Class 7

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 all kinds of motors and engines, 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 for manufacturing;
- 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);
- certain special machines, for example, automated teller machines (Cl. 9), respirators for artificial respiration (Cl. 10), refrigerating apparatus and machines (Cl. 11);
- 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, as well as tyres for all kinds of vehicle wheels (Cl. 12).

Basic No.	Indication
070596	3D bioprinters
070555	3D printers
070632	3D printers for food
070576	3D printing pens
070002	acetylene cleaning apparatus
070314	adhesive bands for pulleys
070005	aerating pumps for aquaria
070386	aeronautical engines
070029	aeroplane engines
070007	agitators
070009	agricultural elevators
070627	agricultural harvesting robots
070388	agricultural implements, other than hand-operated

070008	agricultural machines
070514	air brushes for applying colour
070011	air condensers
070129	air cushion devices for moving loads
070310	air pumps [garage installations]
070398	air suction machines
070018	alternators
070396	anti-friction bearings for machines / anti-friction pads for machines
070273	anti-pollution devices for motors and engines
070056	apparatus for aerating beverages
070163	apparatus for aerating water
070012	apparatus for drawing up beer under pressure
070360	aprons [parts of machines] / carriage aprons
070214	atomising machines / atomizing machines / spraying machines
070073	automatic grapnels for marine purposes
070614	automatic tool changers for industrial robots
070020	axles for machines
070339	ball rings for bearings
070049	ball-bearings
070533	basket presses
070091	bearing brackets for machines
070130	bearings [parts of machines]
070290	bearings for transmission shafts
070403	beaters, electric
070044	beating machines
070390	beer pumps
070350	bellows [parts of machines]
070037	belt conveyors
070036	belts for conveyors
070074	belts for machines
070343	belts for motors and engines

070104	bending machines
070315	beverage preparation machines, electromechanical
070512	bicycle assembling machines
070047	bicycle dynamos
070058	binding apparatus for hay / trussing apparatus for hay
070593	bioreactors for use in manufacturing biopharmaceuticals
070050	bitumen making machines
070227	blade holders [parts of machines]
070225	blade sharpening [stropping] machines / stropping machines
070189	blades [parts of machines]
070444	blenders, electric, for household purposes
070534	blowing machines
070199	blowing machines for the compression, exhaustion and transport of gases
070203	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
070054	bobbins for weaving looms / reels for weaving looms
070471	boiler tubes [parts of machines]
070327	bookbinding apparatus and machines for industrial purposes
070411	bottle capping machines
070064	bottle filling machines
070412	bottle sealing machines
070410	bottle stoppering machines
070065	bottle washing machines
070081	boxes for matrices [printing]
070372	braiding machines
070405	brake linings, other than for vehicles
070524	brake pads, other than for vehicles
070407	brake segments, other than for vehicles
070406	brake shoes, other than for vehicles
070288	bread cutting machines
070066	brewing machines

070068	brushes [parts of machines]
070559	brushes for vacuum cleaners
070413	brushes, electrically operated [parts of machines]
070069	bulldozers
070046	butter machines
070292	calenders / mangles
070568	camshafts for vehicle engines
070072	capstans
070093	carbon brushes [electricity]
070015	carburetter feeders
070078	carburetters
070079	card clothing [parts of carding machines]
070364	carding machines
070097	carriages for knitting machines
070424	cartridges for filtering machines
070482	catalytic converters
070483	central vacuum cleaning installations
070086	centrifugal machines / centrifuges [machines]
070087	centrifugal mills
070088	centrifugal pumps
070223	chaff cutter blades
070484	chain saws
070585	cheese slicers, electric
070624	chemical reactors for use in manufacturing
070107	chisels for machines
070194	chucks [parts of machines]
070038	churns
070103	cigarette machines for industrial purposes
070082	cinder sifters [machines]
070108	clack valves [parts of machines]
070485	cleaning appliances utilizing steam

