



**EN**

**DIPLOMATIC CONFERENCE FOR THE ADOPTION OF  
THE DRAFT PROTOCOL TO THE CONVENTION  
ON INTERNATIONAL INTERESTS IN MOBILE  
EQUIPMENT ON MATTERS SPECIFIC TO MINING,  
AGRICULTURAL AND CONSTRUCTION EQUIPMENT  
(THE "MAC PROTOCOL")**

Pretoria, 11-22 November 2019

UNIDROIT 2019  
DCME-MAC – Doc. 20  
Original: English  
16 November 2019

**REPORT OF THE WORKING GROUP ON HS CODES  
TO THE COMMISSION OF THE WHOLE**

(presented by the Chair of the Working Group on HS Codes)

1. The Working Group on HS Codes, established by the Commission of the Whole, met on 13 November and 15 November. The Working Group comprised of distinguished Representatives from the following States: Australia, China, Republic of Congo, Germany (Chair), Indonesia, Japan, Poland, South Africa, United States of America, United Kingdom and Uzbekistan. Additionally, distinguished observers from the following international organisations participated in the Working Group: the International Finance Corporation (IFC), the MAC Working Group, the Kozolchyk National Law Center (NatLaw), and the World Customs Organization (WCO).
2. The Working Group had been established to undertake four tasks:
  - (a) Review the 42 HS Codes which were listed in the draft Protocol Annexes, as found in DCME-MAC – Doc. 3. Details with respect to these HS Codes were found within DCME-MAC – Doc. 6.
  - (b) Review the recommendations issued by the Secretariat, found within DCME-MAC – Doc. 6, with regard to the 42 new HS Codes which had been proposed by States for inclusion in the draft Protocol until November 2018 as part of the process established by the Secretariat to allow States to make such proposals following a decision of the Committee of Governmental Experts in October 2017.
  - (c) Review the preliminary recommendations issued by the Secretariat, found within DCME-MAC – Doc. 16, with regard to the 6 new proposals which were made by States in their Comments on the draft Protocol in advance of the Diplomatic Conference.
  - (d) Consider any new proposals on HS Codes made by States at the Diplomatic Conference.
3. The Chair of the Working Group invited the Secretariat to introduce DCME-MAC – Doc. 6 which provided an analysis of the HS Codes which were already listed in the draft Protocol Annexes, as well as included the Secretariat's recommendations regarding the proposals which had been received as part of the 2018 process to add or remove HS Codes from the Annexes of the draft Protocol.
4. The Secretariat noted that the draft Protocol, as found in DCME-MAC – Doc. 3, contained 42 HS Codes, with 21 HS Codes listed in Annex 1 (mining equipment), 26 HS Codes in Annex 2 (agricultural equipment) and 32 HS Codes in Annex 3 (construction equipment). These had been

approved by the second meeting of the Committee of Governmental Experts, held in Rome from 2 – 6 October 2017, and authorised for transmission to the Diplomatic Conference, for adoption, by the UNIDROIT Governing Council at its 97<sup>th</sup> session, held in Rome from 2 – 4 May 2018.

5. Consistent with a decision of the Committee of Governmental Experts, the Secretariat established a process in 2018 for States to make proposals to include additional HS Codes within the Annexes of the draft Protocol. The following process, as detailed in DCME-MAC – Doc. 6 was established to evaluate each proposal:

(a) On receipt of a proposal, the Secretariat contacted the MAC Working Group and advised them of the newly proposed HS Code.

(b) The Working Group provided information and data on the types and individual unit costs for the equipment covered by the proposed HS Code.

(c) The Secretariat then undertook additional research utilising UN trade statistics, WCO documentation and other online trade and equipment databases to verify the information provided by both the proposing State and the MAC Working Group.

(d) Once the necessary data had been compiled, the Secretariat applied several criteria (set out in paragraph 6 below) to form a recommendation as to whether the proposed HS Code should be included or excluded from the draft Protocol Annexes.

