplings (including universal joints)		
84836010	Flexible coupling		
84836020	Fluid coupling		
84836090	Other		
84839000	Toothed wheels, chain sprockets and other transmission elements presented separately; parts		
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 (excluding gaskets of asbestos board reinforced with metal gauze or wire)		
84841090	Other		
84842000	Mechanical seals		
84849000	Other		
8485	MACHINES FOR ADDITIVE MANUFACTURING		
84851000	By metal deposit		
84852000	By plastics or rubber deposit		
84853000	By plaster, cement, ceramics or glass deposit		
84858000	Other		
84859000	Parts		
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		
84862000	Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits		
84863000	Machines and apparatus for the manufacture of flat panel displays		
84864000	Machines and apparatus specified in Note 11(c) to this Chapter		

84869000	Parts and accessories		
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		
84879000	Other		