

SUMMARY OF MACHINES & MACHINE TOOLS

Machines, machine tools, power-operated tools; motors and engines, except for land vehicles; machine coupling and transmission components, except for land vehicles; agricultural implements, other than hand-operated hand tools; incubators for eggs; automatic vending machines.

Explanatory Note

Class 7 includes mainly machines and machine tools, motors and engines.

This Class includes, in particular:

- parts of motors and engines of all kinds, for example, starters, mufflers and cylinders for motors and engines of any type;
- electric cleaning and polishing apparatus, for example, electric shoe polishers, electric machines and apparatus for carpet shampooing and vacuum cleaners;
- 3D printers;
- industrial robots;
- certain special vehicles not for transportation purposes, for example, road sweeping machines, road making machines, bulldozers, snow ploughs, as well as rubber tracks as parts of those vehicles' crawlers.

This Class does not include, in particular:

- hand tools and implements, hand-operated (Cl. 8);
- humanoid robots with artificial intelligence, laboratory robots, teaching robots, security surveillance robots (Cl. 9), surgical robots (Cl. 10), robotic cars (Cl. 12), robotic drums (Cl. 15), toy robots (Cl. 28);
- motors and engines for land vehicles (Cl. 12);
- treads for vehicles and tractors (Cl. 12);
- certain special machines, for example, automated teller machines (Cl. 9), respirators for artificial respiration (Cl. 10), refrigerating apparatus and machines (Cl. 11).

Indication
3D printers
3D printing pens
acetylene cleaning apparatus
adhesive bands for pulleys
adhesive tape dispensers [machines]
aerating pumps for aquaria
apparatus for aerating beverages
apparatus for aerating water
aerocondensers
aeronautical engines
aeroplane engines

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agitators
agricultural elevators
agricultural implements, other than hand-operated
agricultural machines
air brushes for applying colour
air condensers
air cushion devices for moving loads
air pumps [garage installations]
air suction machines
alternators
anti-friction bearings for machines / anti-friction pads for machines
anti-pollution devices for motors and engines
aprons [parts of machines] / carriage aprons
electric arc cutting apparatus
electric arc welding apparatus
axles for machines
ball rings for bearings
ball-bearings
basket presses
bearing brackets for machines
bearings [parts of machines]
bearings for transmission shafts
beaters , electric
beating machines
beer pumps
bellows [parts of machines]
belt conveyors
belts for conveyors
belts for machines
belts for motors and engines
bending machines
beverage preparation machines, electromechanical
bicycle assembling machines
bicycle dynamos
binding apparatus for hay / trussing apparatus for hay
bitumen making machines
blade holders [parts of machines]
blade sharpening [stropping] machines / stropping machines
blades [parts of machines]
blenders , electric, for household purposes

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blowing machines
blowing machines for the compression, exhaustion and transport of gases
blowing machines for the compression, sucking and carrying of grain / blowing machines or fans for the compression, sucking and carrying of grain / fans for the compression, sucking and carrying of grain
bobbins for weaving looms / reels for weaving looms
boiler tubes [parts of machines]
bookbinding apparatus and machines for industrial purposes
bottle capping machines
bottle filling machines
bottle sealing machines
bottle stoppering machines
bottle washing machines
boxes for matrices [printing]
braiding machines
brake linings, other than for vehicles
brake pads, other than for vehicles
brake segments, other than for vehicles
brake shoes, other than for vehicles
bread cutting machines
brewing machines
brushes [parts of machines]
brushes for vacuum cleaners
brushes , electrically operated [parts of machines]
bulldozers
butter machines
calenders / mangles
camshafts for vehicle engines
capstans
carbon brushes [electricity]
carburetter feeders
carburetters
card clothing [parts of carding machines]
carding machines
machines and apparatus for carpet shampooing, electric
cartridges for filtering machines
catalytic converters
central vacuum cleaning installations
centrifugal machines / centrifuges [machines]

