

NICE CLASSIFICATION - 11th Edition, Version 2018

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;
- 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).

Basic No.	Indication
	• AGRICULTURAL, EARTHMOVING, CONSTRUCTION, OIL AND GAS EXTRACTION AND MINING EQUIPMENT
070069	bulldozers
070082	cinder sifters [machines]
070094	coal-cutting machines
070561	crushing machines
070397	diggers [machines]
070458	ditchers [ploughs]
070462	drilling rigs, floating or non-floating
070417	earth moving machines
070184	excavators
070073	automatic grapnels for marine purposes
070263	grinding machines

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070185	haulage apparatus [mining] / extractors for mines
070264	mine borers
070342	mineworking machines
070265	ore treating machines
070454	peeling machines
070562	rammers [machines]
070404	rams [machines]
070070	shovels , mechanical
070133	sifting installations
070556	sifting machines
070250	tilt hammers
	• • AGRICULTURAL, GARDENING AND FORESTRY MACHINES AND APPARATUS
070008	agricultural machines
070009	agricultural elevators
070388	agricultural implements, other than hand-operated
070058	binding apparatus for hay / trussing apparatus for hay
070223	chaff cutter blades
070138	cultivators [machines]
070222	dairy machines
070195	fodder presses
070089	grain husking machines / corn husking machines / corn and grain husking machines
070169	grain separators
070213	harrows
070051	harvesting machines / mowing and reaping machines
070145	hoppers [mechanical discharging]
070442	incubators for eggs
070188	knives for mowing machines
070201	lawnmowers [machines]
070517	mechanized livestock feeders
070367	milking machines
070513	motorized cultivators

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070028	ploughs
070100	ploughshares
070323	rakes for raking machines
070324	raking machines
070268	reapers
070269	reapers and binders
070270	reapers and threshers
070052	sheaf-binding machines
070431	shearing machines for animals / hair clipping machines for animals / hair cutting machines for animals
070348	sowers [machines]
070210	straw [chaff] cutters / chaff cutters
070186	tedding machines
070043	threshing machines
070577	tilling machines for agricultural purposes
070159	trimming machines / apparatus for dressing / apparatus for machining
070148	turf removing ploughs
070344	weeding machines
070379	winnowers
	• • CONSTRUCTION MACHINES
070050	bitumen making machines
070045	concrete mixers [machines]
070322	rail-laying machines
070383	railroad constructing machines
070340	road making machines / road building machines
070345	satnizing machines
070014	steamrollers / road rollers
070202	tarring machines
	• PUMPS, COMPRESSORS AND FANS
070005	aerating pumps for aquaria
070310	air pumps [garage installations]
070398	air suction machines

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070390	beer pumps
070199	blowing machines for the compression, exhaustion and transport of gases
070203	blowing machines for the compression, sucking and carrying of grain / fans for the compression, sucking and carrying of grain / blowing machines or fans for the compression, sucking and carrying of grain
070088	centrifugal pumps
070392	compressed air machines
070393	compressed air pumps
070113	compressors [machines]
070437	compressors for refrigerators
070158	drainage machines
070170	ejectors
070430	feeding apparatus for engine boilers
070351	forge bellows
070205	lubricating pumps
070257	pump diaphragms
070179	pumps [parts of machines, engines or motors]
070309	pumps [machines]
070311	pumps for heating installations
070575	pumps for counter-current swimming
070404	rams [machines]
070282	suction machines for industrial purposes
070312	vacuum pumps [machines]
070574	pneumatic waste oil drainers
	• INDUSTRIAL ROBOTS
	• GENERATORS OF ELECTRICITY
070018	alternators
070047	bicycle dynamos
070093	carbon brushes [electricity]
070033	dynamo brushes
070160	dynamos
070492	emergency power generators