070122	clippers [machines]
070623	clutch linings, other than for land vehicles
070174	clutches, other than for land vehicles
070094	coal-cutting machines
070415	coffee grinders, other than hand-operated
070236	coin-operated washing machines
070391	compressed air engines
070456	compressed air guns for the extrusion of mastics
070392	compressed air machines
070393	compressed air pumps
070113	compressors [machines]
070437	compressors for refrigerators
070045	concrete mixers [machines]
070116	condensing installations
070048	connecting rods for machines, motors and engines
070434	control cables for machines, engines or motors
070435	control mechanisms for machines, engines or motors
070003	converters for steelworks
070371	conveyors [machines]
070119	cord making machines
070385	couplings, other than for land vehicles
070075	cowlings [parts of machines] / guards [parts of machines] / hoods [parts of machines]
070453	cranes [lifting and hoisting apparatus]
070474	crankcases for machines, motors and engines
070230	cranks [parts of machines]
070021	crankshafts
070083	cream/milk separators
070256	crushers for kitchen use, electric
070561	crushing machines
070138	cultivators [machines]
070124	current generators

070331	curtain drawing devices, electrically operated
070123	cutters [machines]
070486	cutting blow pipes, gas-operated
070146	cutting machines
070137	cylinder heads for engines
070139	cylinders for machines
070446	cylinders for motors and engines
070222	dairy machines
070329	darning machines
070147	de-aerators for feedwater
070149	degreasers [machines]
070251	derricks
070167	die-cutting and tapping machines / nut-tapping machines
070181	die-stamping machines
070397	diggers [machines]
070231	dishwashing machines / dishwashers
070153	disintegrators
070458	ditchers [ploughs]
070448	dividing machines
070538	door closers, electric
070551	door closers, hydraulic
070552	door closers, pneumatic
070539	door openers, electric
070515	door openers, hydraulic
070520	door openers, pneumatic
070158	drainage machines
070428	drill chucks [parts of machines]
070449	drilling bits [parts of machines]
070125	drilling heads [parts of machines]
070299	drilling machines
070462	drilling rigs, floating or non-floating

070425	drive chains, other than for land vehicles
070241	driving motors, other than for land vehicles
070039	drums [parts of machines]
070487	dust exhausting installations for cleaning purposes
070488	dust removing installations for cleaning purposes
070362	dyeing machines
070126	dynamo belts
070033	dynamo brushes
070160	dynamos
070417	earth moving machines
070170	ejectors
070531	electric arc cutting apparatus
070530	electric arc welding apparatus
070489	electric hammers
070300	electric hand drills
070308	electric machines and apparatus for polishing
070625	electric vacuum food sealers for household purposes
070526	electric welding apparatus
070541	electrical apparatus for sealing plastics [packaging]
070615	electrical discharge machines [EDM]
070171	electricity generators
070631	electrodes for electrical discharge machines [EDM]
070525	electrodes for welding machines
070490	electromechanical machines for chemical industry
070535	electroplating machines
070172	elevating apparatus
070491	elevator chains [parts of machines]
070024	elevators [machines]
070206	embossing machines
070492	emergency power generators
070557	engine mounts, other than for land vehicles

070380	engines for air cushion vehicles
070401	engines for boats
070207	engraving machines
070184	excavators
070497	exhaust manifold for engines
070451	exhausts for motors and engines
070493	expansion tanks [parts of machines]
070441	fan belts for motors and engines
070381	fans for motors and engines
070176	feeders [parts of machines]
070430	feeding apparatus for engine boilers
070353	filling machines
070109	filter presses
070192	filtering machines
070457	filters being parts of machines or engines
070010	filters for cleaning cooling air, for engines
070193	finishing machines
070101	fittings for engine boilers
070166	fleshing machines
070584	floating production, storage and offloading [FPSO] units
070266	flour mill machines
070416	flues for engine boilers
070600	fluid dispensing machines for industrial use
070195	fodder presses
070423	food preparation machines, electromechanical
070475	food processors, electric
070351	forge blowers
070196	foundry machines
070279	freewheels, other than for land vehicles
070325	friezing machines
070620	fruit pitting machines