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centrifugal mills
centrifugal pumps
chaff cutter blades
chain saws
cheese slicers, electric
electromechanical machines for chemical industry
chisels for machines
chucks [parts of machines]
churns
cigarette machines for industrial purposes
cinder sifters [machines]
clack valves [parts of machines]
cleaning appliances utilizing steam
machines and apparatus for cleaning , electric
clippers [machines]
clutches , other than for land vehicles
coal-cutting machines
coffee grinders, other than hand-operated
coin-operated washing machines
compressed air engines
compressed air guns for the extrusion of mastics
compressed air machines
compressed air pumps
compressors [machines]
compressors for refrigerators
concrete mixers [machines]
condensing installations
connecting rods for machines, motors and engines
control cables for machines, engines or motors
control mechanisms for machines, engines or motors
hydraulic controls for machines, motors and engines
pneumatic controls for machines, motors and engines
converters for steelworks
conveyors [machines]
cord making machines
couplings , other than for land vehicles
cowlings [parts of machines] / guards [parts of machines] / hoods [parts of machines]
cranes [lifting and hoisting apparatus]
crank shafts

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crankcases for machines, motors and engines
cranks [parts of machines]
cream /milk separators
crushers for kitchen use, electric
crushing machines
cultivators [machines]
current generators
curtain drawing devices, electrically operated
cutters [machines]
cutting blow pipes, gas-operated
cutting machines
cylinder heads for engines
cylinders for machines
cylinders for motors and engines
dairy machines
darning machines
de-aerators for feedwater
degreasers [machines]
derricks
die-cutting and tapping machines / nut-tapping machines
die-stamping machines
diggers [machines]
dishwashers
disintegrators
ditchers [ploughs]
dividing machines
door closers, electric
door closers, hydraulic
door closers, pneumatic
door openers, electric
door openers, hydraulic
door openers, pneumatic
drainage machines
apparatus for drawing up beer under pressure
metal drawing machines
drill chucks [parts of machines]
drilling bits [parts of machines]
drilling heads [parts of machines]
drilling machines
drilling rigs, floating or non-floating

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driving chains, other than for land vehicles
driving motors, other than for land vehicles
drums [parts of machines]
dust exhausting installations for cleaning purposes
dust removing installations for cleaning purposes
dyeing machines
dynamo belts
dynamo brushes
dynamos
earth moving machines
ejectors
electrodes for welding machines
electroplating machines
elevating apparatus
elevator belts / lift belts
elevator chains [parts of machines]
elevator operating apparatus / lift operating apparatus
elevators [lifts]
embossing machines
emergency power generators
engine mounts, other than for land vehicles
engines for air cushion vehicles
engines for boats
hydraulic engines and motors
engraving machines
excavators
exhaust manifold for engines
exhausts for motors and engines
expansion tanks [parts of machines]
fan belts for motors and engines
fans for motors and engines
feeders [parts of machines]
feeding apparatus for engine boilers
filling machines
filter presses
filtering machines
filters being parts of machines or engines
filters for cleaning cooling air, for engines
finishing machines
fittings for engine boilers

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fleshing machines
floating production storage and offloading [FPSO] units
flour mill machines
flues for engine boilers
machine fly-wheels
fodder presses
food preparation machines, electromechanical
food processors, electric
forge blowers
foundry machines
freewheels , other than for land vehicles
friezing machines
fruit presses, electric, for household purposes
fuel conversion apparatus for internal combustion engines
fuel dispensing pumps for service stations
fuel economisers for motors and engines
galvanizing machines
gas-operated blow torches
gear boxes, other than for land vehicles
gears for weaving looms
gears , other than for land vehicles
generators of electricity
glass-working machines
glaziers' diamonds [parts of machines]
glow plugs for Diesel engines
glue guns, electric
grain husking machines / corn and grain husking machines / corn husking machines
grain separators
automatic grapnels for marine purposes
grating machines for vegetables
grease boxes [parts of machines]
grease rings [parts of machines]
grinding machines
grindstones [parts of machines] / sharpening wheels [parts of machines]
guides for machines
guns [tools using explosives]
electric hammers
hammers [parts of machines]
pneumatic hammers