(e) The Secretariat then consulted the WCO on the list of proposed HS Codes and draft recommendations. The WCO provided advice on the recommendations, based on their expert understanding of the equipment covered by the proposed HS Codes.

(f) The Secretariat contacted each proposing State notifying them of the draft recommendation in relation to their proposal, and invited the State to provide any additional comment or information.

(g) The Secretariat's analysis and recommendations in relation to each individual proposed HS code was finalised and compiled in a table contained in Appendix 2 of DCME-MAC – Doc. 6.

6. In evaluating HS Codes proposed by State, the following criteria were taken into account:

(a) Proposed HS Codes should cover equipment that is predominantly used in the mining, agricultural and construction sectors;

(b) Proposed HS Codes should cover equipment that is predominantly high value;

(c) Proposed HS Codes should cover equipment that has individual serial numbers;

(d) Proposed HS Codes should cover complete equipment rather than parts;

(e) Proposed HS Codes should cover equipment used on-site in the MAC sectors.

7. 71 proposals were made by six States and the MAC Working Group, relating to 42 HS Codes not listed in the Annexes of the draft Protocol, as found in DCME-MAC – Doc. 3. Of the 42 new HS Codes proposed, 14 HS Codes were recommended by the Secretariat for inclusion in the draft MAC Protocol Annexes. Additionally, three HS Codes already listed in certain Annexes were recommended to be added to additional Annexes. One listed HS Code was recommended for removal from the draft Protocol Annexes. The Secretariat's recommendations in relation to the proposals made are noted in the tables in Appendix 1 of DCME-MAC – Doc. 6.

8. The Chair opened the floor for discussion on DCME-MAC – Doc. 6, and the HS Codes which were recommended for inclusion and exclusion from the draft Protocol.

9. An observer queried the suitability of 820713, which was an HS Code recommended for inclusion in the draft Protocol by the Committee of Governmental Experts. She noted that 820713 covered equipment which was attached to large machines, and as such, did not relate to the

machines themselves. The Secretariat and the MAC Working Group noted that while this was true, research had indicated that the individual pieces of equipment which fell within this HS Code met all the criteria listed in Paragraph 6, such that they were high value, individually financed, and related to the mining and construction sectors.

10. *The HS Working Group approved all the recommendations found in DCME-MAC – Doc. 6 with respect to the HS Codes to be retained or to be included and/or excluded from the Annexes of the draft Protocol, as found in DCME-MAC – Doc. 3.*

11. The Chair invited the Secretariat to present DCME-MAC – Doc. 16, which detailed preliminary recommendations by the Secretariat with respect to additional proposals which had been made by States in their written comments ahead of the Diplomatic Conference regarding HS Codes for inclusion and/or exclusion from the Annexes of the draft Protocol.

12. The Secretariat noted that prior to the Diplomatic Conference, three States submitted comments on the draft Protocol proposing modifications to the HS Codes listed in the draft Protocol Annexes: Japan (DCME-MAC – Doc. 11), Germany (DCME-MAC – Doc. 12), and the United Kingdom (DCME-MAC – Doc. 14). In consultation with the MAC Working Group, and other relevant experts, and after the application of the criteria listed in Paragraph 6, the Secretariat's preliminary recommendations with respect to these proposals were as follows:

(a) To note that 842920 and 842951, proposed for inclusion in Annex 1 by Japan, had already been recommended for inclusion in Annex 1 as part of the 2018 process. Details of this could be found in Paragraph 3 of Appendix 1 to DCME-MAC – Doc. 6.

(b) To include 843143 in Annex 1 (Mining), as proposed by Japan.

(c) Not to include 870490 in Annex 1 (Mining), as proposed by Japan.

(d) Not to include 843020 in Annex 3 (Construction), as proposed by Japan.

(e) To include 843410 in Annex 2 (Agriculture), as proposed by Germany.

