







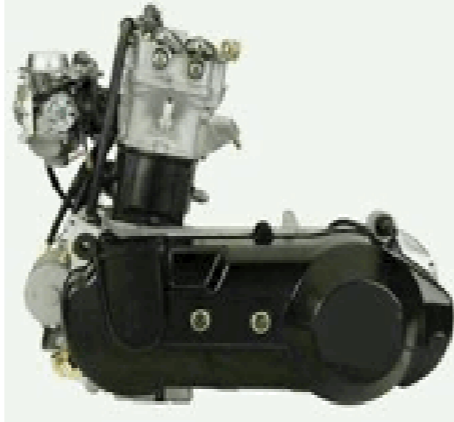



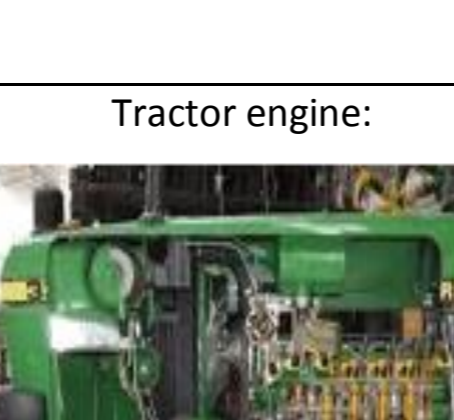

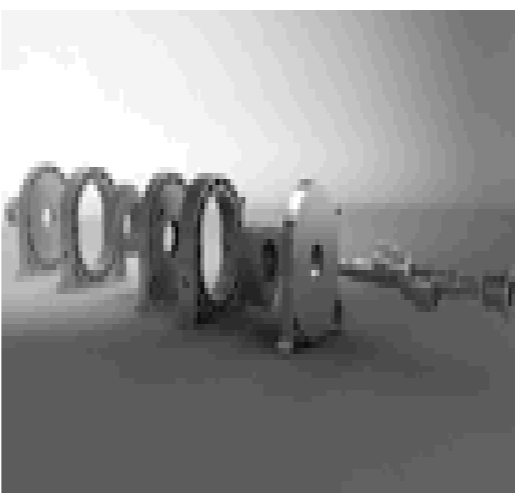



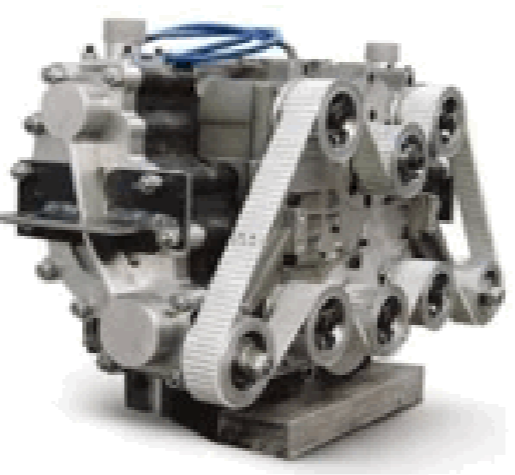

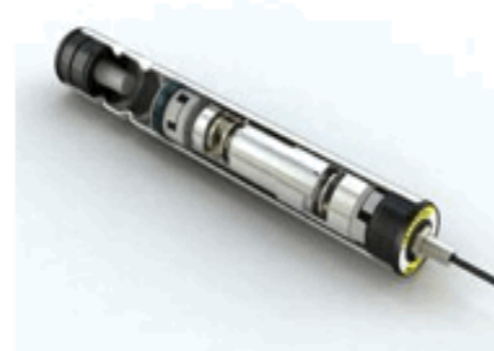





















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1	Preliminary list of HS codes for inclusion under the MAC Protocol - As of 15 October 2015											
2	No.	HS Code and Name	Type	Examples and uses	Images	Import statistics for Canada 2013 (CID) (\$CDN)	Import Statistics for European Union in 2013 (€)	Comments	Accession	Affixable	Category	Multi-Use
3	1	820713--RCK DRLNG EARTH BORNG TLS WRKNG PT CERMENTS, & PTS	Rock drilling or earth boring tools, and parts thereof: 820713--With working part of cermets	Machines used for tunnel boring (i.e. build tunnels) and parts utilized both in the construction and mining industries.		\$ 93,423,503 in imports. 4 major Canadian importers. Major exporters: China, Germany and the U.S.	€ 36,459,073 in imports to the 28 E.U. members.	<ul style="list-style-type: none"> The Explanatory Notes to Chapter 82.07 (covering this type of equipment) notes that 'this heading covers an important group of tools which are unsuitable for use independently, but are designed to be fitted [into other types of equipment]. 	No	No	C/M	N/A
4	1(a)	820713	Top Hammer Drill:	Normally used in medium to hard rocks and for hole diameters up to 230 mm.					No	No	C/M	N/A
5	1(b)	820713	Down-The-Hole Drill	The down-the-hole drill is basically a mini jack hammer that screws on the bottom of a drill string. The fast hammer action breaks hard rock into small flakes and dust and is blown clear by the air exhaust from the DTH hammer. The DTH hammer is one of the fastest ways to drill hard rock.					No	No	C/M	N/A
6	1(c)	820713	Mining Drill Jumbo	Drilling jumbos are usually used in underground mining, if mining is done by drilling and blasting. They are also used in tunnelling, if rock hardness prevents use of tunnelling machines.				Can be a 'one wheel', 'two wheel' or scaling mining jumbo.	No	No	C/M	N/A
7	1(d)	820713	Furnace Drill	This machinery drills tap holes and cinder notches in slag in blast furnaces and gasification melting furnaces of iron manufacturing companies.					No	No	C/M	N/A
8	1(e)	820713	Mine Crawler Breaker						No	No	C/M	N/A
9	1(f)	820713	Fan Cut Drill						No	No	C/M	N/A
10	2	820719-- INTERCHANGEABLE TOOLS FOR HAND OR MACHINES;& PARTS	820719--Other, including parts:	Parts of rock drills and earth boring tools.	Part of earth boring machine: 	\$ 262,244,986 in imports. 22 major Canadian importers. Major exporters: China, India, Ireland, Italy, Japan, Russia, Taiwan, Turkey, the U.S., the U.K.	€ 152,343,451 in imports to the 28 E.U. members. Major exporters: Australia, Canada, China, India, Japan, Republic of Korea, Mexico, Norway, Russia, South Africa, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. The Explanatory Notes to Chapter 82.07 (covering this type of equipment) notes that 'this heading covers an important group of tools which are unsuitable for use independently, but are designed to be fitted [into other types of equipment]. 	Yes	No	C/M	N/A
11	3	840731--SPRK-IGN PISTON ENG F VEH EX RAILWY NOT OVR 50 CC	Reciprocating piston engines of a kind used for the propulsion of vehicles of chapter 87 (Tractors and other vehicles): 840731-- Of a cylinder capacity not exceeding 50 cc	Includes engines that may be used in the manufacture of other machines (e.g. motorized scooters)	Piston engine: 	No data available for this item.	€ 5,448,479 in imports to the 28 E.U. members. Major Exporters: China, Japan, Taiwan, and United States.	<ul style="list-style-type: none"> This HS code appears to cover engines. Given the small size, power and low total value of EU imports, equipment in this category may not have sufficient value for inclusion in the MAC Protocol. 	Yes	No	C/M/A	YES









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12	4	840732--SPARK-IGNTN RECRCTNG PISTN ENGINE ETC NOV 250CC	Reciprocating piston engines of a kind used for the propulsion of vehicles of chapter 87 (Tractors and other vehicles): 840732-- Of a cylinder capacity exceeding 50cc but not exceeding 250 cc	Same as above but higher capacity.	ATV engine: 	\$ 1,038,779 in imports. 11 major Canadian importers. United States.	€ 8,760,274 in imports to the 28 E.U. members. Major exporters: China and Thailand.	<ul style="list-style-type: none"> This HS code appears to cover engines. Given the small size, power and low total value of EU imports, equipment in this category may not have sufficient value for inclusion in the MAC Protocol. 	Yes	No	C/A	YES
13	5	840733--SPARK-IGNTN RECRCTNG PISTN ENG ETC >250 NOV1000CC	Reciprocating piston engines of a kind used for the propulsion of vehicles of chapter 87 (Tractors and other vehicles): 840733-- Of a cylinder capacity exceeding 250cc but not exceeding 1,000 cc	Same as above but higher capacity.	Arctic cat engine: 	No data available for this item.	€ 109,294,058 in imports to the 28 E.U. members. Major exporters: China, India, Japan, Taiwan, and United States.	<ul style="list-style-type: none"> This HS code appears to cover engines. The larger capacity of this engine and significantly larger total import EU value may indicate that individual unit prices may be high enough to warrant inclusion. 	Yes	No	C/A	N/A
14	6	840790--SPARK-IGNTN RCPRTNG/ROTARY INT COMBSTN ENG, NESOI [Not Elsewhere Specified or Indicated]	840790-- Other engines	Other engines that may be installed in agricultural and horticultural machinery.	Horticultural machine engine: 	\$ 155,017,415 in imports. 13 major Canadian importers. Major exporters: China, Japan, Taiwan, the U.S., and the U.K.	€ 385,843,330 in imports to the 28 E.U. members. Major exporters: China, Japan, Kenya, Russia, Switzerland, Thailand, and United States.	<ul style="list-style-type: none"> This HS code appears to cover engines. 	Yes	No	A	N/A
15	7	840810--MARINE COMPRESS-IGNIN COMBUSTION PISTON ENGINE ETC	840810-- Marine propulsion engines	Marine propulsion engines that power vessels.	CAT marine propulsion engine: 	\$ 26,300,622 in imports. 14 major Canadian importers. Major exporters: Japan and the U.S.	€ 192,334,884 in imports to the 28 E.U. members. Major exporters: China, India, Japan, Republic of Korea, Norway, and United States.	<ul style="list-style-type: none"> This HS code appears to cover engines. 	Yes	No	C	N/A
16	8	840820-- COMPRESSION-IGNTN INT COMBUSTION PISTON ENGINE ETC	840820-- Engines of a kind used for the propulsion of vehicles of chapter 87 (Tractors and other vehicles):	Includes engines that may be power tractors suitable for agricultural use.	Tractor engine: 	\$ 361,182,454 in imports. 10 major Canadian importers. Major exporters: China, South Korea, Sweden, the U.S., and the U.K.	€ 529,355,028 in imports to the 28 E.U. members. Major exporters: Belarus, China, India, Japan, Republic of Korea, Mexico, Russia, Switzerland, Turkey, and United States.	<ul style="list-style-type: none"> This HS code appears to cover engines. 	Yes	No	A	N/A
17	9	840890-- COMPRESSION-IGNTN INT COMBUSTION PISTON ENG, NESOI	840890-- Other engines:	Includes engines other than those utilized to power vessels and agricultural/horticultural machinery under the preceding two codes.	Mining equipment engine: 	\$ 306,703,581 in imports. 15 major Canadian importers. Major exporters: China, Germany, Italy, Japan, the U.S.	€ 1,181,905,738 in imports to the 28 E.U. Members Major exporters: Brazil, Canada, China, Japan, Mexico, Norway, Switzerland, Turkey, and United States.	<ul style="list-style-type: none"> This HS code appears to cover engines. 	Yes	No	M	N/A








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10	840991--SPARK-IGNITION INT COMBUSTION PISTON ENG PTS NESOI	Other[Parts]: 840991-- Suitable for use solely or principally with spark-ignition internal combustion piston engines (including rotary engines)	Includes spark ignition engines that may be used to power vessels, vehicles and machinery.	Rotary engine parts: 	\$ 1,409,725,049 in imports. 5 major Canadian importers. Major exporters: Argentina, Australia, Belgium, Denmark, France, Indonesia, Malaysia, etc.	€ 1,699,654,948 in imports to the 28 E.U. members. Major exporters: Argentina, Australia, Bosnia and Herzegovina, Brazil, Canada, China, India, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. 	Yes	No	C/M	N/A
11	840999--SPARK-IGNITION RECIPROCATING INT COM PISTN ENG PTS	840999--Other[Parts]:	Includes engines that may be used to power construction machinery.	Construction machinery engine: 	\$ 523,385,943 in imports. 20 major Canadian importers. Major exporters: Australia, Belgium, Brazil, Finland, Hungary, Mexico, Norway, Poland, etc.	€ 3,268,560,123 in imports to the 28 E.U. members. Major exporters: Argentina, Australia, Belarus, Bosnia and Herzegovina, Brazil, Dominican Republic, Egypt, Japan, India, Mexico, Switzerland, United States, etc.	<ul style="list-style-type: none"> This HS code appears to cover engines. 	Yes	No	C	N/A
12	841221--HYDRAULIC POWER ENGINES AND MOTORS, LINEAR ACTING	Hydraulic power engines and motors: 841221-- Linear acting (cylinders)	Includes engines that may be used to provide the force to operate the control valves of a steam turbine.	Steam turbine engine: 	\$ 181,412,070 in imports. 96 major Canadian importers. Major exporters: Iran, Ireland, the Netherlands, Poland, Spain.	€ 333,973,920 in imports to the 28 E.U. members. Major exporters: Australia, Brazil, China, Indonesia, Republic of Korea, Malaysia, Mexico, Philippines, etc.	<ul style="list-style-type: none"> This HS code appears to cover engines. 	Yes	No	M	N/A
13	841229--HYDRAULIC POWER ENGINES & MOTORS EX LINEAR ACTING	Hydraulic power engines and motors: 841229-- Other	Includes hydrojets (thrusters) that are basically high capacity pumps which draw water into through a special intake, and discharge it at enhanced pressure through a steerable nozzle. They are fast becoming an alternative means of vessel propulsion.	Industrial high capacity pump: 	\$ 184,626,336 in imports. 80 major Canadian importers. Major exporters: Austria, China, Czech Republic, South Korea, Mexico, Poland, Slovakia, etc.	€ 258,291,099 in imports to the 28 E.U. members. Major exporters: Australia, Canada, China, India, Israel, Japan, New Zealand, Norway, etc.	<ul style="list-style-type: none"> This HS code appears to cover engines. 	Yes	No	C/M/A	N/A
14	841231--PNEUMATIC POWER ENGINES AND MOTORS, LINEAR ACTING	Pneumatic power engines and motors: 841231-- Linear acting (cylinders)	Engines that may be used for a wide range of mechanical applications, including machine tools, hoists and davits, farm machinery, construction equipment, robotics, and other industrial machines.	Air car engine: 	\$ 61,377,289 in imports. 70 major Canadian importers. Major exporters: Austria, China, Netherlands, Switzerland, Italy United States, etc.	€ 117,036,028 in imports to the 28 E.U. members. Major exporters: Australia, China, India, Japan, Mexico, Norway, etc.	<ul style="list-style-type: none"> This HS code appears to cover engines. 	Yes	No	A/C	N/A