070460	fruit presses, electric, for household purposes
070463	fuel conversion apparatus for internal combustion engines
070542	fuel dispensing pumps for service stations
070400	fuel economisers for motors and engines
070605	furnace loading machines
070536	galvanizing machines
070522	gas-operated blow torches
070409	gear boxes, other than for land vehicles
070212	gears for weaving looms
070443	gears, other than for land vehicles
070382	glass-working machines
070494	glaziers' diamonds [parts of machines]
070061	glow plugs for Diesel engines
070476	glue guns, electric
070587	grain elevators
070089	grain husking machines / corn and grain husking machines / corn husking machines
070169	grain separators
070455	grating machines for vegetables
070204	grease boxes [parts of machines]
070031	grease rings [parts of machines]
070263	grinding machines
070389	grindstones [parts of machines] / sharpening wheels [parts of machines]
070209	guides for machines
070477	guns [tools using explosive cartridges]
070247	hammers [parts of machines]
070284	hand-held tools, other than hand-operated
070245	handling apparatus for loading and unloading
070421	handling machines, automatic [manipulators]
070092	hangers [parts of machines]
070213	harrows
070051	harvesting machines / mowing and reaping machines

070185	haulage apparatus [mining] / extractors for mines
070450	heat exchangers [parts of machines]
070283	hemming machines
070495	high pressure washers
070095	hoists
070286	holding devices for machine tools
070145	hoppers [mechanical discharging]
070057	hosiery looms [machines]
070598	household cleaning and laundry robots with artificial intelligence
070040	housings [parts of machines]
070472	hydraulic controls for machines, motors and engines
070461	hydraulic engines and motors
070215	hydraulic turbines
070579	hydrogen dispensing pumps for service stations
070016	igniting devices for internal combustion engines
070244	igniting magnetos
070442	incubators for eggs
070580	industrial inkjet printing machines
070422	industrial robots for manufacturing
070077	injectors for engines
070175	inking apparatus for printing machines
070328	ironing machines
070135	jacks [machines]
070272	jet engines, other than for land vehicles
070118	joints [parts of engines] / sealing joints [parts of engines]
070289	journal boxes [parts of machines]
070366	journals [parts of machines]
070567	joysticks being parts of machines, other than for game machines
070565	juice extractors, electric
070516	kick starters for motorcycles
070553	kitchen grinders, electric

070445	kitchen machines, electric
070295	kneading machines
070374	knitting machines
070080	knives being parts of machines
070188	knives for mowing machines
070131	knives, electric
070182	labellers [machines]
070151	lace making machines
070352	lasts for shoes [parts of machines] / shoe lasts [parts of machines]
070098	lathes [machine tools]
070588	laundry washing machines with drying function
070201	lawnmowers [machines]
070157	leather paring machines
070136	leather-working machines
070237	lifting apparatus
070096	loading ramps
070224	loom shafts
070259	looms [machines]
070205	lubricating pumps
070085	lubricators [parts of machines]
070337	machine fly-wheels
070243	machine tools
070336	machine wheels
070335	machine wheelwork
070481	machines and apparatus for carpet shampooing, electric
070281	machines and apparatus for cleaning, electric
070510	machines and apparatus for wax-polishing, electric
070591	machines for generating gas by electrolysis
070544	machines for processing plastics
070595	machines for the application of sizing
070164	machines for the mineralization of drinking water / machines for the mineralisation of drinking water

070356	machines for the production of sugar
070496	machines for the textile industry
070616	machining centres for metalworking / machining centers for metalworking
070436	matrices for use in printing
070211	meat choppers, electric / meat mincers, electric
070621	mechanical seals being parts of machines
070617	mechanical vehicle stacking lifts
070517	mechanized livestock feeders
070183	metal drawing machines
070258	metalworking machines
070367	milking machines
070090	milling machines
070042	mills [machines]
070277	mills for household purposes, other than hand-operated
070262	millstones
070264	mine borers
070342	mineworking machines
070610	miso making machines
070267	mixers [machines]
070026	mixing machines
070583	mobile cranes
070071	mortising machines / paring machines
070513	motorized cultivators
070402	motors for boats
070452	motors, electric, other than for land vehicles
070433	motors, other than for land vehicles / engines, other than for land vehicles
070278	moulding machines / molding machines
070276	moulds [parts of machines] / molds [parts of machines]
070178	moving staircases [escalators] / escalators
070518	moving walkways / moving sidewalks
070059	mud catchers and collectors [machines]