(f) To exclude 871620 from Annex 1 (Mining) and Annex 3 (Construction), as proposed by the United Kingdom.

Detailed analysis regarding each of the new proposals could be found in Appendix 1 of DCME-MAC – Doc. 16 (842920 and 842951 were already addressed in Paragraph 3 of Appendix 1 to DCME-MAC – Doc. 6).

13. The Chair opened the floor for discussion on the preliminary recommendations made by the Secretariat in DCME-MAC – Doc. 16.

14. The representative from Japan queried the Secretariat's recommendation in relation to 843020, which covered snow-ploughs and snow-blowers. The Secretariat, as well as the MAC Working Group noted that 843020 had originally been proposed by the MAC Working Group during Study Group negotiations but was considered unsuitable because it covered equipment predominantly used outside the MAC sectors (listed at Item 33 in list of Unsuitable codes in Appendix 1 of document DCME-MAC – Doc. 6). 843020 covered snow-ploughs and snow-blowers which were typically used to clear snow from roads and walkways. This equipment was commonly used outside the MAC industries (e.g. for maintenance of roads, airports, parking areas, etc.).

15. One delegation sought clarification with respect to the distinction between maintenance equipment and construction equipment, noting that these categories often coincided. The representative from the MAC Working Group noted that while this was true, the scope of construction equipment within the MAC Protocol extended to equipment which was predominantly used for construction, for example, equipment used in the construction of a road would be covered, however, equipment used simply to remove snow from a road would purely be maintenance and fall outside

the MAC Protocol. Additionally, most maintenance equipment was also multi-purpose, and commonly used in other sectors. Another delegation, as well as the Secretariat and the MAC Working Group confirmed that 843020 also included a large volume of equipment which was predominantly low value and not suitable for inclusion in the MAC Protocol. On the basis of this additional information, the representative for Japan agreed that the suggestion to include code 843020 should at present not be pursued further, subject to a possible re-assessment of the suitability of inclusion of the code in the future on the basis of additional data and a possible re-systematisation of this code. The representative for Japan supported the recommendations of the Secretariat in relation to the other proposals made by Japan and there was no objection to these recommendations by the HS Working Group.

16. One delegation expressed its support for the proposal of the United Kingdom to exclude code 871620 from Annex 1 (Mining) and Annex 3 (Construction) since this code primarily covered equipment for use in the agricultural sector. There was no objection to this recommendation by the HS Working Group.

17. The representative from Germany presented the case for the inclusion of 843410, which related to milking machines, into Annex 2 (Agriculture) of the draft Protocol, noting that it met all the criteria set for inclusion. The Secretariat noted that 843410 covered all types of milking machines of any size and capacity, for milking one animal (e.g. cow, goat, sheep) or more simultaneously, whether robotic or not. Additionally, 843410 did not include other dairy machinery or parts. The HS explanatory notes confirmed that 843410 included only equipment used directly for milking (i.e. initial milk production at the farm) and not for post-production processing of dairy products. The scope of 843410 was confined to milking machines that were individually serialised and of high-value (particularly modern robotic systems), although the HS Code did also cover milking machines used on single animals which could be of a lower value.

18. One delegation queried the extent to which imports and exports of machinery falling under 843010 were related to single animal milking machines. The MAC Working Group confirmed that a majority of trade under 843010 related to high-value robotic and modern machines which were used on multiple animals at one time. As such, only a very small percentage of trade related to single-animal machines, some of which could also be high-value.

19. *The HS Working Group approved all of the preliminary recommendations found in DCME-MAC – Doc. 16 with respect to the HS Codes to be included and/or excluded from the Annexes of the draft Protocol, as found in DCME-MAC – Doc. 3.*

20. The representative of the Republic of Congo noted that they had submitted suggestions concerning four HS Codes for consideration to be included in Annex 1 (Mining) of the draft Protocol at the Diplomatic Conference. These HS Codes comprised important pieces of equipment which were used in the mining sector in the Republic of Congo. The delegation had provided their list of codes to the Secretariat for preliminary analysis.