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15	841239--PNEUMATIC POWER ENGINES & MOTORS EX LINEAR ACTING	Pneumatic power engines and motors: 841239-- Other	Engines that include air driven motors used to start an engine on a dump truck.	Air-powered motor: 	\$ 54,393,965 in imports. 32 major Canadian importers. China, Germany, India, Mexico, Taiwan, UK, U.S., etc.	€ 52,016,587 in imports to the 28 E.U. members. Major exporters: Brazil, China, India, Japan, Malaysia, Singapore, Turkey, United States, etc.	<ul style="list-style-type: none"> This HS code appears to cover engines. 	Yes	No	C/M/A	N/A
16	841280--ENGINES AND MOTORS, NESOI	841280-- Other engines and motors:	Engines, including a spring-operated mechanism, which is part of an operating mechanism incorporating several components for use with a high voltage circuit breaker (the spring-operated mechanism is the only part of the operating mechanism at issue herein).	Spring-operated brake: 	\$ 33,586,284 in imports. 12 major Canadian importers. Major exporters: Netherlands, Sweden, Taiwan, U.S.	€ 48,303,176 in imports to the 28 E.U. Members Major exporters: China, Israel, Norway, Switzerland, and United States.	<ul style="list-style-type: none"> This HS code appears to cover parts. 	Yes	No	C/M/A	YES
17	841290--ENGINE AND MOTOR PARTS, NESOI	841290-- Parts	Parts of engines, including stainless steel distance sleeves that are used in marine propulsion systems.	Distance sleeves: 	\$ 735,609,631 in imports. 9 major Canadian importers. Major exporters: Australia, China, Finland, India, Italy, Mexico, New Zealand, Slovakia, Taiwan, etc.	€ 48,303,176 in imports to the 28 E.U. Members Major exporters: Brazil, Canada, China, India, Israel, Republic of Korea, Malaysia, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. 	Yes	No	C/M/A	YES
18	841330--FUEL, LUB/COOLING MED PUMPS FOR INT COMB PISTN ENG	841330-- Fuel, lubricating or cooling medium pumps for internal combustion piston engines	Pumps, including i) components of the fuel delivery system for a fuel-injected diesel internal combustion engine, and ii) a high pressure fuel pump for use with fuel injected engines of the type used in small unmanned aircraft and are designed to be fitted to small internal combustion engines.	High pressure fuel pump: 	\$ 395,870,277 in imports. 26 major Canadian importers. Major exporters: Austria, Brazil, China, Czech Republic, India, Mexico, Romania, Spain, Turkey, UK, etc.	€ 546,398,355 in imports to the 28 E.U. members. Major exporters: Argentina, Bosnia and Herzegovina, Brazil, Canada, China, India, Republic of Korea, Mexico, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. Certain equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	Yes/No	C/M/A	YES
19(a)	841340--CONCRETE PUMPS	841340-- Truck: Boom Pumps	Truck-mounted boom concrete pump with a articulating robotic arm	Truck Boom Pumps: 	\$ 31,785,370 in imports. 8 major Canadian importers. United States.	€ 8,930,362 in imports to the 28 E.U. members. Major exporters: China and United States.	<ul style="list-style-type: none"> Certain equipment under this HS code may require affixation to immovable property in order to operate. 	No	No	C/M	YES
19(b)	841340	841340-- Truck: Truck-Mounted Line Pumps	Truck-mounted line pumps					No	No	C/M	YES
19(c)	841340	841340-- Truck- Mounted Conveyors	Machine such as a chassis mounted concrete pump with a conveyor used to pump concrete through pipes for the construction industry					No	No	C/M	N/A









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30	19(d)	841340	841340--Truck: Transit Mixers Ready Mix Truck	Truck mixing concrete					No	No	C/M	N/A
31	19(e)	841340	841340-- Trailer: Small Trailer Pumps	Trailer pumping concrete					No	No	C/M	N/A
32	19(f)	841340	841340-- Trailer: Larger Trailer Pumps	Trailer pumping concrete					No	No	C/M	N/A
33	19(g)	841340	841340-- Stationary: Valve Pump	Stationary valve pumping concrete					No	No	C/M	N/A
34	19(h)	841340	841340-- Stationary: Placing Booms	Stationary placing booms concrete					Yes	Yes	C/M	N/A
35	20	841350-- RECIPROCATING POSITIVE DISPLACEMENT PUMPS, NESOI	841350 - Other reciprocating positive displacement pumps	Includes a sucker pump used for pumping the stratum liquid out of an oil well.	Reciprocating positive displacement pump: 	\$ 375,301,734 in imports. 93 major Canadian importers. Major exporters: China, India, Italy, Mexico, Sweden, Slovakia, UK, U.S., etc.	€ 345,672,469 in imports to the 28 E.U. members. Major exporters: Canada, China, Hong Kong, India, Japan, Republic of Korea, Switzerland, etc.	<ul style="list-style-type: none"> Certain equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	Yes	C/M/A	N/A
36	21	841360--ROTARY POSITIVE DISPLACEMENT PUMPS, NESOI	841360-- Other rotary positive displacement pumps	Includes water pumps that are used to provide cooling circulation for the hydraulic pumps. Electric motors are used to provide power to the pumps.	Positive displacement rotary pump: 	\$ 342,134,056 in imports. 102 major Canadian importers. Major exporters: Austria, China, Denmark, India, Italy, Hungary, Mexico, Slovakia, Turkey, etc.	€ 282,143,524 in imports to the 28 E.U. members. Major exporters: Canada, China, Brazil, India, Japan, Republic of Korea, Mexico, Switzerland, Turkey, United States, etc.	<ul style="list-style-type: none"> Certain equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	Yes	C/M/A	N/A
37	22	841391--PARTS OF PUMPS FOR LIQUIDS	Parts: 841391-- Of pumps	Parts of Pumps, including those that primary function is to provide reinforcement in the master cylinder of an automobile's brake booster.	Pump part: 	\$ 954,032,696 in imports. 106 major Canadian importers. Major exporters: China, Czech Republic, India, Israel, Mexico, Netherlands, Russia, Slovakia, Spain, etc.	€ 1,186,915,630 imports to the 28 E.U. members. Major exporters: Azerbaijan, Bosnia and Herzegovina, Brazil, Canada, Egypt, India, Indonesia, Japan, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	No	C/M/A	YES










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23	841459--FANS, NESOI	Fans: 841459-- Other	Fans, including heater blowers and heater cores that may be used to distribute heat throughout the vehicle's passenger compartment in the form of heated air.	<p>Tractor fan:</p> 	<p>\$ 351,458,587 in imports.</p> <p>305 major Canadian importers.</p> <p>Major exporters:</p> <p>Belgium, China, Denmark, Hungary, Italy, Japan, Mexico, Netherlands, Philippines, Thailand, Turkey, etc.</p>	<p>€ 488,206,740 in imports to the 28 E.U. members.</p> <p>Major exporters:</p> <p>Canada, China, Hong Kong, India, Indonesia, Israel, Japan, Malaysia, Mexico, etc.</p>	<ul style="list-style-type: none"> This HS code appears to cover parts. 	Yes	No	A	N/A
24	842481-- AGRICULTURAL OR HORTICULTURAL MECH SPRAYERS ETC	Other appliances: 842481--Agricultural or Horticultural	Generally, mechanical appliances, including machines that are used for different purposes that can be connected and disconnected from tractors.	<p>Agricultural or horticultural appliance (sprayer):</p> 	<p>\$ 137,497,736 in imports.</p> <p>72 major Canadian importers.</p> <p>Major exporters:</p> <p>China, Mexico, Italy, Denmark, Netherlands, Taiwan, U.S., etc. .</p>	<p>€ 144,860,371 in imports to the 28 E.U. members.</p> <p>Major exporters: Brazil, Canada, China, Dominican Republic, Israel, Mexico, Saudi Arabia, Turkey, etc.</p>	<ul style="list-style-type: none"> This HS code applies specifically to mechanical appliances for projecting, dispersing or spraying liquids for agricultural or horticultural purposes. As such, it appears to be very appropriate for inclusion under the MAC Protocol. 	No	No	A	N/A
25	842620--TOWER CRANES	842620--Tower Cranes	The tower crane is a fixed crane that is mounted on-site. It is a vertical metallic structure having a horizontal boom that can turn over an angle up to 360°	<p>Tower crane:</p> 	<p>\$ 20,452,573 in imports.</p> <p>11 major Canadian importers.</p> <p>Major exporters:</p> <p>Germany.</p>	<p>€ 11,332,667 in imports to the 28 E.U. members.</p> <p>Major exporters:</p> <p>Republic of Korea, Qatar, Switzerland, etc.</p>	<ul style="list-style-type: none"> Certain types of equipment under this HS code may require affixation to immovable property in order to operate. Cranes may have additional uses outside MAC industries (such as lifting/loading cargo). 	No	Yes	C	N/A
25(a)	842641	Bulk Handling Crane	Bulk-handling cranes are designed from the outset to carry a shell grab or bucket, rather than using a hook and a sling.					No	No	C	N/A
25(b)	842641	Jib Crane	A jib crane is a type of crane where a horizontal member (jib or boom), supporting a movable hoist, is fixed to a wall or to a floor-mounted pillar.		6			No	No	C	N/A
25(c)	842641	Self-erecting Crane	Generally a type of tower crane, these cranes, also called self-assembling or "Kangaroo" cranes, lift themselves off the ground using jacks, allowing the next section of the tower to be inserted at ground level or lifted into place by the partially erected crane itself.					No	No	C	N/A








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44	25(d)	842641	Hammerhead Crane	The "hammerhead", or giant cantilever, crane is a fixed-jib crane consisting of a steel-braced tower on which revolves a large, horizontal, double cantilever; the forward part of this cantilever or jib carries the lifting trolley, the jib is extended backwards in order to form a support for the machinery and counter-balancing weight.					No	No	C	N/A
45	25(e)	842641	Gantry Crane (sub. Overhead Crane)	A gantry crane has a hoist in a fixed machinery house or on a trolley that runs horizontally along rails, usually fitted on a single beam (mono-girder) or two beams (twin-girder).					No	No	C	N/A
46	26	842641--DERRICKS ETC SELF-PROPELLED ON TIRES, NESOI	Other machinery, self-propelled: 842641-- On tires	Includes a self-propelled crane used to load, unload, and stack cargo containers in shipping ports and terminals.	Crawler crane: 	\$ 190,505,155 in imports. 17 major Canadian importers. Major exporters: Germany, Japan, and United States.	€ 22,242,897 in imports to the 28 E.U. members. Major exporters: China, Japan, Libyan Arab Jamahiriya, Norway, Russia, Turkey, etc.	<ul style="list-style-type: none"> Cranes may have additional uses outside MAC industries (such as lifting/loading cargo). 	No	No	C	N/A
47	26(a)	842641	Deck Crane	Located on the ships and boats, these are used for cargo operations or boat unloading and retrieval where no shore unloading facilities are available.					No	No	C	N/A
48	26(c)	842641	Loader Crane	A loader crane (also called a knuckle-boom crane or articulating crane) is a hydraulically-powered articulated arm fitted to a truck or trailer, and is used for loading/unloading the vehicle.					No	No	C	N/A
49	26(d)	842641	Staker Crane	A crane with a forklift type mechanism used in automated (computer controlled) warehouses (known as an automated storage and retrieval system (AS/RS)). The crane moves on a track in an aisle of the warehouse.					No	No	C	N/A
50	26(e)	842641	Telescopic Crane	A telescopic crane has a boom that consists of a number of tubes fitted one inside the other. A hydraulic or other powered mechanism extends or retracts the tubes to increase or decrease the total length of the boom.					No	No	C	N/A
51	27	842649--DERRICKS ETC SELF-PROPELLED NOT ON TIRES, NESOI	Other machinery, self-propelled: 842649-- Other	Includes i) derricks which are a kind of crane with a movable pivoted arm for moving or lifting heavy weights, especially onto a ship and ii) the mobile pneumatic conveyor that may be used to transfer grain out of a ship's storage hold and into a hopper located on the dock.	Derrick crane: 	\$ 185,611,703 in imports. 11 major Canadian importers. Major exporters: Japan and United States.	€ 39,691,742 in imports to the 28 E.U. members. Major exporters: Algeria, Canada, China, Japan, Malaysia, Norway, Russia, Thailand, etc.	<ul style="list-style-type: none"> Certain types of equipment under this HS code may require affixation to immovable property in order to operate. Cranes may have additional uses outside MAC industries (such as lifting/loading cargo). 	No	Yes	C	N/A