070519	mufflers for motors and engines / silencers for motors and engines
070558	nail extractors, electric / nail pullers, electric
070602	needles for knitting machines
070603	needles for sewing machines
070604	needles for wool combing machines
070478	net hauling machines [fishing]
070208	notchers [machine tools]
070498	oil refining machines
070619	optical fibre fusion splicers / optical fiber fusion splicers
070265	ore treating machines
070622	outboard motors
070499	packaging machines
070294	packing machines
070297	painting machines
070246	paper feeders [printing]
070291	papermaking machines
070500	parquet wax-polishers, electric
070613	passenger boarding bridges, electromechanical
070540	passenger lift operating apparatus / passenger elevator operating apparatus
070023	passenger lifts / passenger elevators
070296	pasta making machines, electric
070111	pedal drives for sewing machines
070454	peeling machines
070307	pepper mills, other than hand-operated
070601	petrol pumps for service stations / gas pumps for service stations
070564	pigs for cleaning pipes
070032	piston segments / piston rings
070302	pistons [parts of machines or engines]
070197	pistons for cylinders
070274	pistons for engines
070321	planing machines

070028	ploughs
070100	ploughshares
070473	pneumatic controls for machines, motors and engines
070249	pneumatic hammers
070554	pneumatic jacks
070594	pneumatic or hydraulic linear actuators, other than for land vehicles
070304	pneumatic transporters
070370	pneumatic tube conveyors / tube conveyors, pneumatic
070574	pneumatic waste oil drainers
070597	portable laser engraving machines
070589	portable ultrasonic washing devices for laundry
070420	potters' wheels
070248	power hammers
070316	presses [machines for industrial purposes]
070154	pressure reducers [parts of machines]
070317	pressure regulators [parts of machines]
070318	pressure valves [parts of machines]
070140	printing cylinders
070218	printing machines
070216	printing machines for use on sheet metal
070217	printing plates
070219	printing presses
070220	printing rollers for machines
070252	propulsion mechanisms, other than for land vehicles
070319	puddling machines
070117	pulleys [parts of machines]
070099	pulleys*
070257	pump diaphragms
070309	pumps [machines]
070179	pumps [parts of machines, engines or motors]
070575	pumps for counter-current swimming

070311	pumps for heating installations
070305	punches for punching machines
070306	punching machines
070132	rack and pinion jacks
070511	racket stringing machines
070464	radiators [cooling] for motors and engines
070322	rail-laying machines
070383	railroad constructing machines
070271	railway wagon lifts
070323	rakes for raking machines
070324	raking machines
070562	rammers [machines]
070404	rams [machines]
070268	reapers
070269	reapers and binders
070270	reapers and threshers
070447	reduction gears, other than for land vehicles
070155	reeling apparatus, mechanical
070408	reels [parts of machines]
070376	reels, mechanical, for flexible hoses
070254	regulators [parts of machines]
070063	rinsing machines
070332	riveting machines
070340	road making machines / road building machines
070034	road sweeping machines, self-propelled
070611	robotic arms for preparing beverages
070582	robotic exoskeleton suits, other than for medical purposes
070629	robotic pool cleaners
070626	robotic window cleaners
070338	roller bearings
070313	roller bridges

070141	rolling mill cylinders
070228	rolling mills
070334	rotary printing presses
070480	rotary steam presses, portable, for fabrics
070571	rubber tracks being parts of crawlers for agricultural machines
070569	rubber tracks being parts of crawlers for construction machines
070570	rubber tracks being parts of crawlers for loading-unloading machines and apparatus
070572	rubber tracks being parts of crawlers for mining machines
070573	rubber tracks being parts of crawlers for snow ploughs
070612	sandblasting guns
070345	satinizing machines
070346	sausage making machines
070035	saw benches [parts of machines]
070226	saw blades [parts of machines]
070341	saws [machines]
070110	scale collectors for machine boilers
070106	scissors, electric
070566	screwdrivers, electric
070347	sealing machines for industrial purposes
070027	self-oiling bearings
070543	self-regulating fuel pumps
070608	semiconductor exposure apparatus for use in manufacture
070607	semiconductor manufacturing machines
070162	sewage pulverizers / sewage pulverisers
070440	sewing machines
070001	shaft couplings [machines]
070387	sharpening machines
070052	sheaf-binding machines
070431	shearing machines for animals / hair clipping machines for animals / hair cutting machines for animals
070105	shears, electric
070395	shock absorber plungers [parts of machines] / dashpot plungers [parts of machines] / plunger pistons