21. The Chair invited the Secretariat to present its preliminary analysis, which was detailed in a HS Working Group Working Paper.

22. The Secretariat noted that it had conducted preliminary research with respect to the proposals presented by the Republic of Congo, and had consulted the MAC Working Group and the WCO on the matter, as well applied the standard criteria, in making the preliminary recommendations found in the Working Paper. The HS Codes presented were 841710, 843041, 843049, and 902480. The Secretariat's preliminary recommendations, in consultation with the MAC Working Group and the WCO were as follows:

(a) 841710 fell under HS heading 8417 (Industrial or laboratory furnaces and ovens, including incinerators, non-electric). This type of equipment was used at mines both in the form of laboratory equipment for quality testing of ore and in the form of industrial equipment for initial smelting of ore to extract metals and other minerals. 841710 included furnaces and ovens for roasting, melting or other heat-treatment of ores and pyrites, which were commonly used at mines. However, the code 841710 also included equipment of the same description but designed for use with metals rather than ores. Use of this type of equipment for heating metals predominantly occurred outside the mining sector in the processing and manufacturing sectors. As such, 841710 was unsuitable for inclusion in Annex 1 because it included equipment commonly used outside the MAC industries. However, it was noted that 841710 included two distinct types of equipment, specifically i) equipment designed for use with raw materials (ores and pyrites), and ii) equipment designed for use with metals (products of mining). Although the former was predominantly used at mines, the latter was predominantly used outside the mining sector, and therefore outside the scope of the MAC Protocol. A preliminary review of manufacturer's websites indicated that equipment designed for one of these applications was not marketed for the other. On the basis of the Secretariat's preliminary assessment, this is presumably the case because the equipment designed for ores was not compatible for use with metals and vice versa. This suggested that it might be reasonable for the WCO to split 841710 into two different HS codes in the future, one for equipment designed for ores and one for metals. The observer from the WCO confirmed that this was a possibility, and noted that the WCO, as well as the UNIDROIT Secretariat would remain available to further discuss the matter with the Republic of Congo in the case that it might consider making such a proposal to the WCO to split 841710. It was noted that once split, the specific code covering furnaces for the mining sector may be suitable for inclusion in the future MAC Protocol.

(b) 843041 and 843049 were HS Codes already present within the draft Protocol. Both of them occurred in Annex 1, as well as other Annexes. The HS Working Group confirmed that these two codes would be included in Annex 1 of the Protocol, especially noting their importance to the mining industry in developing countries.

(c) 902480 covered a broad range of equipment "generally used in industrial or research laboratories for testing manufactured articles (usually carefully selected or standard specimens). They may also be used during manufacturing processes, in constructional work (in workshops, building sites, etc.) or to check goods on delivery in warehouses, etc." The spectrum of included equipment ranges from "large mechanically, electrically or hydraulically operated machines of considerable weight (several tons) to small portable or even pocket size instruments." The broad range of equipment covered by 902480 indicated that 902480 was not suitable for inclusion in the Annexes of the draft Protocol as it included equipment commonly used outside the MAC industries. It was also likely to include equipment that was not of high value and not individually serialised.

23. The delegation of the Republic of Congo expressed their gratitude to the Secretariat and to the HS Working Group for giving due consideration to their proposals. The delegation confirmed that the Republic of Congo would raise the matter of splitting 841710 with the WCO, and that the Republic of Congo would continue to engage with the MAC Protocol noting its importance to the mining, agricultural, and construction sectors.

24. Several delegations expressed their gratitude to the delegation of the Republic of Congo for its diligence and efforts to ensure that the future MAC Protocol covered equipment of importance to all economies across the world.