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28	842699--LIFTING OR HANDLING MACHINERY, NESOI	Other machinery: 842699-- Other	Includes i) the space saver crane is a shop crane, made of steel, capable of lifting up to two tons by means of a hydraulic lifting cylinder and ii) mobile cranes that will operate on tracks within a shipyard and will be used to lift heavy objects.		\$ 10,954,911 in imports. 19 major Canadian importers. Major exporters: China and United States.	€ 23,570,357 in imports to the 28 E.U. members. Major exporters: China, Norway, Switzerland, United States, etc.	<ul style="list-style-type: none"> Cranes may have additional uses outside MAC industries (such as lifting/loading cargo). 	No	No	C	N/A
29	842890--LIFTING, HANDLING, LOADING & UNLOADING MACHY NESOI	Other lifting, handling, loading or unloading machinery (e.g. elevators, escalators, conveyors, teleferics): 842890-- Other Machinery	Includes i) woodland log handling equipment and ii) a pallet lift which handles the vertical transportation of pallets into and out of the warehouse; and retrieving pallets from the various levels as required.		\$ 354,050,527 in imports. 162 major Canadian importers. Major exporters: China, Finland, France, South Korea, Netherlands, Sweden, Taiwan, U.K., U.S., etc.	€ 540,707,077 in imports to the 28 E.U. members. Major exporters: Argentina, Belarus, Brazil, Canada, China, India, Iraq, Japan, Malaysia, etc.	<ul style="list-style-type: none"> Certain types of equipment under this HS code may require affixation to immovable property in order to operate. Certain types of equipment under this HS code may have additional uses outside MAC industries. 	Yes	Yes	C/M/A	YES
30	842911--BULLDOZERS AND ANGLEDZOZERS, SELF-PROP, TRACK LAY	Bulldozers and angledozers: 842911-- Track laying	Crawler, caterpillar, or track-laying tractors run on two continuous tracks consisting of a number of plates or pads pivoted together and joined to form a pair of endless chains, each encircling two wheels on either side of the vehicle.		\$ 369,972,070 in imports. 4 major Canadian importers. Major exporters: United States.	€ 87,838,381 in imports to the 28 E.U. members. Major exporters: Brazil, Japan, and United States.	<ul style="list-style-type: none"> All machines under 84.29 are self-propelled. 	No	No	C	N/A
31	842919--BULLDOZERS AND ANGLEDZOZERS, SELF-PROP NESOI	Bulldozers and angledozers: 842919-- Other	Includes graders, levelers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers.		\$ 23,587,960 in imports. 16 major Canadian importers. Major exporters: United States.	€ 3,578,175 in imports to the 28 E.U. members. Major exporters: China, Brazil, Japan, Liechtenstein, Norway, etc.	<ul style="list-style-type: none"> All machines under 84.29 are self-propelled. 	No	No	C	N/A
31(a)	842919	Angledozer	Angledozer work best handling broken and granular materials, soils and gravel. The moldboard pivots about it's center point to cast materials left or right.					Yes	No	C	N/A
31(b)	842919	Straight Dozer	Straight Blades can be made very strong, abrasion resistant and puncture resistant for moving large, sharp and abrasive objects.					Yes	No	C	N/A
31(c)	842919	Semi-U Blade	Built much like a Straight Blade but with a deeper profile and closed ends to help keep granular materials in front for long pushes. Semi-U Blades can be built with good abrasion resistance for materials like gravel, and with puncture resistance for handling large angular pieces of rock.					Yes	No	C	N/A





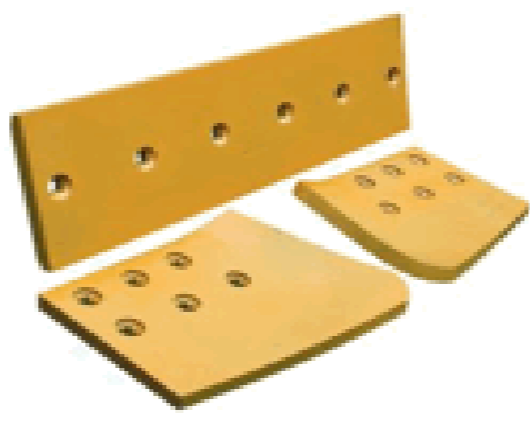
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31(d)	842919	U-Blade	These blades are designed to push large quantities of granular materials over long distances.					No	No	C	N/A
32	842920--GRADERS AND LEVELERS, SELF-PROPELLED	842920-- Graders and levelers	Typical models have three axles, with the engine and cab situated above the rear axles at one end of the vehicle and a third axle at the front end of the vehicle, with the blade in between. Graders are commonly used in the construction and maintenance of dirt roads and gravel roads. In the construction of paved roads they are used to prepare the base course to create a wide flat surface for the asphalt to be placed on.	Grader: 	\$ 253,371,989 in imports. 4 major Canadian importers. Major exporters: United States.	€ 29,899,617 in imports to the 28 E.U. members. Major exporters: Brazil, China, and United States.	• All machines under 84.29 are self-propelled.	No	No	C	N/A
33	842930--SCRAPERS, SELF-PROPELLED	842930-- Scrapers	The scraper is a large piece of equipment used in mining, construction, agriculture for earthmoving.	Elevated scraper: 	\$ 49,936,979 in imports. 11 major Canadian importers. Major exporters: United States.	€ 2,693,326 in imports to the 28 E.U. members. Major exporters: Switzerland, Japan, and United States.	• All machines under 84.29 are self-propelled.	No	No	C/M/A	N/A
34	842940--TAMPING MACHINES AND ROAD ROLLERS, SELF-PROPELLED	842940-- Tamping machines and road rollers	A tamping machine or ballast tamper is a machine used to pack (or tamp) the track ballast under railway tracks to make the tracks more durable. A road roller (sometimes called a roller-compactor, or just roller) is a compactor type engineering vehicle used to compact soil, gravel, concrete, or asphalt in the construction of roads and foundations, similar rollers are used also at landfills or in agriculture.	Tamping machine: 	\$ 112,934,779 in imports. 11 major Canadian importers. Major exporters: Czech Republic, France, United States.	€ 50,792,995 in imports to the 28 E.U. members. Major exporters: China, Japan, Norway and United States.	• All machines under 84.29 are self-propelled.	No	NO	C/M/A	N/A
35	842951--MECH FRONT-END SHOVEL LOADERS, SELF-PROPELLED	Mechanical shovels, excavators and shovel loaders: 842951-- Front-end shovel loaders:	A loader (bucket loader, front loader, front-end loader, payloader, scoop, shovel, skip loader, or wheel loader) is a heavy equipment machine used in construction to move aside or load materials such as asphalt, demolition debris, dirt, snow, feed, gravel, logs, raw minerals, recycled material, rock, sand, woodchips, etc. into or onto another type of machinery. They are also used the mining and agriculture industries.	Front-end shovel loader: 	\$ 1,053,942,038 in imports. 11 major Canadian importers. Major exporters: Germany, South Korea, U.K., and U.S.	€ 352,049,170 in imports to the 28 E.U. members. Major exporters: Australia, China, Japan, Republic of Korea, Norway, Switzerland, Turkey, and United States.	• All machines under 84.29 are self-propelled.	No	No	C/M/A	N/A
35(a)	842951	Back hoe	Is a type of excavator which consists of a tractor, front shovel bucket and small backhoe in the rear. Is the most common excavator used today.					No	No	C/M/A	N/A







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35(b)	842951	Dragline	These excavators are much bigger in size and slightly different. They are used in large-scale applications such as on-surface mining and expansive civil engineering.					No	No	C/M/A	N/A
35(c)	842951	Suction excavators	Also known as vacuum excavators. They use a suction pipe that carries away loose soil and debris, cut using the sharp teeth at the edge of the pipe.					No	No	C/M/A	N/A
35(d)	842951	Long reach/long arm	Excavators with long arm and boom sections. They are mostly used for destruction/demolition tasks like breaking down walls and procedural structural crumbling.					No	No	C/M/A	N/A
35(e)	842951	Crawlers and compact excavators	Crawlers are high horsepower excavators used in mining and other heavy tasks. Compact excavators are generic machines used to lift of soil and debris using hydraulic power mechanisms.					No	No	C/M/A	N/A
35(f)	842951	Power shovels	They are also known as stripping shovels or front shovels. These are high-end machines used in sectional excavation such as mining and digging. They consist of a revolving device, crane with lifting arm and bucket, counter weight and maneuvering controls.					No	No	C/M/A	N/A
35(g)	842951	Wheel loader	Wheel Loader is a front end loading machine. Wheel loaders dig and do secondary loading as well. Wheel loaders which do only secondary loading are called Pay Loaders.					No	No	C/M/A	N/A
36	842952--MECH SHOVELS EXCAVATORS ETC W 360 DEGREE SPRSTRUC	Mechanical shovels, excavators and shovel loaders: 842952-- Machinery with a 360° degrees revolving superstructure	Includes an excavator that is a power-operated shovel with a 360 degree revolving superstructure.	Excavator with a 360 degrees revolving superstructure: 	\$ 1,190,426,552 in imports. 10 major Canadian importers. Major exporters: Germany, Japan, South Korea, Sweden, and United States.	€ 1,132,194,140 in imports to the 28 E.U. Members. Major exporters: China, Japan, Republic of Korea, Liechtenstein, Norway, Switzerland, and United States.	• All machines under 84.29 are self-propelled.	No	No	C/M/A	N/A
37	842959--MECH SHOVELS, EXCAVATORS AND SHOVEL LOADERS NESOI	Mechanical shovels, excavators and shovel loaders: 842959-- Other	Excavators primarily designed for excavation and loading of excavated materials.	Mechanical shovel: 	\$ 159,459,507 in imports. 19 major Canadian importers. Major exporters: China, Japan, South Korea, and United States.	€ 77,409,778 in imports to the 28 E.U. members. Major exporters: China, Japan, Norway, Switzerland, Turkey, and United States.	• All machines under 84.29 are self-propelled.	No	No	C/M/A	N/A










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38	843010--PILE-DRIVERS AND PILE-EXTRACTORS	843010-- Pile-drivers and pile-extractors	Includes a pile driver that is a mechanical device used to drive piles (poles) into soil to provide foundation support for buildings or other structures.	Pile-driver: 	\$ 57,881,331 in imports. 23 major Canadian importers. Major exporters: Finland, Germany, U.K., and U.S.	€ 22,919,424 in imports to the 28 E.U. members. Major exporters: Azerbaijan, Japan, Singapore, and United States.	<ul style="list-style-type: none"> The Explanatory notes state that Chapter 84.30 covers not only fixed machinery, but also mobile machines, whether or not self-propelled. 	No	No	C	N/A
38(a)	843010	843010-- Diesel Hammer	It is a two-stroke diesel engine. A cable from the crane holding the pile driver draws air into the cylinder.					No	No	C	N/A
38(b)	843010	843010-- Vertical Travel Lead Systems	The Vertical Travel Lead is connected to the boom by sliding connection, which allows the lead to be elevated or lowered below grade.					No	No	C	N/A
38(c)	843010	843010-- Hydraulic Hammer	Same process as the diesel hammer, the hydraulic hammer is perhaps more environmentally acceptable.					No	No	C	N/A
38(d)	843010	843010-- Hydraulic Press-in	Using hydraulic rams to press piles into the ground. The press attachments press two pairs of sheet piles at a time.					No	No	C	N/A
38(e)	843010	843010-- Vibratory pile driver-extractor	Horizontal vibrations cancel out, while vertical vibrations are transmitted into the pile. It can be used either for driving or extracting piles.					No	No	C	N/A
38(f)	843010	843010-- Piling rig	Construction machine for piling in foundation engineering. It is mainly applied to drill in sandy soil, clay, silty clay etc.					No	No	C	N/A
39	843020--SNOWPLOWS AND SNOWBLOWERS	843020-- Snowplows and snowblowers	Includes snowblowers mounted on tractors.	Snowblower: 	\$ 142,600,005 in imports. 13 major Canadian importers. Major exporters: China, Italy, South Korea, and United States.	€ 112,487,100 in imports to the 28 E.U. members. Major exporters: China, Japan, Norway, Switzerland, and United States.	<ul style="list-style-type: none"> The Explanatory notes state that Chapter 84.30 covers not only fixed machinery, but also mobile machines, whether or not self-propelled. Certain types of equipment under this HS code may have additional uses outside MAC industries. 	Yes	No	A/C	N/A
40	843031--COAL OR ROCK CUTTERS & TUNNEL MACH, SELF-PROPELLED	Coal or rock cutters and tunneling machinery: 843031-- Self-propelled	Self-propelled machines used to cut rocks and coal as well as machines used for tunneling.	Self-propelled coal cutter: 	No data available for this product.	€ 18,092,405 in imports to the 28 E.U. members. Major exporters: Belarus, China, Hong Kong, Norway, Switzerland, etc.		No	No	M/C	N/A