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electric hand drills
hand-held tools, other than hand-operated
handling apparatus for loading and unloading
handling machines, automatic [manipulators]
hangers [parts of machines]
harrows
harvesting machines / mowing and reaping machines
haulage apparatus [mining] / extractors for mines
heat exchangers [parts of machines]
hemming machines
high pressure washers
hoists
holding devices for machine tools
hoppers [mechanical discharging]
hosiery looms
 housings [parts of machines]
hydrogen dispensing pumps for service stations
igniting devices for internal combustion engines
igniting magnetos
incubators for eggs
industrial inkjet printing machines
industrial robots
injectors for engines
inking apparatus for printing machines
ironing machines
jacks [machines]
pneumatic jacks
jet engines, other than for land vehicles
joints [parts of engines] / sealing joints [parts of engines]
journal boxes [parts of machines]
journals [parts of machines]
joysticks being parts of machines, other than for game machines
juice extractors, electric
kick starters for motorcycles
kitchen grinders, electric
kitchen machines, electric*
kneading machines
knitting machines
knives [parts of machines]
knives for mowing machines

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knives , electric
labellers [machines]
lace making machines
lasts for shoes [parts of machines] / shoe lasts [parts of machines]
lathes [machine tools]
lawnmowers [machines]
leather paring machines
leather-working machines
lifting apparatus
lifts , other than ski-lifts
mechanized livestock feeders
loading ramps
loom shafts
looms
lubricating pumps
lubricators [parts of machines]
machine tools
matrices for use in printing
meat choppers [machines] / meat mincers [machines]
metalworking machines
milking machines
milling machines
mills [machines]
mills for household purposes, other than hand-operated
millstones
mine borers
machines for the mineralization of drinking water / machines for the mineralisation of drinking water
mineworking machines
mixers [machines]
mixing machines
mobile cranes
mortising machines / paring machines
motorized cultivators
motors for boats
motors , electric, other than for land vehicles
motors , other than for land vehicles / engines , other than for land vehicles
moulding machines / molding machines
moulds [parts of machines] / molds [parts of machines]
moving staircases [escalators] / escalators

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moving walkways / moving sidewalks
mud catchers and collectors [machines]
mufflers for motors and engines / silencers for motors and engines
nail extractors, electric / nail pullers, electric
net hauling machines [fishing]
notchers [machine tools]
oil refining machines
ore treating machines
packaging machines
packing machines
painting machines
paper feeders [printing]
papermaking machines
parquet wax-polishers, electric
pasta making machines, electric
pedal drives for sewing machines
peeling machines
pepper mills, other than hand-operated
pigs for cleaning pipes
piston segments / piston rings
pistons [parts of machines or engines]
pistons for cylinders
pistons for engines
planing machines
ploughs
ploughshares
machines and apparatus for polishing [electric]
potters' wheels
power hammers
presses [machines for industrial purposes]
pressure reducers [parts of machines]
pressure regulators [parts of machines]
pressure valves [parts of machines]
printing cylinders
printing machines
printing machines for use on sheet metal
printing plates
printing presses
printing rollers for machines
machines for processing plastics

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propulsion mechanisms, other than for land vehicles
puddling machines
pulleys [parts of machines]
pulleys *
pulverisers [machines] / atomisers [machines] / spraying machines
pump diaphragms
pumps [machines]
pumps [parts of machines, engines or motors]
pumps for counter-current swimming
pumps for heating installations
punches for punching machines
punching machines
rack and pinion jacks
racket stringing machines
radiators [cooling] for motors and engines
rail-laying machines
railroad constructing machines
railway wagon lifts
rakes for raking machines
raking machines
rammers [machines]
rams [machines]
reapers
reapers and binders
reapers and threshers
reduction gears, other than for land vehicles
reeling apparatus, mechanical
reels [parts of machines]
reels , mechanical, for flexible hoses
regulators [parts of machines]
rinsing machines
riveting machines
road making machines / road building machines
road sweeping machines, self-propelled
robotic exoskeleton suits, other than for medical purposes
roller bearings
roller bridges
rolling mill cylinders
rolling mills
rotary printing presses