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070354	stators [parts of machines]
070523	wind turbines
	• MOVING AND HANDLING EQUIPMENT
070129	air cushion devices for moving loads
070448	dividing machines
070430	feeding apparatus for engine boilers
070353	filling machines
070245	handling apparatus for loading and unloading
070421	handling machines, automatic [manipulators]
070145	hoppers [mechanical discharging]
070096	loading ramps
070518	moving walkways / moving sidewalks
070478	net hauling machines [fishing]
070499	packaging machines
070294	packing machines
070117	pulleys [parts of machines]
070155	reeling apparatus, mechanical
070376	reels , mechanical, for flexible hoses
070313	roller bridges
070143	sorting machines for industry
070373	winches
070177	wrapping machines
	• • OPENING AND CLOSING MECHANISMS
070331	curtain drawing devices, electrically operated
070515	door openers, hydraulic
070520	door openers, pneumatic
070538	door closers, electric
070539	door openers, electric
070551	door closers, hydraulic
070552	door closers, pneumatic
070545	window openers, electric

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070546	window closers, electric
070547	window openers, hydraulic
070548	window closers, hydraulic
070549	window openers, pneumatic
070550	window closers, pneumatic
	• • LIFTING AND HOISTING EQUIPMENT, ELEVATORS AND ESCALATORS
070314	adhesive bands for pulleys
070009	agricultural elevators
070072	capstans
070453	cranes [lifting and hoisting apparatus]
070251	derricks
070172	elevating apparatus
070127	elevator belts / lift belts
070491	elevator chains [parts of machines]
070540	elevator operating apparatus / lift operating apparatus
070024	elevators [lifts]
070095	hoists
070135	jacks [machines]
070554	pneumatic jacks
070237	lifting apparatus
070023	lifts , other than ski-lifts
070178	moving staircases [escalators] / escalators
070099	pulleys *
070132	rack and pinion jacks
070271	railway wagon lifts
	• • CONVEYORS AND CONVEYORS BELTS
070037	belt conveyors
070036	belts for conveyors
070371	conveyors [machines]
070304	pneumatic transporters
070370	pneumatic tube conveyors / tube conveyors, pneumatic

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	• • PACKAGING MACHINES
070064	bottle filling machines
070410	bottle stoppering machines
070411	bottle capping machines
070412	bottle sealing machines
070347	sealing machines for industrial purposes
070541	electrical apparatus for sealing plastics [packaging]
	• MACHINES AND MACHINE TOOLS FOR TREATMENT OF MATERIALS AND FOR MANUFACTURING
070555	3D printers
070006	aerocondensers
070007	agitators
070011	air condensers
070044	beating machines
070512	bicycle assembling machines
070534	blowing machines
070372	braiding machines
070490	electromechanical machines for chemical industry
070103	cigarette machines for industrial purposes
070116	condensing installations
070119	cord making machines
070362	dyeing machines
070206	embossing machines
070382	glass-working machines
070477	guns [tools using explosives]
070247	hammers [parts of machines]
070249	pneumatic hammers
070489	electric hammers
070284	hand-held tools, other than hand-operated
070243	machine tools
070267	mixers [machines]
070026	mixing machines

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070278	moulding machines / molding machines
070558	nail extractors, electric / nail pullers, electric
070498	oil refining machines
070420	potters' wheels
070248	power hammers
070511	racket stringing machines
070063	rinsing machines
070345	satinizing machines
070301	stone-working machines
070250	tilt hammers
070287	tin openers, electric / can openers, electric
070285	tools [parts of machines]
070326	trueing machines
070509	vibrators [machines] for industrial use
070384	vulcanization apparatus
070055	woodworking machines
	• • CUTTING, DRILLING, ABRADING, SHARPENING AND SURFACE TREATMENT MACHINES AND APPARATUS
070531	electric arc cutting apparatus
070225	blade sharpening [stropping] machines / stropping machines
070227	blade holders [parts of machines]
070189	blades [parts of machines]
070484	chain saws
070107	chisels for machines
070122	clippers [machines]
070123	cutters [machines]
070146	cutting machines
070486	cutting blow pipes, gas-operated
070167	die-cutting and tapping machines / nut-tapping machines
070448	dividing machines
070207	engraving machines