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41	843039--COAL OR ROCK CUTTERS & TUNNEL MACH, NESOI	Coal or rock cutters and tunneling machinery: 843039-- Other	Includes hammers that are used i) in rock breaking operations and sometimes in tunneling operations and ii) hammers used by backhoe loaders and small excavators in concrete and bituminous/asphalt breaking operations.	Rock breaker: 	\$ 23,595,729 in imports. 9 major Canadian importers. Major exporters: United States.	€ 37,776,751 in imports to the 28 E.U. members. Major exporters: Canada, Hong Kong, Israel, Panama, Switzerland, Turkey, United Arab Emirates, and United States.	<ul style="list-style-type: none"> The Explanatory notes state that Chapter 84.30 covers not only fixed machinery, but also mobile machines, whether or not self-propelled. 	No	No	M	N/A
42	843041--BORING OR SINKING MACHINERY, NESOI, SELF-PROPELLED	Other boring or sinking machinery: 843041-- Self-propelled	Includes a mobile seismic drilling unit to drill holes in the crust of the earth.	Mobile drilling unit: 	\$ 143,012,043 in imports. 26 major Canadian importers. Major exporters: Germany, Italy, and United States.	€ 73,420,818 in imports to the 28 E.U. members. Major exporters: Australia, China, Japan, Republic of Korea, Norway, Switzerland, United Arab Emirates, and United States.		No	No	C/M	N/A
43	843050--MOVING, GRADING ETC MACHINES ETC NESOI, SELF-PROP	843050-- Other [moving, grading, leveling, scrapping, etc.] machinery, self-propelled	Includes i) hydraulic mine roof shield supports that comprise a longwall mining system used in underground coal mining and ii) trenching machines used to cut through bricks, tree roots and hard ground.	Self-propelled motor grader: 	\$ 37,887,490 in imports. 23 major Canadian importers. Major exporters: United States.	€ 53,676,340 in imports to the 28 E.U. members. Major exporters: China, India, Republic of Korea, South Africa, Switzerland, and United States.		No	No	C/M/A	N/A
44	843061--TAMPING OR COMPACTING MACHINERY, NOT SELF-PROPELLED	Other machinery, not self-propelled: 843061-- Tamping or compacting machinery	Includes various soil compactors.	Soil compactor: 	\$ 27,718,492 in imports. 14 major Canadian importers. China, Germany, and United States.	€ 35,545,547 in imports to the 28 E.U. members. Major exporters: China, Japan, Philippines, Switzerland, and United States.	<ul style="list-style-type: none"> The Explanatory notes state that Chapter 84.30 covers not only fixed machinery, but also mobile machines, whether or not self-propelled. 	No	No	C/A	N/A
44(a)	843061	Light Soil Compacting Equipments: Rammers	Rammers are used for compacting small areas by providing impact load to the soil. This equipment is light and can be hand or machine operated.					No	No	C/A	N/A
44(b)	843061	Light Soil Compacting Equipments: Vibrating Plate Compactors	Vibrating plate compactors are used for compaction of coarse soils with 4 to 8% fines. These equipments are used for small areas. Vibratory plates produce low-amplitude, high-frequency vibrations best suited for compacting granular soils.					No	No	C/A	N/A
44(c)	843061	Light Soil Compacting Equipments: Vibro Tampers	Vibro tampers is used for compaction of small areas in confined space. This machine is suitable for compaction of all types of soil by vibrations set up in a base plate through a spring activated by an engine driven reciprocating mechanism.					No	No	C/A	N/A




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44(d)	843061	Heavy Soil Compaction Equipments: Smooth Wheeled Rollers: Static Smooth Wheeled Rollers	The most suitable soils for these roller type are well graded sand, gravel, crushed rock, asphalt etc. where crushing is required. These are used on soils which does not require great pressure for compaction. These rollers are generally used for finishing the upper surface of the soil. These roller are not used for compaction of uniform sands.					No	No	C/A	N/A
44(e)	843061	Heavy Soil Compaction Equipments: Smooth Wheeled Rollers: Vibrating Smooth Wheeled Rollers	In case of vibrating smooth wheeled rollers, the drums are made to vibrate by employing rotating or reciprocating mass. These rollers are expensive but in the long term the cost becomes economical due to their higher outputs and improved performance.					No	No	C/A	N/A
44(f)	843061	Heavy Soil Compaction Equipments: Sheep Foot Roller	Sheep foot rollers are used for compacting fine grained soils such as heavy clays and silty clays. Sheep foot rollers are used for compaction of soils in dams, embankments, subgrade layers in pavements and rail road construction projects. Sheep foot rollers are of static and vibratory types.					No	No	C/A	N/A
44(g)	843061	Heavy Soil Compaction Equipments: Pneumatic Tyred Rollers	Pneumatic tyred rollers are also called as rubber tyred rollers. These rollers are used for compaction of coarse grained soils with some fines. These rollers are least suitable for uniform coarse soils and rocks. Generally pneumatic tyred rollers are used in pavement subgrade works both earthwork and bituminous works.					No	No	C/A	N/A
44(h)	843061	Heavy Soil Compaction Equipments: Grid Rollers	Grid rollers are used for compaction of weathered rocks, well graded coarse soils. These rollers are not suitable for clayey soils, silty clays and uniform soils. The main use of these rollers are in subgrade and sub-base in road constructions.					No	No	C/A	N/A
44(i)	843061	Heavy Soil Compaction Equipments: Pad Foot/Tamping Rollers	These rollers are similar to sheep foot rollers with lugs of larger area than sheep foot rollers. Are designed for compacting cohesive soils and are often used in the confined space of utility trenches. These machines feature large eccentric weights to produce the high impact force and relatively high amplitude needed to compact cohesive clay and mixed soils.					No	No	C/A	N/A






1	A	B	C	D	E	F	G	H	I	J	K	L
2	No.	HS Code and Name	Type	Examples and uses	Images	Import statistics for Canada 2013 (CID) (\$CDN)	Import Statistics for European Union in 2013 (€)	Comments	Accession	Affixable	Category	Multi-Use
95	45	843069--MOVING, GRADING ETC MACHINES ETC NESOI, NO SELF-PR	Other machinery, not self-propelled: 843069-- Other		Concrete level truss screed machine: 	\$ 41,861,608 in imports. 34 major Canadian importers. Major exporters: China, Finland, Japan, South Korea, Mexico and United States.	€ 29,582,372 in imports to the 28 E.U. members. Major exporters: Canada, China, Japan, Republic of Korea, Norway, Switzerland, Turkey, and United States.	<ul style="list-style-type: none"> The Explanatory notes state that Chapter 84.30 covers not only fixed machinery, but also mobile machines, whether or not self-propelled. 	No	Yes	A/C	N/A
96	46	843110--PTS FOR PULLEY TACKLE, HOIST EX SKIP, WINCHES, ETC	843110--[Parts] of machinery of heading 8425 [i.e. Pulley tackle and hoists other than skip hoists; winches and capstans; jacks]	Includes a trailer landing gear designed to be assembled onto trailers. They are composed of hot-rolled, cold-finished non-alloy steel.	Trailer landing gear: 	\$ 99,090,090 in imports. 104 major Canadian importers. Major exporters: Australia, China, Denmark, France, Germany, Italy, Mexico, Netherlands, Sweden, United States.	€ 164,343,452 in imports to the 28 E.U. members. Major exporters: Bosnia and Herzegovina, Canada, China, India, Japan, Republic of Korea, Morocco, Norway, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. Initial information would indicate that these parts maybe individually of relatively low value, and may not be individually identifiable through serial number. 	Yes	Yes	C/A	YES
97	47	843139--PTS FOR LIFTING, HNDLNG, LOADING/UNLNDNG MACH NESOI	843139--[Parts] of machinery of heading 8428 [i.e. Other lifting, handling, loading or unloading machinery (for example, elevators, escalators, conveyors, teleferics)]	Includes i) flight bars and E-bolts are components of armored face chain conveyors used in underground longwall mining applications and ii) items for use with roller conveyors.	Roller conveyor parts: 	\$ 402,685,710 in imports. 223 major Canadian importers. Major exporters: Australia, Austria, China, Finland, Germany, India, Italy, Japan, Malaysia, Slovakia, South Africa, Sweden, etc.	€ 413,685,066 in imports to the 28 E.U. members. Major exporters: Australia, Belarus, Bosnia and Herzegovina, Canada, China, India, Israel, Japan, Republic of Korea, Malaysia, South Africa, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. Initial information would indicate that these parts maybe individually of relatively low value, and may not be individually identifiable through serial number. 	Yes	Yes	M/A/C	YES
98	48	843141--BUCKETS, SHOVELS, GRABS & GRIPS FOR DERRICKS ETC	[Parts] Of machinery of heading 8426 [e.g. Ship's derricks, cranes, etc.], 8429 [e.g. Self-propelled bulldozers, angledozers, graders, etc.] or 8430 [e.g. Other moving, grading, leveling, etc.]: 843141-- Buckets, shovels, grabs and grips	Includes cutterheads and buckets that may be attached to backhoes.	Bulldozer shovel: 	\$ 104,115,851 in imports. 65 major Canadian importers. Major exporters: Australia, China, Finland, Ireland, South Korea, Mexico, U.K., United States, etc.	€ 62,404,574 in imports to the 28 E.U. members. Major exporters: Canada, China, India, Republic of Korea, Malaysia, Morocco, Turkey, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. Initial information would indicate that these parts maybe individually of relatively low value, and may not be individually identifiable through serial number. 	Yes	No	M/A/C	N/A
99	49	843142--BULLDOZER OR ANGLEDOZER BLADES	[Parts] Of machinery of heading 8426 [e.g. Ship's derricks, cranes, etc.], 8429 [e.g. Self-propelled bulldozers, angledozers, graders, etc.] or 8430 [e.g. Other moving, grading, leveling, etc.]: 843142-- Bulldozer or angledozer blades	Includes blades that belong to the class or kind that are principally used on bulldozers and angledozers.	Bulldozer blades: 	\$ 15,360,406 in imports. 13 major Canadian importers. Major exporters: United States.	€ 6,002,858 in imports to the 28 E.U. members. Major exporters: China and United States.	<ul style="list-style-type: none"> This HS code appears to cover parts. Initial information would indicate that these parts maybe individually of relatively low value, and may not be individually identifiable through serial number. 	Yes	No	C/M/A	N/A







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50	843143--PARTS FOR BORING OR SINKING MACHINERY, NESOI	843143-- Parts for boring or sinking machinery of subheading 8430.41 or 8430.49	Includes i) drill collar bars that may be used principally on offshore drilling platforms and ii) non-magnetic drill collars that are solely or principally used on oil and gas well drilling machinery.	Drill collar bars: 	\$ 535,426,358 in imports. 57 major Canadian importers. Major exporters: Australia, Chile, China, Czech Republic, Germany, Italy, Mexico, Netherlands, Poland, etc.	€ 619,247,368 in imports to the 28 E.U. members. Major exporters: Albania, Angola, Australia, Azerbaijan, Brazil, Cameroon, China, Cuba, Egypt, Ghana, India, Israel, Kazakhstan, Malaysia, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. 	Yes	No	M	N/A
51	843149--PARTS AND ATTACHMENTS NESOI FOR DERRICKS ETC.	[Parts] Of machinery of heading 8426 [e.g. Ship's derricks, cranes, etc.], 8429 [e.g. Self-propelled bulldozers, angledozers, graders, etc.] or 8430 [e.g. Other moving, grading, leveling, etc.]: 843149-- Other	Includes i) straddle carriers that are self-propelled machines used in container terminals to load, unload, stack, and transport containers over short distances and ii) jarret shock absorbers that absorb energy in order to reduce shock forces, thus protecting equipment against excessive impact loads.	Straddle carrier: 	\$ 1,223,191,627 in imports. 84 major Canadian importers. Major exporters: Australia, Austria, Belgium, Brazil, Chile, China, Czech Republic, Hungary, India, Latvia, Malaysia, Mexico, Philippines, etc.	€ 1,333,043,959 in imports to the 28 E.U. members. Major exporters: Australia, Azerbaijan, Bosnia and Herzegovina, Brazil, Canada, China, Congo, Egypt, India, Indonesia, Japan, Republic of Korea, etc.	<ul style="list-style-type: none"> Certain types of equipment under this HS code may have additional uses outside MAC industries. 	No	NO	C/A	N/A
52	843210--PLOWS FOR SOIL PREPARATION OR CULTIVATION	843210-- Plows	It includes plows that are large farming implements with one or more blades affixed to a frame, drawn by a tractor and used for cutting furrows in the soil and turning it over, especially to prepare for the planting of seeds.	Plow: 	\$ 35,185,477 in imports. 12 major Canadian importers. Major exporters: United States.	€ 56,426,237 in imports to the 28 E.U. members. Major exporters: China, Norway, and Turkey.		No	No	A	N/A
52(a)	843210	Moldboard plow	The MouldBoard version cut the furrow slices into pulverised form. The main use of this tool is to cover vegetables and green manure crops. It is also used for inverting grass into the soil after rainfall. There are three different types of mouldboard plough: trailed, mounted and semi mounted.					Yes	No	A	N/A
52(b)	843210	Chisel plow	This type of plow is for breaking up the soil. Typically, we use chisel plows for deep tillage. Chisel plows disturb the soil below the surface, and try to reduce the amount of top layers disturbed.					Yes	No	A	N/A
52(c)	843210	Ridge plow	We use these types of plows to create ridges for particular crops.					Yes	No	A	N/A