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rotary steam presses, portable, for fabrics
rubber tracks being parts of crawlers on agricultural machines
rubber tracks being parts of crawlers on construction machines
rubber tracks being parts of crawlers on loading-unloading machines and apparatus
rubber tracks being parts of crawlers on mining machines
rubber tracks being parts of crawlers on snow ploughs
satinizing machines
sausage making machines
saw benches [parts of machines]
saw blades [parts of machines]
saws [machines]
scale collectors for machine boilers
scissors , electric
screwdrivers , electric
electrical apparatus for sealing plastics [packaging]
sealing machines for industrial purposes
self-oiling bearings
self-regulating fuel pumps
sewage pulverizers / sewage pulverisers
sewing machines
shaft couplings [machines]
sharpening machines
sheaf-binding machines
shearing machines for animals / hair clipping machines for animals / hair cutting machines for animals
shears , electric
shock absorber plungers [parts of machines] / dashpot plungers [parts of machines] / plunger pistons
shoe polishers, electric
shovels , mechanical
shredders [machines] for industrial use
shuttles [parts of machines]
sieves [machines or parts of machines]
sifting installations
sifting machines
sizing machines
ski edge sharpening tools, electric
slide rests [parts of machines]

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sliders for knitting machines / carriages for knitting machines / slides for knitting machines
smoothing presses
snow ploughs
soldering apparatus, electric
soldering apparatus, gas-operated / welding apparatus, gas-operated
soldering blow pipes, gas-operated
soldering irons, electric
soldering irons, gas-operated
soldering lamps
sorting machines for industry
sowers [machines]
sparking plugs for internal combustion engines
speed governors for machines, engines and motors
spin dryers [not heated] / spin driers [not heated]
spinning frames
spinning machines
spinning wheels
spray guns for paint
springs [parts of machines]
stalk separators [machines]
stamping machines
stands for machines
starters for motors and engines
stators [parts of machines]
steam condensers [parts of machines]
steam engine boilers
steam engines
steam mops
steam traps
steam/oil separators
steamrollers / road rollers
stereotype machines
stitching machines
stone-working machines
straw [chaff] cutters / chaff cutters
stuffing boxes [parts of machines]
suction cups for milking machines / teat cups for milking machines
suction machines for industrial purposes
suction nozzles for vacuum cleaners

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machines for the production of sugar
superchargers
superheaters
swaging machines
tables for machines
tambours for embroidery machines
taps [parts of machines, engines or motors] / faucets [parts of machines, engines or motors]
tarring machines
tedding machines
machines for the textile industry
thermic lances [machines]
threading machines
threshing machines
tilling machines for agricultural purposes
tilt hammers
tin openers, electric / can openers, electric
tobacco processing machines
tools [parts of machines]
torque converters, other than for land vehicles
transmission chains, other than for land vehicles
transmission shafts, other than for land vehicles
transmissions for machines
transmissions , other than for land vehicles
pneumatic transporters
trimming machines / apparatus for dressing / apparatus for machining
trueing machines
pneumatic tube conveyors / tube conveyors, pneumatic
hydraulic turbines
turbines , other than for land vehicles
turbocompressors
turf removing ploughs
tympan s [parts of printing presses]
type-setting machines [photocomposition]
type-setting machines [printing]
typecasting machines
typographic machines
typographic presses
universal joints [Cardan joints]
vacuum cleaner attachments for disseminating perfumes and disinfectants

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vacuum cleaner bags
vacuum cleaner hoses
vacuum cleaners
vacuum pumps [machines]
valves [parts of machines]
vegetable peelers, electric
vegetable spiralizers, electric
vending machines
vibrators [machines] for industrial use
vulcanization apparatus
washing apparatus
washing installations for vehicles / vehicle washing installations
washing machines [laundry]
pneumatic waste oil drainers
waste compacting machines / trash compacting machines
waste disposal units / garbage disposal units
water heaters being parts of machines
water separators / drain cocks
machines and apparatus for wax-polishing , electric
weeding machines
electric welding apparatus
welding machines, electric
machine wheels
machine wheelwork
whisks , electric, for household purposes
whitewashing machines / colour-washing machines
winches
wind turbines
window closers, electric
window closers, hydraulic
window closers, pneumatic
window openers, electric
window openers, hydraulic
window openers, pneumatic
wine presses
winnowers
woodworking machines
wrapping machines
wringing machines for laundry