070501	shoe polishers, electric
070070	shovels, mechanical
070419	shredders [machines] for industrial use
070280	shuttles [parts of machines]
070187	sieves [machines or parts of machines]
070133	sifting installations
070556	sifting machines
070013	size adjustment cutting machines for industrial purposes
070560	ski edge sharpening tools, electric
070365	slide rests [parts of machines]
070628	sliders for knitting machines
070240	smoothing presses
070502	snow ploughs
070528	soldering apparatus, electric
070503	soldering apparatus, gas-operated / welding apparatus, gas-operated
070504	soldering blow pipes, gas-operated
070529	soldering irons, electric
070505	soldering irons, gas-operated
070532	soldering lamps
070143	sorting machines for industry
070348	sowers [machines]
070609	soy sauce making machines
070394	sparking plugs for internal combustion engines
070275	speed governors for machines, engines and motors
070084	spin dryers [not heated] / spin driers [not heated]
070260	spinning frames
070190	spinning machines
070191	spinning wheels
070298	spray guns for paint
070330	springs [parts of machines]
070168	stalk separators [machines]

070180	stamping machines
070041	stands for machines
070606	starter pinions
070150	starters for motors and engines
070354	stators [parts of machines]
070115	steam condensers [parts of machines]
070429	steam engine boilers
070242	steam engines
070581	steam mops
070320	steam traps
070152	steam/oil separators
070014	steamrollers / road rollers
070355	stereotype machines
070128	stitching machines
070301	stone-working machines
070210	straw [chaff] cutters / chaff cutters
070198	stuffing boxes [parts of machines]
070368	suction cups for milking machines / teat cups for milking machines
070282	suction machines for industrial purposes
070563	suction nozzles for vacuum cleaners
070358	superchargers
070173	swaging machines
070359	tables for machines
070067	tambours for embroidery machines
070004	tape dispensing machines for industrial use
070333	taps [parts of machines, engines or motors] / faucets [parts of machines, engines or motors]
070202	tarring machines
070186	tedding machines
070229	thermic lances [machines]
070062	threading machines
070043	threshing machines

070630	thrusters, other than for land vehicles
070599	ticket vending machines
070577	tilling machines for agricultural purposes
070250	tilt hammers
070287	tin openers, electric / can openers, electric
070255	tobacco processing machines
070285	tools [parts of machines]
070426	torque converters, other than for land vehicles
070592	touchless stationary vacuums
070427	transmission chains, other than for land vehicles
070253	transmission mechanisms, other than for land vehicles
070022	transmission shafts, other than for land vehicles
070369	transmissions for machines
070159	trimming machines / apparatus for dressing / apparatus for machining
070326	trueing machines
070375	turbines, other than for land vehicles
070618	turbochargers for motors
070114	turbocompressors
070148	turf removing ploughs
070377	tympans [parts of printing presses]
070112	type-setting machines [photocomposition]
070076	type-setting machines [printing]
070120	typecasting machines
070378	typographic machines
070303	typographic presses
070479	universal joints [Cardan joints]
070506	vacuum cleaner attachments for disseminating perfumes and disinfectants
070521	vacuum cleaner bags
070507	vacuum cleaner hoses
070508	vacuum cleaners
070312	vacuum pumps [machines]

070019	valves [parts of machines]
070586	vegetable peelers, electric
070590	vegetable slicers, electric / vegetable shredders, electric
070578	vegetable spiralizers, electric
070537	vending machines
070509	vibrators [machines] for industrial use
070384	vulcanization apparatus
070233	washing apparatus
070235	washing installations for vehicles / vehicle washing installations
070234	washing machines [laundry]
070418	waste compacting machines / trash compacting machines
070414	waste disposal units / garbage disposal units
070165	water heaters being parts of machines
070439	water separators / drain cocks
070344	weeding machines
070349	welding machines, electric
070459	whisks, electric, for household purposes
070030	whitewashing machines / colour-washing machines
070373	winches
070523	wind turbines
070546	window closers, electric
070548	window closers, hydraulic
070550	window closers, pneumatic
070545	window openers, electric
070547	window openers, hydraulic
070549	window openers, pneumatic
070102	wine presses
070379	winnowers
070055	woodworking machines
070177	wrapping machines
070239	wringing machines for laundry