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52(d)	843210	Disc plow	Disc plows cut in terms soil by using discs instead of a wedge-shaped blade. The idea behind using a disk instead of something like a mold board plow is to help reduce friction. The Disc Plows can generally be divided into 2 categories. They are: Bullock Based and Tractor Based.					Yes	No	A	N/A
52(e)	843210	Subsoiler	The subsoiler, sometimes called a mole plow, attaches rake blades (also named rippers) to a plow frame to dig deep below the surface of the field.					Yes	No	A	N/A
52(f)	843210	Rotary hoe or rotary plow	This type of plough is very popular nowadays due to their specific use in seed bed preparation. The cutting of soil is done by steel tines or blades.					Yes	No	A	N/A
52(g)	843210	Reversible plow	This type of plough is very popular nowadays due to their specific use in seed bed preparation. The cutting of soil is done by steel tines or blades.					Yes	No	A	N/A
53	843221--DISC HARROWS	Harrows, scarifiers, cultivators, weeders and hoes: 843221-- Disc harrows	Includes a disc harrow that is a farm implement that is used to cultivate the soil where crops are to be planted. It is also used to chop up unwanted weeds or crop remainders. It consists of many iron or steel discs which have slight concavity and are arranged into two or four sections.	Disc harrow: 	\$ 56,132,123 in imports. 10 major Canadian importers. Major exporters: United States.	€ 2,222,506 in imports to the 28 E.U. members. Major exporters: China, New Zealand, Russia, Serbia, Turkey, etc.		Yes	No	A	N/A
53(a)	843221	Spring Harrows	This type of harrow is an older style. It isn't used very often. It uses flexible iron teeth that mounted in rows to loosen up the soil to prepare it for planting.					Yes	No	A	N/A
53(b)	843221	Roller Harrow	We use roller harrows to prepare soil for seed planting. They are supposed to crush the soil and break up any lumps of dirt. Usually this type of harrows follows a spring harrow.					Yes	No	A	N/A
53(c)	843221	Chain Harrow	We use chain harrows to aerate the soil, lift matter off the ground, and to help spread out matter in the field. Sometimes they to cover seed, and loosen packed soil.					Yes	No	A	N/A
54	843229--HARROWS EX DISC, SCARIFIERS CULTIVATORS HOES ETC	Harrows, scarifiers, cultivators, weeders and hoes: 843229-- Other	It includes a cultivator that may be used for breaking sod, preparing seed beds and for cultivating gardens and flower beds.		\$ 64,032,629 in imports. 26 major Canadian importers. Major exporters: China, Italy, and United States.	€ 81,645,535 in imports to the 28 E.U. members. Major exporters: China, Japan, Serbia, Turkey, Ukraine, and United States.		Yes	No	A	N/A






1	A	B	C	D	E	F	G	H	I	J	K	L
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115	55	843230--SEEDERS, PLANTERS AND TRANSPLANTERS	843230-- Seeders, planters and transplanters	It includes i) seeder which is a machine for sowing seed mechanically; ii) planters which is an implement or machine for planting seeds in the ground; and iii) a seed drill that may be used for pasture overseeding or for use over plowed ground.	<p>Seeder:</p> 	<p>\$ 169,263,021 in imports.</p> <p>10 major Canadian importers.</p> <p>Major exporters: Italy, Netherlands, and United States.</p>	<p>€ 26,148,632 in imports to the 28 E.U. members.</p> <p>Major exporters: Canada, Switzerland, Turkey, and United States.</p>		No	No	A	N/A
116	55(a)	843230	Broadcast Seeder	Also called a rotary spreader. Quick, efficient way to spread seed, fertilizer, weed and pest control or ice melt. Has a hopper on a metal cart. The broadcast platform turns as the wheels move across the yard. Feathers the spread of seed, eliminating sharply defined edges of spread.					No	No	A	N/A
117	55(b)	843230	Air Seeder	Air seeders tend work best with smaller seeds because the way they operate. Aren't as multi-purpose as others seeders can be. Need to be used with round and small seeds.					No	No	A	N/A
118	55(c)	843230	Box Drill Seeder	They are the ones that you use for most seeds. Many small farms use box drills because they are multi-purpose.					No	No	A	N/A
119	55(d)	843230	Planters	Planters are the most accurate type of seeder available, and they are the most expensive ones.					No	No	A	N/A
120	55(e)	843230	Drop Seeder	Spreads precise seed and fertilizer spreading over smaller areas. Dispenses material with the pull of a lever.					No	No	A	N/A
121	55(f)	843230	Handheld Spreader	Used to spread small amounts of fertilizer, grass seed or ice melt. Since it does not have wheels, the spreader uses a hand-turned lever to spin the broadcast platform.					No	No	A	N/A
122	56	843240 -- MANURE SPREADERS	Manure Spreaders	It includes i) a manure spreaders, muck spreaders or honey wagons which are agricultural machines used to distribute manure over a field as a fertilizer and ii) a fertilizer distributor which is a machine used to distribute fertilizer evenly into crops.	<p>Manure spreader (attached to tractor):</p> 	<p>\$ 38,855,427 in imports.</p> <p>35 major Canadian importers.</p> <p>Major exporters: China, Germany, Italy, Mexico, and United States.</p>	<p>€ 9,259,943 in imports to the 28 E.U. members.</p> <p>Major exporters: China and United States.</p>		No	No	A	N/A
123	56(a)	843240	Box spreaders with spinner beaters	This spinner discharge can handle many dry, flowable, high-value materials such as compost, poultry litter, and industrial materials. A heavy-duty metering endgate, effectively controls the movement of materials to the spinners.					No	No	A	N/A






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56(b)	843420	Box spreaders with horizontal beaters	A box spreader with horizontal beaters is a great choice for a basic manure spreader. It has a relatively low power requirement and is simple to operate. In addition, the spread pattern of this type of machine is relatively narrow and covers just the width of the spreader to the outside of the tire tracks.					No	No	A	N/A
56(c)	843240	Box spreaders with vertical beaters	These spreaders provide an excellent spread pattern and exceptional breakup of materials. These characteristics, combined with a fast unloading time, make this type of spreader an ideal choice for producers seeking to take maximum advantage of the nutrient value of their manure, from pen pack to dry yard manure.					No	No	A	N/A
56(d)	843240	Side discharge spreader	Side discharge spreaders provide excellent material breakup and have the widest spread pattern of the four spreader types. In addition, this type of spreader provides the finest and thinnest application of wet manure, due to our undershot hammer design, making these machines ideal for top dressing on tender forage crops and spreading manure at low tons-per-acre application rates.					No	No	A	N/A
56(e)	843240 -- FERTILIZER DISTRIBUTORS	Rotary fertilizer spreader	The rotary spreader is used for spreading dry, evenly-sized fertilizers such as granular fertilizer. Rotary spreaders provide even coverage for soil and can also be used to reseed lawns and spread salt on winter ice. The rotary fertilizer spreader releases fertilizer onto a disk that throws in a semi-circle ahead of the machine.					No	No	A	N/A
56(f)	843240	Liquid fertilizer spreader	Liquid fertilizer spreaders work by attaching a garden hose to a canister with an adapter nozzle. The canister contains dry fertilizer that is designed to dissolve quickly. The fertilizer is then sprayed out the end of the adapter nozzle. Liquid spreaders are good for quick, light fertilizing jobs, but lack the accuracy and even application provided by rotary or drop spreaders.					No	No	A	N/A



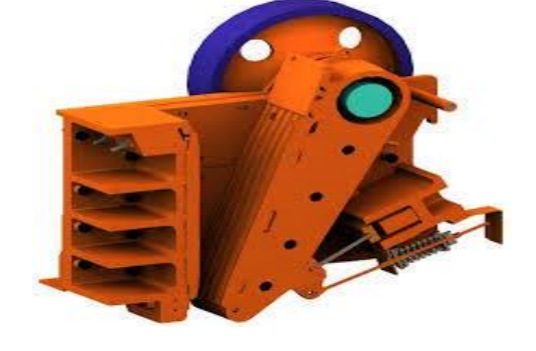





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56(g)	843240	Drop fertilizer spreader	The drop spreader can be used for granular fertilizer or uneven materials like mulch or compost. It requires open space for best results, as it must be worked in straight, overlapping lines. On each pass of a drop fertilizer spreader, you cover half of the previous pass. This is usually accomplished by matching up a marker with the wheel track of the previous pass					No	No	A	N/A
57	843280-- AGRIL,HORT,FORSTY MACH FOR SOIL PREP OR CULTIVATE	843280-- Other [agricultural, horticultural, or forestry] machinery [for soil cultivation]	It includes tow behind spreaders, aerators, and de-thatchers used in agriculture.	Dethatcher: 	\$ 55,059,686 in imports. 67 major Canadian importers. Major exporters: China, France, Italy, South Korea, Netherlands, Taiwan, U.K., and United States	€ 44,002,127 in imports to the 28 E.U. members. Major exporters: Australia, Canada, China, Japan, Norway, Switzerland, and United States.		Yes	No	A	N/A
58	843290--AGRIC HORT/FOREST MACHY & LAWN/GROUND ROLLER PARTS	843290--Parts [for agricultural, horticultural or forestry machinery for soil preparation or cultivation]	It includes a i) hub that is specifically designed and marketed for installation on disc harrows, cultivators, rippers and mouldboard ploughs, all of which are used in farming and agriculture and ii) two wheel and tire assemblies designed and imported in order to be installed and used on agricultural spreaders.	Agricultural spreader: 	\$ 173,049,279 in imports. 35 major Canadian importers. Major exporters: Austria, China, Finland, Germany, India, Japan, South Korea, Netherlands, Spain, U.K., and United States.	€ 177,644,657 in imports to the 28 E.U. members. Major exporters: Brazil, Canada, China, India, Japan, Norway, Serbia, Switzerland, Turkey, Ukraine, and United States.		Yes	No	A	N/A
59	843311--MOTORISED LAWN MOWERS	Rotary push mowers	They are always motorized in some way, powered either by gas, petrol or electrically. The rotary mowers are powerful and well adapted to lawns with weeds and dandelions. They are quite heavy to push, but usually come with motorized wheels (self-propelled) have one very high speed rotating blade underneath. The blade 'chops' the grass on impact due to its very high speed. Most rotary mowers have the grass box behind with a few having an integral grass box. These mowers work best on a medium to high cut.		\$ 307,922,586 in imports. 8 major Canadian importers. Major exporters: China and United States.	€ 544,494,291 in imports to the 28 E.U. members. Major exporters: China, Hong Kong, Israel, Japan, Mexico, and United States.	• Certain types of equipment under this HS code may have additional uses outside MAC industries.	No	No	A	N/A
59(a)	843311	Riding mower (ride-on mower)	Instead of walking with the machine, these mowers have a seat and the operator controls and steers the machine while riding it. Suitable for larger lawns with not too many trees or other obstacles on the lawn.					No	No	A	N/A



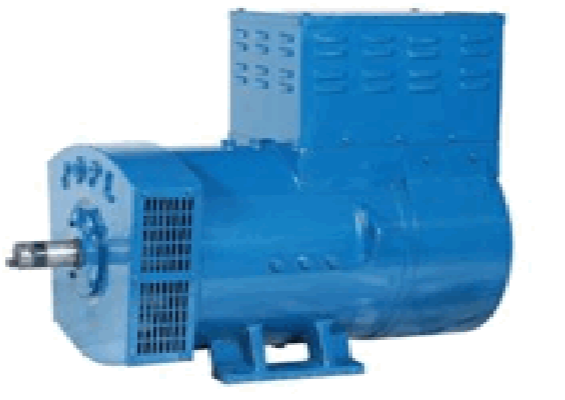


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59(b)	843311	Zero-turn mower	These machines are constructed for easy maneuverability around obstacles and confined spaces, having a zero turning radius. They are often quite large and expensive					No	No	A	N/A
59(c)	843311	Tractor Lawn Mower	This machine is built as a small tractor with a mower mounted between the front and rear wheel axes. A lawn tractor can easily be equipped with e.g carts or aerators, some even with snow plow blades, so they are more versatile than the riding mower. And usually more expensive.					No	No	A	N/A
59(d)	843311 -- MANUAL LAND MOWERS	Push Reel Mowers (cylinder)	A cylinder lawn mower or reel mower has anywhere between five to twelve exposed blades at the front of the mower that rotate trapping and slicing the grass blades against a fixed bottom plate like a pair of scissors. The more blades there are the better the cut. The grass box is at the front.					No	No	A	N/A
59(e)	843311 -- ELECTRIC MOWERS	Electric land mower	An electric mower are inexpensive to operate and relatively easy to maintain. Most of the machines described above today come in electric models, either corded or cordless. They are well worth considering as a quiet and eco-friendly choice.					No	No	A	N/A
59(f)	843311 -- OTHER TYPES	Hover mower	These mowers are motorized with a rotary blade, but they have no wheels. Instead, they are 'floating' above the ground on a cushion of air - hovering. They are especially useful for steep hills or slopes, where regular mowers would slip or even be dangerous to use.		approx. \$2.500			No	No	A	N/A
59(g)	843311	Robotic land mower	Robotic mowers are small robots that mow the lawn on their own. It automatically visits its loading station when the battery is going low, there are also solar hybrid models. The robot covers an area within electric perimeter wires buried in the ground. Robotic mowers are quiet, safe, non-polluting, and give an even and good trim to your lawn. Due to its innovative technology the price is high from a consumer's perspective.		\$849 (Husqvarna)			No	No	A	N/A