25. *Recognising specifically the importance of the mining sector in developing economies, the HS Working Group agreed that the codes 843041 and 843049, as suggested by the Republic of Congo, should be recommended to the Commission of the Whole for being retained in Annex 1 of the Protocol from the draft Protocol, as found in DCME-MAC – Doc. 3.*

26. *The Chair summarised the discussion of the HS Working Group, thanked all the delegates, and noted that the work of the group had been concluded, subject to any new proposals for HS Codes from States coming up during the remainder of the Diplomatic Conference.*

27. A tracked version of the Annexes of the draft Protocol can be found at Appendix A of this document. The draft Protocol comprises 56 HS Codes, with 25 HS codes listed in Annex 1 (mining equipment), 36 HS codes in Annex 2 (agricultural equipment) and 35 HS codes in Annex 3 (construction equipment).

**APPENDIX A****ANNEXES TO THE PROTOCOL****ANNEX 1 – MINING EQUIPMENT**

1. As consistent with Article II, the Convention shall apply in relation to mining equipment that falls under the following Harmonized System codes in this Annex.

820713: Interchangeable tools for hand tools, whether or not power-operated, or for machine-tools (for example, for pressing, stamping, punching, tapping, threading, drilling, boring, broaching, milling, turning or screw driving), including dies for drawing or extruding metal, and rock drilling or earth boring tools - Rock drilling or earth boring tools -- With working part of cermets

[842831: Other lifting, handling, loading or unloading machinery \(for example, lifts, escalators, conveyors, teleferics\) - Other continuous-action elevators and conveyors, for goods or materials - - Specifically designed for underground use](#)

842911: - Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Bulldozers and angledozers -- Track laying

842919: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Bulldozers and angledozers -- Other

[842920: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Graders and levelers](#)

[842951: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Mechanical shovels, excavators and shovel loaders -- Front-end shovel loaders](#)

842952: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Mechanical shovels, excavators and shovel loaders -- Machinery with a 360° revolving superstructure

842959: Self-propelled bulldozers, angledozers, graders, levelers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Mechanical shovels, excavators and shovel loaders -- Other

843010: - 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 - Pile-drivers and pile-extractors

843031: 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 - Coal or rock cutters and tunnelling machinery -- Self-propelled

843039: 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 - Coal or rock cutters and tunnelling machinery -- Other

843041: 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 boring or sinking machinery -- Self-propelled

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 boring or sinking machinery -- Other

843050: 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 machinery, self-propelled

843061: 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 machinery, not self-propelled -- Tamping on compacting machinery

[843069: 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 machinery, not self-propelled -- Other](#)

[847410: Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid \(including powder or paste\) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand - Sorting, screening, separating or washing machines](#)

[847420: Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid \(including powder or paste\) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand - Crushing or grinding machines](#)

847431: Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid (including powder or paste) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand - Mixing or kneading machines -- Concrete or mortar mixers

870130: Tractors (other than tractors of heading 8709) - Track-laying tractors

~~870191: Tractors - Other, of an engine power - Not exceeding 18 kW~~

870192: Tractors - Other, of an engine power - Exceeding 18 kW but not exceeding 37 kW

870193: Tractors - Other, of an engine power - Exceeding 37 kW but not exceeding 75 kW

870194: Tractors - Other, of an engine power - Exceeding 75 kW but not exceeding 130 kW

870195: Tractors - Other, of an engine power - Exceeding 130 kW

870410: Motor vehicles for the transport of goods - Dumpers designed for off-highway use

~~871620: Trailers and semi-trailers; other vehicles, not mechanically propelled; parts thereof—  
Self-loading or self-unloading trailers and semi-trailers for agricultural purposes~~

## ANNEX 2 – AGRICULTURAL EQUIPMENT

1. As consistent with Article II, the Convention shall apply in relation to agricultural equipment that falls under the following Harmonized System codes in this Annex.