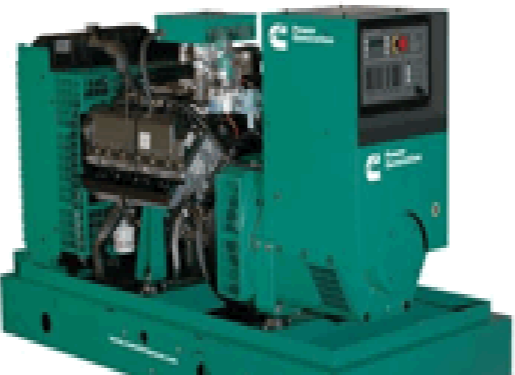
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140	60	843319--MOWERS FOR LAWNS EXC PWRD W HORZNTL ROTATING CUTTR	Mowers for lawns, parks or sports grounds: 843319-- Other	It includes a push reel lawn mower that is constructed of steel and has two plastic wheels and two foam handle grips.	Push reel lawn mower: 	\$ 34,273,377 in imports. 7 major Canadian importers. Major exporters: China and United States.	€ 145,449,354 in imports to the 28 E.U. members. Major exporters: China, Japan, and United States.		No	No	A	N/A
141	61	843320--MOWERS, NESOI, INC CUTTER BAR FOR TRACTOR MOUNTING	843320-- Other mowers, including cutter bars for tractor mounting	It includes i) cutter bars for tractor mounting and ii) heavy duty mowers principally designed to cut grass, stubble and other growth.	Cutting bar for tractor mounting: 	\$ 65,849,837 in imports. 12 major Canadian importers. Major exporters: Italy, South Korea, Netherlands, and United States.	€ 29,472,849 in imports to the 28 E.U. members. Major exporters: Canada, China, Japan, New Zealand, Switzerland, and United States.		Yes	No	A	N/A
142	62	843330--HAYING MACHINES OTHER THAN MOWERS	843330-- Other haymaking machinery	It includes i) haying machines that are used after cutting and before windrowing, and use moving forks to aerate or "wuffle" the hay and thus speed-up the process of hay-making and ii) bale processors designed to load and shred most types of baled forage, used for roadside, conservation or cattle straw/hay spreading.	Haying machine (attached to tractor): 	\$ 73,386,474 in imports. 4 major Canadian importers. Major exporters: Italy and Netherlands.	€ 5,098,961 in imports to the 28 E.U. members. Major exporters: China, Switzerland, and United States.		No	No	A	N/A
143	63	843340--STRAW OR FODDER BALERS, INCLUDING PICK-UP BALERS	843340-- Straw or fodder balers, including pick-up balers	It includes balers that are machinery used to compress a cut and raked crop (such as hay, cotton, straw, or silage) into compact bales that are easy to handle, transport, and store.	Fodder baler: 	\$ 75,435,612 in imports. 4 major Canadian importers. Major exporters: No report available.	€ 43,480,944 in imports to the 28 E.U. members. Major exporters: Norway, Switzerland, and Untied States.		No	No	A	N/A
144	64	843351--COMBINE HARVESTER-THRESHERS	Other harvesting machinery; threshing machinery: 843351-- Combine harvester-threshers	A combine harvester is a machine that harvests grain crops.	Combine harvester: 	No data available for this product.	€ 159,491,641 in imports to the 28 E.U. members. Major exporters: Belarus, Russia, Turkey, and Untied States.		No	No	A	N/A
145	65	843352--THRESHING MACH, EXC COMBINE HARVESTER-THRESHERS	Other harvesting machinery; threshing machinery: 843352-- Other threshing machinery	It includes a thresher designed and used to separate grain from stalks and husks.	Thresher: 	\$ 3,741,004 in imports. 10 major Canadian importers. Major exporters: United States.	€ 1,953,862 in imports to the 28 E.U. members. Major exporters: Canada and Russia		No	No	A	N/A









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66	843353--ROOT OR TUBER HARVESTING MACHINES	Other harvesting machinery; threshing machinery: 843353-- Root or tuber harvesting machines	It includes machines used to harvest root crops.	Root harvesting machine: 	\$ 21,598,605 in imports. 5 major Canadian importers. Major exporters: United States.	€ 2,201,785 in imports to the 28 E.U. members. Major exporters: Canada, Moldova, Serbia, Switzerland, and United States.		Yes	No	A	N/A
67	843359--HARVESTING MACHINERY, NESOI	Other harvesting machinery; threshing machinery: 843359-- Other	It includes i) a seed drill that may be used for pasture overseeding or for use over plowed ground and ii) tree shaking harvester that applies force to dislodge the tree's produce.	Tree shaking harvester: 	\$ 47,976,394 in imports. 34 major Canadian importers. Major exporters: Netherlands and United States.	€ 19,372,996 in imports to the 28 E.U. members. Major exporters: Canada, China, Switzerland and United States.		No	No	A	N/A
	843390--PARTS FOR HARVESTER, GRASS MOWERS, SORTING EGG ETC	Mowers for lawns, parks or sports grounds: 843390-- Parts	Parts for the mowers described above under Items 59 and 60.	Grooming mower: 	\$ 336,677,196 in imports. 18 major Canadian importers. Major exporters: Austria, China, Czech Republic, Denmark, Hungary, India, Italy, South Korea, Netherlands, Sweden, Taiwan, Turkey, etc.	€ 250,793,301 in imports to the 28 E.U. members. Major exporters: Argentina, Brazil, Canada, China, Hong Kong, India, Israel, Japan, New Zealand, Norway, Russia, Serbia, Switzerland, etc.		Yes	No	A	N/A
69	843610--MACHINERY FOR PREPARING ANIMAL FEEDS	843610-- Machinery for preparing animal feeds	It includes cutter-mixer-feeders that may be tractor-drawn or truck mounted. These machines can cut roughage to desired lengths.	Fish feed mill production machine: 	\$ 17,050,857 in imports. 33 major Canadian importers. Major exporters: Netherlands and United States	€ 27,063,726 in imports to the 28 E.U. members. Major exporters: China, Israel, and United States.	• Certain types of equipment under this HS code may require affixation to immovable property in order to operate.	No	Yes	A	N/A
70	843680--AGRIC, HORT, FOREST, BEE-KEEPING MACHINERY NESOI	843680-- Other machinery	It includes i) an agricultural tractor with a readily-removable wood harvester unit; ii) a tree harvesting machine is a tracked excavator-like propelling base which is specifically designed to be used with a variety of harvesting heads for the first thinning of trees; and iii) a wood chipper designed to chip branches and cuttings from trees and shrubs.	Honey-processing machine: 	\$ 174,659,077 in imports. 76 major Canadian importers. Major exporters: Australia, Austria, China, Denmark, Finland, Germany, Netherlands, United States, etc.	€ 88,645,259 in imports to the 28 E.U. members. Major exporters: Canada, China, Japan, Norway, Switzerland, and United States.	• Certain types of equipment under this HS code may require affixation to immovable property in order to operate.	Yes	Yes	A	N/A









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71	843699--PTS FOR AGRIC, HORT, FOREST, BEE-KEEP MACH NESOI	Parts: 843699-- Other	It includes i) bee-keeping machinery; ii) machinery for preparing animal feeds; iii) and forestry machinery.	<p>Food processing machinery:</p> 	<p>\$ 99,174,076 in imports.</p> <p>80 major Canadian importers.</p> <p>Major exporters: Austria, China, Denmark, France, Germany, Israel, South Korea, Netherlands, Spain, Sweden, and United States.</p>	<p>€ 60,755,820 in imports to the 28 E.U. members.</p> <p>Major exporters: Canada, China, India, Israel, New Zealand, Norway, Switzerland, and United States.</p>	<ul style="list-style-type: none"> Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	No	Yes	A	N/A
72	846711--PNEUMATIC ROTARY TYPE TOOLS FOR WORK IN THE HAND P	Pneumatic [motors]: 846711-- Rotary type (including combined rotary-percussion):	It includes a i) sanding system; ii) pneumatic die grinder kit; and iii) grinders, polishers and sanders suitable for metal working.	<p>Pneumatic vane gearmotor:</p> 	<p>\$ 73,186,078 in imports.</p> <p>26 major Canadian importers.</p> <p>Major exporters: China, Germany, India, Italy, Japan, Taiwan, United States, etc.</p>	<p>€ 109,308,588 in imports to the 28 E.U. members.</p> <p>Major exporters: China, India, Japan, Switzerland, Taiwan, and United States.</p>	<ul style="list-style-type: none"> This HS code appears to cover parts. 	Yes	No	C/M/A	YES
73	846719--PNEUMATIC EX ROTARY TYPE TOOLS FOR WORK IN HAND	Pneumatic: 846719-- Other	It includes i) an air nibbler which is a sheet metal cutting tool; ii) a spring blade that is used to affix drywall to light gauge steel; and iii) pruning tying machine used to tie bundled nursery stock such as fruit trees and grape vines.	<p>Pruning machine:</p> 	<p>\$ 59,884,933 in imports.</p> <p>34 major Canadian importers.</p> <p>Major exporters: China, France, India, Italy, Japan, South Korea, Mexico, Poland, Sweden, Thailand, etc.</p>	<p>€ 78,745,273 in imports to the 28 E.U. members.</p> <p>Major exporters: China, India, Japan, Switzerland, Taiwan, and United States.</p>	<ul style="list-style-type: none"> This HS code appears to cover parts. 	Yes	No	A	N/A
73(a)	846719	Topper/Hedgers	Designed to meet the growing demand for extra reach and a wider cutting pass in the topping position. The center boom provides the ability to operate efficiently in tight planted orchards of all varieties and provides the ability to gable top a tree in one pass.					No	No	A	N/A
73(b)	846719	Dual Boom Hedgers	Designed to hedge both sides of a row in a single pass. The unique design of the machine ensures that the width and angle of the cutting arms are equal with respect to the center of the machine regardless of their adjusted position.					No	No	A	N/A







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73(c)	846719	Skirters	Have branches which stretch clear to the ground. These branches must be pruned in order to allow efficient and clean harvesting. Furthermore, in order to get maximum yield from a given area, rows are planted relatively close together. Once bushes are mature hedging is required for access and sunlight penetration.					No	No	A	N/A
74	847420-- CRUSHING/GRINDING MACH FOR EARTH STONE MNERL SUBS	847420-- Crushing or grinding machines	It includes i) a crushing machine designed to reduce large rocks into smaller rocks, gravel, or rock dust and ii) a grinding machine that is a power tool used for grinding, which is a type of machining using an abrasive wheel as the cutting tool.	Stone crushing machine: 	\$ 110,493,179 in imports. 41 major Canadian importers. Major exporters: Brazil, Finland, Germany, etc.	€ 62,018,773 in imports to the 28 E.U. members. Major exporters: Canada, China, India, Japan, Republic of Korea, Norway, Russia, Switzerland, etc.		No	No	C/M	N/A
74(a)	820713	Hydraulic Crusher: Jaw Crusher	Ideal for mining, surface or underground application. Created crush hardest materials: rock (hard&soft) gravel; recycling; industrial material, slag foundry waste."					No	Yes	C/M	N/A
74(b)	820713	Hydraulic Crusher: Gyratory Crusher	Both Stationary and semi-mobile, this machine crushes the hardest rock and ores. 600 rpm, it can function with a 1600 hp motor.					No	Yes	C/M	N/A
74(c)	820713	Hydraulic Crusher: Cone Crusher	A cone crusher breaks rock by squeezing the rock between an eccentrically gyrating spindle, which is covered by a wear resistant mantle, and the enclosing concave hopper, covered by a manganese concave or a bowl liner.					No	Yes	C/M	N/A
74(d)	820713	Hydraulic Crusher: Compound Crusher	Are vertical fine crushers. Used for raw materials, especially highway stone and artificial stone (limestone).					No	Yes	C/M	N/A
74(e)	820713	Hydraulic Crusher: Horizontal Shaft Impactor	The HSI crushers break rock by impacting the rock with hammers that are fixed upon the outer edge of a spinning rotor. HSI machines are sold in Stationary, trailer mounted and crawler mounted configurations. HSI's are used in recycling, hard rock and soft materials.					No	Yes	C/M	N/A
74(f)	820713	Hydraulic Crusher: Vertical Shaft Impactor	VSI crushers use a different approach involving a high speed rotor with wear resistant tips and a crushing chamber designed to 'throw' the rock against. The VSI crushers utilize velocity rather than surface force as the predominant force to break rock.					No	Yes	C/M	N/A






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171	78	847990--PTS OF MACH/MECHNCL APPL W INDVDUL FUNCTION NESOI	847990-- Parts	It includes parts related to i) submersible remote operated vehicle (ROV) used in the oil and gas industry to facilitate deepwater repairs on their facilities and ii) fan guards generally attached to the exterior of electromechanical machines with a self-contained motor and fan and are designed to match the sizes of the standard fans used in various appliances/machines and ii) aluminum sunshade blades that may be mounted or welded to the building.	ROV: 	\$ 554,592,165 in imports. 355 major Canadian importers. Major exporters: Australia, Austria, Brazil, Bulgaria, China, Czech Republic, Hungary, India, Malaysia, Mexico, Philippines, Turkey, United Arab Emirates, etc.	€ 1,139,380,135 in imports to the 28 E.U. members. Major exporters: Australia, Bahamas, Brazil, Canada, China, Hong Kong, Japan, India, Liechtenstein, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. 	Yes	Yes	C/M	N/A
172	79	848310-- TRANSMISSION SHAFTS (INC CAM-&CRANK-SHAFT), ETC.	848310-- Transmission shafts (including camshafts and crankshafts) and cranks:	Includes a i) transmission shaft which is a rotating shaft that transmits rotary motion from the engine to the differential; ii) spark plugs and crankshafts for internal combustion engines for motorcycles; and iii) crankshafts used to power chainsaws.	Transmission shaft: 	\$ 511,678,185 in imports. 21 major Canadian importers. Major exporters: Australia, China, France, India, Hungary, Italy, Slovakia, South Africa, Turkey, etc.	€ 716,937,593 in imports to the 28 E.U. members. Major exporters: Belarus, Bosnia and Herzegovina, Brazil, China, Canada, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	No	A	YES
173	80	850161 - ELECTRIC MOTORS AND GENERATORS OF AN OUPUT NOT > 75 KVA	AC generators (alternators): 850161-- Of an output not exceeding 75 kVA	It includes i) generators and motors for AC units; ii) alternators used in motor vehicles; iii) fuel cell generators which are inverters used to produce AC power.	AC single phase alternator: 	\$ 67,524,428 in imports. 5 major Canadian importers. Major exporters: China, Czech Republic, Italy, Japan, etc.	€ 113,444,423 in imports to the 28 E.U. members. Major exporters: Canada, China, India, Japan, Malaysia, Norway, Russia, Singapore, etc.	<ul style="list-style-type: none"> This HS code appears to cover engines. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	No	C/M/A	YES
174	81	850162 - ELECTRIC MOTORS AND GENERATORS OF AN OUPUT > 75 KVA BUT NOT > 375 KVA	AC generators (alternators): 850162-- Of an output exceeding 75 kVA but not exceeding 375 kVA	It includes i) electric generators that include a rotor which is turned by a mechanical device like an internal combustion engine, or steam or water turbines and ii) a cell power plant makes use of a fuel processor to extract hydrogen from natural gas.	AC generator – 250 kVa: 	\$ 16,230,436 in imports. 8 major Canadian importers. Major exporters: China and United States	€ 75,095,231 in imports to the 28 E.U. members. Major exporters: Canada, China, Republic of Korea, Malaysia, Russia, Saudi Arabia, etc.	<ul style="list-style-type: none"> This HS code appears to cover engines. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	Yes	C/M/A	N/A
175	82	850163 - ELECTRIC MOTORS AND GENERATORS OF AN OUPUT > 375 KVA BUT NOT > 750 KVA	AC generators (alternators): 850163-- Of an output exceeding 375 kVA but not exceeding 750 kVA	Same as above but higher capacity.	AC generator – 500kVa: 	\$ 6,905,573 in imports. 6 major Canadian importers. Major exporters: Mexico and United States.	€ 17,767,878 in imports to the 28 E.U. members. Major exporters: China, Republic of Korea, Russia, and United States.	<ul style="list-style-type: none"> This HS code appears to cover engines. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	Yes	C/M/A	N/A

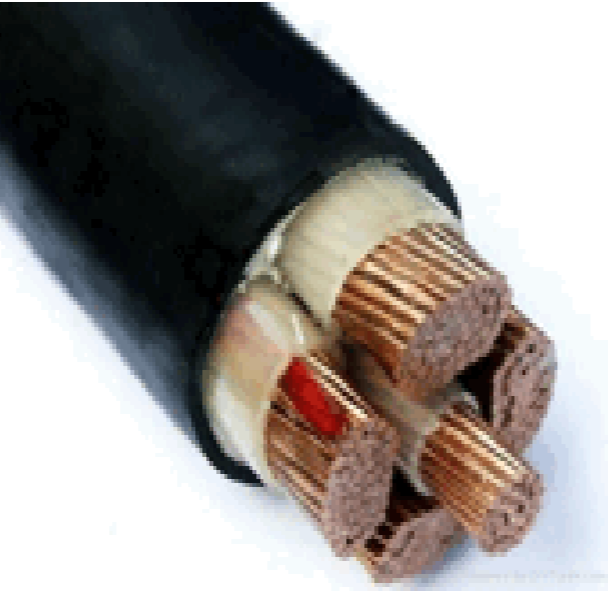



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1	Preliminary list of HS codes for inclusion under the MAC Protocol - As of 15 October 2015											
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176	83	850164 - ELECTRIC MOTORS AND GENERATORS OF AN OUTPUT > 750 KVA	AC generators (alternators): 850164-- Of an output exceeding 750kVA	Same as above but higher capacity.	AC generator – 1000kVA: 	\$ 34,677,007 in imports. 11 Major Canadian importers. Major exporters: United States.	€ 165,572,881 in imports to the 28 E.U. members. Major exporters: Brazil, China, India, Republic of Korea, Mexico, Norway, Serbia, Turkey, etc.	<ul style="list-style-type: none"> This HS code appears to cover engines. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	Yes	C/M/A	YES
177	84	850211 - ELECTRIC GENERATING SETS AND ROTARY CONVERTERS, OUTPUT NOT > 75 KVA	Generating sets with compression-ignition internal combustion piston engines(diesel or semi-diesel engines): 850211-- Of an output not exceeding 75 kVA	It includes power generating sets that may be installed underneath a truck frame between the truck cab and trailer and is fueled by the truck's fuel tank.	Diesel generating set – 50kVa: 	\$ 78,660,318 in imports. 23 major Canadian importers. Major exporters: China, Germany and United States.	€ 63,095,355 in imports to the 28 E.U. members. Major exporters: China, India, Japan, Switzerland, Turkey, and United States.	<ul style="list-style-type: none"> This HS code appears to cover engines. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	Yes	C/M/A	YES
178	85	850212 - ELECTRIC GENERATING SETS AND ROTARY CONVERTERS, OUTPUT > 75 KVA BUT NOT > 375 KVA	Generating sets with compression-ignition internal combustion piston engines(diesel or semi-diesel engines): 850212-- Of an output exceeding 75 kVA but not exceeding 375 kVA	Same as above but higher capacity.	Diesel generating set – 150 kVa: 	\$ 69,028,419 in imports. 22 major Canadian importers. Major exporters: China and United States.	"€ 27,036,459 in imports to the 28 E.U. members. Major exporters: China, Norway, Turkey, and United States. " Major exporters: China, Norway, Turkey, and United States.	<ul style="list-style-type: none"> This HS code appears to cover engines. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	Yes	C/M/A	YES
179	86	850213 - ELECTRIC GENERATING SETS AND ROTARY CONVERTERS, OUTPUT > 375 KVA	Generating sets with compression-ignition internal combustion piston engines(diesel or semi-diesel engines): 850213-- Of an output exceeding 375kVA	Same as above but higher capacity.	Diesel generating set: 	\$ 149,110,671 in imports. 9 major Canadian importers. Major exporters: United States.	€ 112,040,837 in imports to the 28 E.U. members. Major exporters: Brazil, China, Japan, Republic of Korea, Norway, Turkey, Ukraine, United Arab Emirates, etc.	<ul style="list-style-type: none"> This HS code appears to cover engines. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	Yes	C/M/A	YES
180	87	850220 - GENERATING SETS WITH SPARK-IGNITION INTERNAL COMBUSTION PISTON ENGINES	850220-- Generating sets with spark-ignition internal combustion piston engines	It includes i) a portable generator for consumer use to supply electrical power and ii) a heat recovery system to the generator set that may be attached to a heat recovery system to produce heat that is captured and used to heat water.	Portable generator: 	\$ 198,732,880 in imports. 27 major Canadian importers. Major exporters: China and United States.	€ 123,856,351 in imports to the 28 E.U. members. Major exporters: China, Japan, Norway, Switzerland, Thailand, and United States.	<ul style="list-style-type: none"> This HS code appears to cover engines. Certain types of equipment under this HS code may require (temporary) affixation to immovable property in order to operate. 	Yes	Yes	C/M/A	YES
181	88	850300 - PARTS FOR USE WITH MACHINES OF 8501 OR 8502	850300-- Parts suitable for use solely or principally with the machines of heading 8501 [i.e. Electric motors and generators (excluding generating sets)] or 8502 [i.e. Electric generating sets and rotary converters]	It includes parts for items covered by items 80-87 in this list.		\$ 239,436,437 in imports. 37 major Canadian importers. Major exporters: China, Germany, Hungary, Italy, Malaysia, Mexico, Taiwan, etc.	€ 1,304,767,521 in imports to the 28 E.U. members. Major exporters: Albania, Australia, Bosnia and Herzegovina, Brazil, Canada, China, etc.	<ul style="list-style-type: none"> This HS code appears to cover parts. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	Yes	Yes	C/M/A	N/A





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2	No.	HS Code and Name	Type	Examples and uses	Images	Import statistics for Canada 2013 (CID) (\$CDN)	Import Statistics for European Union in 2013 (€)	Comments	Accession	Affixable	Category	Multi-Use
182	89	870130--TRACK-LAYING TRACTORS	870130-- Track-laying tractors	It includes tractors propelled using a track-laying mechanism (i.e. continuous band of treads driven by two or more wheels).	Track-laying tractor: 	No data available for this product.	€ 94,408,105 in imports to the 28 E.U. members. Major exporters: Canada, Switzerland, and United States.		No	No	C	N/A
183	89(a)	870130	Half Track Type Tractors	In these types of Tractors, a small track chain is fitted at the rear end only while tyres are fitted at the front axle. Track Type Tractors are generally used for reclaiming barren lands and are not much used for Agricultural tasks.					No	No	A/C	N/A
184	89(b)	870130	Full Track Type Tractors						No	No	A/C	N/A
185	90	870190--TRACTORS, NESOI	870190--Other [tractors]	It includes i) agricultural tractors, ii) a log skidder which is a wheeled tractor with front-mounted dozer and either a rear-mounted grapple or a cable winch; and iii) forestry machinery such as feller bunchers, material handlers, skidders, a delimber, harvesters, a log forwarder, felling heads, a mulcher and a street trencher.	Log skidder: 	\$ 1,524,051,239 in imports. 3 major Canadian importers. Major exporters: China, Denmark, India, South Korea, and Netherlands.	€ 1,218,219,502 in imports to the 28 E.U. members. Major exporters: Belarus, China, India, Japan, Republic of Korea, Mexico, etc.		No	No	A/C	N/A
186	90(a)	870190	Wheel Type Tractor: Two Wheeled	Their primary usage is in Agricultural tasks. They have fast running speed and the fitted tyres are able to absorb certain amount of field shock too.					No	No	A	N/A
187	90(b)	870190	Wheel Type Tractor: Three Wheel or Tricycle Type	Three Wheeled Tractors were very popular 20 years back but now they have been replaced by Four Wheelers. They had single or dual wheel fitted at front end and were considered apt for moving around shorter turns.					No	No	A	N/A
188	90(c)	870190	Wheel Type Tractor: Four Wheeler Type						No	No	A	N/A
189	90(d)	870190							No	No	A	N/A
190	90(e)	870190							No	No	A	N/A
191	91	870410--DUMPERS DESIGNED FOR OFF-HIGHWAY USE	870410-- Dumpers designed for off-highway use	It includes off-highway dump trucks that are used strictly off-road for mining and heavy dirt hauling jobs.	Off-highway dumpers: 	\$ 732,075,433 in imports. 6 major Canadian importers. Major exporters: Norway and United States.	€ 189,695,621 in imports to the 28 E.U. members. Major exporters: Australia, Belarus, China, Japan, Mexico, Norway, South Africa, etc.		No	No	C/M	N/A