[842449: Mechanical appliances \(whether or not hand-operated\) for projecting, dispersing or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sand blasting machines and similar jet projecting machines - Agricultural or horticultural sprayers - - Other](#)

842482: Mechanical appliances (whether or not hand-operated) for projecting, dispersing, or spraying liquids or powders; fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sand blasting machines and similar jet projecting machines – Other appliances -- Agricultural or Horticultural

842911: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Bulldozers and angledozers -- Track laying

842919: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Bulldozers and angledozers -- Other

842920: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Graders and levelers

842930: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers – Scrapers

[842940: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Tamping machines and road rollers](#)

842951: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Mechanical shovels, excavators and shovel loaders -- Front-end shovel loaders

842952: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Mechanical shovels, excavators and shovel loaders -- Machinery with a 360° revolving superstructure

842959: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Mechanical shovels, excavators and shovel loaders -- Other

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 boring or sinking machinery -- Other

843050: 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 machinery, self-propelled

843210: Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports-ground rollers – Ploughs

843221: Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports-ground rollers - Harrows, scarifiers, cultivators, weeders and hoes -- Disc harrows

[843229: Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sportsground rollers - Harrows, scarifiers, cultivators, weeders and hoes -- Other](#)

843231: Seeders, planters and transplanters; no-till direct seeders, planters and transplanters

843239: Seeders, planters and transplanters; other than no-till direct seeders, planters and transplanters

843241: Spreaders and distributors; for manure and fertilizers, for agricultural, horticultural or forestry use; manure spreaders

843242: Spreaders and distributors; for manure and fertilizers, for agricultural, horticultural or forestry use; fertiliser distributors

[843320: Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 84.37 - Other mowers, including cutter bars for tractor mounting](#)

[843330: Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 84.37 - Other haymaking machinery](#)

843340: Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 8437- Straw or fodder balers, including pick-up balers

843351: Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 8437 - Other harvesting machinery; threshing machinery -- Combine harvester-threshers

[843353: Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 84.37 - Other harvesting machinery; threshing machinery -- Root or tuber harvesting machines](#)

[843359: Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 84.37 - Other harvesting machinery; threshing machinery -- Other](#)

[843360: Harvesting or threshing machinery, including straw or fodder balers; grass or hay mowers; machines for cleaning, sorting or grading eggs, fruit or other agricultural produce, other than machinery of heading 84.37 - Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce](#)

[843410: Milking machines and dairy machinery - Milking machines](#)

843680: Other agricultural, horticultural, forestry, poultry-keeping or bee-keeping machinery, including germination plant fitted with mechanical or thermal equipment, poultry incubators and brooders - Other machinery

[843710: Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables; machinery used in the milling industry or for the working of cereals or dried leguminous vegetables, other than farm-type machinery - Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables](#)

870130: Tractors (other than tractors of heading 8709) – Track-laying tractors

~~870191: Tractors—Other, of an engine power—Not exceeding 18 kW~~

870192: Tractors – Other, of an engine power -- Exceeding 18 kW but not exceeding 37 kW

870193: Tractors – Other, of an engine power -- Exceeding 37 kW but not exceeding 75 kW

870194: Tractors – Other, of an engine power -- Exceeding 75 kW but not exceeding 130 kW

870195: Tractors – Other, of an engine power -- Exceeding 130 kW

[870410: Motor vehicles for the transport of goods - Dumpers designed for off-highway use](#)

871620: Trailers and semi-trailers; other vehicles, not mechanically propelled; parts thereof - Self-loading or self-unloading trailers and semi-trailers for agricultural purposes

### ANNEX 3 – CONSTRUCTION EQUIPMENT

1. As consistent with Article II, the Convention shall apply in relation to construction equipment that falls under the following Harmonized System codes in this Annex.