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92	870423--TRUCK, DIESEL ENG, GVW > 20 METRIC TONS	Other [motor vehicles for the transport of goods], with compression-ignition internal combustion piston engine (diesel or semi-diesel) 870423-- G.V.W. exceeding 20 metric tons	It includes i) a cargo vehicle equipped with a hydraulically-operated lifting and lowering platform designed for the transport of heavy loads and ii) timberjack forestry forwarders are solely used for loading logs and hauling logs for short distances.	Timberjack forwarded: 	\$ 935,388,319 in imports. 4 major Canadian importers. Major exporters: Mexico and United States.	€ 94,947,905 in imports to the 28 E.U. members. Major exporters: Norway, Russia, Switzerland, Turkey, etc.		No	No	A	N/A
93	870510--MOBILE CRANES	870510—Mobile Cranes	It includes i) a mobile crane that is a cable-controlled crane mounted on crawlers or rubber-tired carriers or ii) a hydraulic-powered crane with a telescoping boom mounted on truck-type carriers or as self-propelled models.	Mobile crane: 	\$ 286,942,208 in imports. 9 major Canadian importers. Major exporters: Japan and United States.	€ 24,857,929 in imports to the 28 E.U. members. Major exporters: Canada, China, Norway, Switzerland, Turkey, etc.		No	No	C	N/A
93(a)	842641	Mounted Crane	A crane mounted on a truck carrier provides the mobility for this type of crane. Generally, these cranes are able to travel on highways, eliminating the need for special equipment to transport the crane.					No	No	C	N/A
93(b)	842641	Rough Terrain Crane	A crane mounted on an undercarriage with four rubber tires that is designed for pick-and-carry operations and for off-road and "rough terrain" applications. Outriggers are used to level and stabilize the crane for hoisting.					No	No	C	N/A
93(c)	842641	Sidelift Crane	It is a road-going truck or semi-trailer, able to hoist and transport ISO standard containers.					No	No	C	N/A
93(d)	842641	All Terrain Crane	A mobile crane with the necessary equipment to travel at speed on public roads, and on rough terrain at the job site using all-wheel and crab steering. AT's combine the road ability of Truck-mounted Cranes and the maneuverability of Rough Terrain Cranes.					No	No	C	N/A
93(e)	842641	Crawler Crane	Crawler is a crane mounted on an undercarriage with a set of tracks (also called crawlers) that provide stability and mobility. Crawler cranes range in lifting capacity from about 40 US tons to 3500 US tons.					No	No	C	N/A
93(f)	842641	Floating Crane	Floating cranes are used mainly in bridge building and port construction, but they are also used for occasional loading and unloading of especially heavy or awkward loads on and off ships.					No	No		N/A

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200	93(g)	842641	Railroad Crane	A railroad crane has flanged wheels for use on railroads. The simplest form is a crane mounted on a railroad car.					No	No	C	N/A
201	93(h)	842641	Aerial Crane	Aerial crane or 'Sky cranes' usually are helicopters designed to lift large loads. Helicopters are able to travel to and lift in areas that are difficult to reach by conventional cranes.					No	No	C	N/A
202	94	870600--CHAS W ENG F TRAC, MTR VEH F PASS/GD & SPECIAL PUR	870600-- Chassis fitted with engines, for the motor vehicles of headings 8701 [i.e. Tractors (other than tractors of heading 8709)] to 8705 [i.e. Special purpose motor vehicles, other than those principally designed for the transport of persons or goods]	It includes dump carriers that can be used to haul materials such as earth, gravel, concrete, etc.	Chassis: 	\$ 48,140,583 in imports. 10 major Canadian importers. Major exporters: Japan and United States.	€ 58,383,707 in imports to the 28 E.U. members. Major exporters: Brazil, Switzerland, Turkey, etc.	• This HS code appears to cover parts.	Yes	No	A/C	YES
203	95	870790--BODIES F ROAD TRACTORS AND MOTOR VEH(PUB TRAN,ETC)	870790—Other [bodies (including cabs), for the motor vehicles of headings 8701 to 8705]	It includes i) a sleeper cab shell that is essentially the sleeper cab structure with cutouts made for the windows, door, speakers, etc. and ii) mobile horseboxes built to house persons and horses when attached to an automotive cab and chassis.	Tractor cabin: 	\$ 99,561,540 in imports. 30 major Canadian importers. Major exporters: South Korea and United States.	€ 48,862,560 in imports to the 28 E.U. members. Major exporters: Bosnia and Herzegovina, Brazil, Japan, Thailand, Turkey, etc.	• This HS code appears to cover parts.	Yes	No	A	N/A
204	96	870850--DRIVE AXLES WITH DIFFERENTIAL FOR MOTOR VEHICLES	870850-- Drive-axles with differential, whether or not provided with other transmission components, and non-driving axles; parts thereof	It includes i) steel carrier assemblies used in the geared, electric drive system of off-highway dump trucks; ii) a differential that is used with four wheel drive (4 x 4) All Terrain Vehicles (ATV) (Outlander and Renegade) and Side by Side Vehicles (Commander) to constantly monitor wheel speed; and iii) a lift axle assembly used on a heavy duty truck as a steerable, air lift, non-driving axle.	Drive axle with differential: 	\$ 1,071,973,713 in imports. 9 major Canadian importers. Major exporters: Brazil, China, Hungary, Italy, Poland, etc.	€ 918,509,423 in imports to the 28 E.U. members. Major exporters: Argentina, Australia, Belarus, Bosnia and Herzegovina, Brazil, China, Thailand, India, etc.	• This HS code appears to cover parts.	Yes	No	C/M/A	YES
205	97	870870--ROAD WHEELS & PTS & ACCESSORIES FOR MOTOR VEHICLES	870870-- Road wheels and parts and accessories thereof	It includes i) wheels for undercarriages of tractors that acting as contact points and guides, help to distribute the machine weight evenly across the ground through the tracks; ii) wheel rims used on a railcar mover not designed for public road use but will be used to move the rail car off road while at the job site; and iii) wheel hub and spoke wheel assemblies used on road tractors for semi-trailers.	Road wheels: 	\$ 1,129,569,149 in imports. 23 major Canadian importers. Major exporters: Austria, China, France, Germany, Netherlands, Poland, etc.	€ 1,222,697,562 in imports to the 28 E.U. members. Major exporters: Bosnia and Herzegovina, Brazil, Canada, China, India, Indonesia, South Korea, etc.	• This HS code appears to cover parts.	Yes	No	C/M/A	YES

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206	98	842710—SELF-PROPELLED TRUCKS FITTED WITH LIFTING OR HANDLING EQUIPMENT, POWERED BY AN ELECTRIC MOTOR	842710-- Self-propelled trucks powered by an electric motor	It includes i) forklift trucks that consist of a four-wheeled chassis with a front mounted mast assembly to which the forks are attached and ii) automated guided vehicles (AGVs) capable of holding articles weighing up to 3 tons and incorporate lift tables.	Forklift truck: 	\$ 280,890,378 in imports. 27 major Canadian importers. Major exporters: China, France, Germany, Japan, South Korea, United States, etc.	€ 88,254,427 in imports to the 28 E.U. members. Major exporters: China, India, Japan, South Korea, Norway, Switzerland, Taiwan, United States, etc.	<ul style="list-style-type: none"> Certain types of equipment under this HS code may have additional uses outside MAC industries. 	No	No	C/M/A	N/A
207	99	842720—SELF-PROPELLED TRUCKS FITTED WITH LIFTING OR HANDLING EQUIPMENT, NOT POWERED BY AN ELECTRIC MOTOR	842720-- Other self-propelled trucks	It includes i) a wheeled, self-propelled lifting platform generally used to raise and lower produce in a harvesting operation and ii) hydraulic power unit designed to lift the tongue of a trailer from a towing vehicle, usually a heavy-duty pick-up truck, and move the trailer as a portable unit to a parking location.	Hydraulic power unit: 	\$ 616,281,964 in imports. 47 major Canadian importers. Major exporters: China, France, Italy, South Korea, United States, etc.	€ 190,425,431 in imports to the 28 E.U. members. Major exporters: China, Japan, South Korea, Norway, Switzerland, United States, etc.	<ul style="list-style-type: none"> Certain types of equipment under this HS code may have additional uses outside MAC industries. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. 	No	Yes	C/A	N/A
208	100	842790—OTHER WORKS TRUCKS FITTED WITH LIFTING OR HANDLING EQUIPMENT	842790-- Other trucks	It includes i) pallet trucks that are used to lift and transport palletized loads weighing up to 5000 pounds and ii) mini lifter/skip hoist that can be used in a variety of general purpose lifting and short distance transport activities.	Pallet truck: 	\$ 88,936,695 in imports. 29 major Canadian importers. Major exporters: China, France, Mexico, United States, etc.	€ 82,105,081 in imports to the 28 E.U. members. Major exporters: China, South Korea, Switzerland, United States, etc.	<ul style="list-style-type: none"> Certain types of equipment under this HS code may have additional uses outside MAC industries. 	No	No	C/A	N/A
209	101	842890-- MACHINERY FOR LIFTING, HANDLING OR UNLOADING, N.E.S.		Already covered above in the original list								N/A
210	102	843120—PARTS OF FORK-LIFTS AND OTHER TRUCKS FITTED WITH LIFTING OR HANDLING EQUIPMENT, N.E.S.	843120-- Of machinery of heading 8427 [i.e. Fork-lift trucks; other works trucks fitted with lifting or handling equipment]	It includes i) a forklift set intended for use on or in conjunction with an all-terrain vehicle and ii) a pallet saver that is made of carbon steel in the shape of an inverted T, and is used to prevent damage to wood pallets.	Forklift set: 	\$ 163,268,524 in imports. 36 major Canadian importers. Major exporters: Austria, Belgium, Brazil, China, Czech Republic, Denmark, Germany, India, Mexico, etc.	€ 264,796,302 in imports to the 28 E.U. members. Major exporters: Bosnia and Herzegovina, Canada, China, India, Indonesia, Japan, South Korea, Mexico, etc.	<ul style="list-style-type: none"> Certain types of equipment under this HS code may have additional uses outside MAC industries. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. This HS code appears to cover parts. 	Yes	Yes	C	N/A
211	103											

Preliminary list of HS codes for inclusion under the MAC Protocol - As of 15 October 2015											
No.	HS Code and Name	Type	Examples and uses	Images	Import statistics for Canada 2013 (CID) (\$CDN)	Import Statistics for European Union in 2013 (€)	Comments	Accession	Affixable	Category	Multi-Use
104	854449—OTHER ELECTRICAL CONDUCTORS FOR A VOLTAGE NOT EXCEEDING 80V	Other Electrical Conductors for a voltage not exceeding 1000V: 854449-- Other	It includes i) telecommunications cables used with computers and computer equipment to allow for the transfer/communication of information/data and ii) insulated electric cable, used in fire or security alarm applications.	<p>Insulated electric cable:</p> 	<p>\$ 888,258,124 in imports.</p> <p>24 major Canadian importers.</p> <p>Major exporters: Austria, China, Czech Republic, Finland, Japan, Netherlands, etc.</p>	<p>€ 1,561,656,135 in imports to the 28 E.U. members.</p> <p>Major exporters: Belarus, Bosnia and Herzegovina, Egypt, Hong Kong, India, etc.</p>	<ul style="list-style-type: none"> This HS code appears to cover parts. Certain types of equipment under this HS code may have additional uses outside MAC industries. Certain types of equipment under this HS code may require affixation to immovable property in order to operate. It appears unlikely that certain types of equipment on this list would be uniquely identifiable. 	Yes	Yes	C/M/A	YES
Additional codes suggested by German Industry - 18 August 2015											
105	841370 Pumps for liquids, whether or not fitted with a measuring device; liquid elevators (+)	Other centrifugal pumps	any pump, machinery or appliance utilised for raising or otherwise continuously displacing and transferring volumes of liquids. They can either be operated manually or via any kind of power unit, integral or otherwise.		To be added	To be added		Yes	Yes	M	Possibly
106	843049 Other moving, grading, levelling, scraping, excavating, tamping, compacting, extracting, or boring machinery, for earth, minerals or ores; pile-drivers and pile-extractors; snow-ploughs and snow-blowers (+)	Other	either stationary and fixed or mobile, the "other" category would include any machinery for 'attacking' the earth's crust (e.g. cutting and breaking down rock and coal, excavation, digging and drilling) or for preparing or compacting the terrain (e.g. scraping, levelling, grading, etc.). The exceptions laid down in the headings 84.29 and 84.32 should be taken into account.		To be added	To be added		No	No	M	No
107	847431 Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid form; machinery for agglomerating, shaping or moulding solid mineral fuels.	Concrete or mortar mixers	Machinery of this type is used, mainly in the extractive industries, for the treatment (mixing) of solid mineral products.		To be added	To be added		No	Yes	C	No

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2	No.	HS Code and Name	Type	Examples and uses	Images	Import statistics for Canada 2013 (CID) (\$CDN)	Import Statistics for European Union in 2013 (€)	Comments	Accession	Affixable	Category	Multi-Use
217	108	847432 Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid form; machinery for agglomerating, shaping or moulding solid mineral fuels.	Machines for mixing mineral substances with bitumen	Machinery of this type is used, mainly in the extractive industries, for the treatment (mixing) of solid mineral products.		To be added	To be added		No	Yes	C	No
218	109	847982 Machines and mechanical appliances having individual functions, not specified or included elsewhere in Chapter 84.	Mixing, kneading, crushing, grinding, screening, sifting, homogenising, emulsifying or stirring machines.	Machinery of this type has individual function it has been designed for, which can only be performed distinctly from and independently of any other machine or appliance.		To be added	To be added		Yes	Yes	A	Yes
219	110	87054 Special purpose motor vehicles, other than those principally designed for the transport of persons or goods .	Concrete-mixer lorries	Includes Motor breakdown lorries, Motor pump vehicles, Lorries fitted with ladders or elevator platform, Lorries used for cleansing streetset,etc.		To be added	To be added		No	No	C	No
220	111	871620 Trailers and semi-trailers; other vehicles, not mechanically propelled; parts thereof.	Self-loading or self-unloading trailers and semi-trailers for agricultural purposes	Includes Self-loading agricultural trailers fitted with automatic loading devices.		To be added	To be added		No	No	A	Possibly