820713: Interchangeable tools for hand tools, whether or not power-operated, or for machine-tools (for example, for pressing, stamping, punching, tapping, threading, drilling, boring, broaching, milling, turning or screw driving), including dies for drawing or extruding metal, and rock drilling or earth boring tools - Rock drilling or earth boring tools -- With working part of cermets

[841340: Pumps for liquids, whether or not fitted with a measuring device; liquid elevators - Concrete pumps](#)

[842620: Ships' derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane – Tower cranes](#)

842641: Ships' derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane - Other machinery, self-propelled -- On tyres

842649: Ships' derricks; cranes, including cable cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane - Other machinery, self-propelled -- Other

842911: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Bulldozers and angledozers -- Track laying

842919: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Bulldozers and angledozers -- Other

842920: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Graders and levelers

842930: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers – Scrapers

[842940: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Tamping machines and road rollers](#)

842951: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers -- Mechanical shovels, excavators and shovel loaders -- Front-end shovel loaders

842952: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Mechanical shovels, excavators and shovel loaders -- Machinery with a 360° revolving superstructure

842959: Self-propelled bulldozers, angledozers, graders, levellers, scrapers, mechanical shovels, excavators, shovel loaders, tamping machines and road rollers - Mechanical shovels, excavators and shovel loaders -- Other

843010: 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 - Pile-drivers and pile-extractors

843031: 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 - Coal or rock cutters and tunneling machinery -- Self-propelled

843039: 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 - Coal or rock cutters and tunnelling machinery -- Other

843041: 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 boring or sinking machinery -- Self-propelled

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 boring or sinking machinery -- Other

843050: 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 machinery, self-propelled

843061: 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 machinery, not self-propelled -- Tamping or compacting machinery

843069: 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 machinery, not self-propelled -- Other

[847410: Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid \(including powder or paste\) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand - Sorting, screening, separating or washing machines](#)

[847420: Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid \(including powder or paste\) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand – Crushing or grinding machines](#)

847431: Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid (including powder or paste) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand - Mixing or kneading machines -- Concrete or mortar mixers

847432: Machinery for sorting, screening, separating, washing, crushing, grinding, mixing or kneading earth, stone, ores or other mineral substances, in solid (including powder or paste) form; machinery for agglomerating, shaping or moulding solid mineral fuels, ceramic paste, unhardened cements, plastering materials or other mineral products in powder or paste form; machines for forming foundry moulds of sand - Mixing or kneading machines -- Machines for mixing mineral substances with bitumen

847910: Machines and mechanical appliances having individual functions, not specified or included elsewhere in this Chapter - Machinery for public works, building or the like

847982: Machines and mechanical appliances having individual functions, not specified or included elsewhere in this Chapter - Other machines and mechanical appliances -- Mixing, kneading, crushing, grinding, screening, sifting, homogenising, emulsifying or stirring machines.

870130: Tractors (other than tractors of heading 8709) – Track-laying tractors

~~870191: Tractors – Other, of an engine power – Not exceeding 18 kW~~

870192: Tractors – Other, of an engine power -- Exceeding 18 kW but not exceeding 37 kW

870193: Tractors – Other, of an engine power -- Exceeding 37 kW but not exceeding 75 kW

870194: Tractors – Other, of an engine power -- Exceeding 75 kW but not exceeding 130 kW

870195: Tractors – Other, of an engine power -- Exceeding 130 kW

870410: Motor vehicles for the transport of goods - Dumpers designed for off-highway use

870510: Special purpose motor vehicles, other than those principally designed for the transport of persons or goods (for example, breakdown lorries, crane lorries, fire fighting vehicles, concrete-mixer lorries, road sweeper lorries, spraying lorries, mobile workshops, mobile radiological units) – Crane lorries

870540: Special purpose motor vehicles, other than those principally designed for the transport of persons or goods (for example, breakdown lorries, crane lorries, fire fighting vehicles, concrete-mixer lorries, road sweeper lorries, spraying lorries, mobile workshops, mobile radiological units) – Concrete-mixer lorries

~~871620: Trailers and semi-trailers; other vehicles, not mechanically propelled; parts thereof – Self-loading or self-unloading trailers and semi-trailers for agricultural purposes~~