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070193	finishing machines
070494	glaziers' diamonds [parts of machines]
070389	grindstones [parts of machines] / sharpening wheels [parts of machines]
070131	knives , electric
070098	lathes [machine tools]
070157	leather paring machines
070090	milling machines
070071	mortising machines / paring machines
070208	notchers [machine tools]
070321	planing machines
070305	punches for punching machines
070306	punching machines
070106	scissors , electric
070387	sharpening machines
070105	shears , electric
070419	shredders [machines] for industrial use
070560	ski edge sharpening tools, electric
070180	stamping machines
070229	thermic lances [machines]
070062	threading machines
070159	trimming machines / apparatus for dressing / apparatus for machining
070510	machines and apparatus for wax-polishing , electric
	• • • POWER DRILLS AND BORES
070428	drill chucks [parts of machines]
070125	drilling heads [parts of machines]
070299	drilling machines
070449	drilling bits [parts of machines]
070300	electric hand drills
	• • • POWER SAWS
070226	saw blades [parts of machines]
070341	saws [machines]

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	• • MILLS AND CRUSHING MACHINES
070087	centrifugal mills
070561	crushing machines
070153	disintegrators
070263	grinding machines
070042	mills [machines]
070262	millstones
070562	rammers [machines]
070141	rolling mill cylinders
070228	rolling mills
	• • SHAPING AND MOULDING MACHINES
070104	bending machines
070292	calenders / mangles
070456	compressed air guns for the extrusion of mastics
070181	die-stamping machines
070183	metal drawing machines
070283	hemming machines
070276	moulds [parts of machines] / molds [parts of machines]
070316	presses [machines for industrial purposes]
070240	smoothing presses
070180	stamping machines
070173	swaging machines
	• • MACHINES, TOOLS AND APPARATUS FOR FASTENING AND JOINING
070522	gas-operated blow torches
070332	riveting machines
070566	screwdrivers , electric
	• • • WELDING AND SOLDERING EQUIPMENT
070530	electric arc welding apparatus
070525	electrodes for welding machines
070503	soldering apparatus, gas-operated / welding apparatus, gas-operated
070504	soldering blow pipes, gas-operated

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070505	soldering irons, gas-operated
070528	soldering apparatus, electric
070529	soldering irons, electric
070532	soldering lamps
070349	welding machines, electric
070526	electric welding apparatus
	• • FILTERING MACHINES, SEPARATORS AND CENTRIFUGES
070424	cartridges for filtering machines
070086	centrifugal machines / centrifuges [machines]
070082	cinder sifters [machines]
070109	filter presses
070192	filtering machines
070169	grain separators
070187	sieves [machines or parts of machines]
070168	stalk separators [machines]
070152	steam /oil separators
070439	water separators / drain cocks
	• • COATING MACHINES
070149	degreasers [machines]
070535	electroplating machines
070536	galvanizing machines
070297	painting machines
070202	tarring machines
	• • WASTE MANAGEMENT AND RECYCLING MACHINES
070162	sewage pulverizers / sewage pulverisers
070419	shredders [machines] for industrial use
070414	waste disposal units / garbage disposal units
070418	waste compacting machines / trash compacting machines
	• • PRINTING AND BOOKBINDING MACHINES
070576	3D printing pens
070327	bookbinding apparatus and machines for industrial purposes

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070081	boxes for matrices [printing]
070206	embossing machines
070175	inking apparatus for printing machines
070182	labellers [machines]
070436	matrices for use in printing
070246	paper feeders [printing]
070140	printing cylinders
070216	printing machines for use on sheet metal
070217	printing plates
070218	printing machines
070219	printing presses
070220	printing rollers for machines
070334	rotary printing presses
070355	stereotype machines
070377	tympan s [parts of printing presses]
070120	typecasting machines
070076	type-setting machines [printing]
070112	type-setting machines [photocomposition]
070303	typographic presses
070378	typographic machines
	• • TEXTILE AND LEATHER SEWING EQUIPMENT
070329	darning machines
070283	hemming machines
070352	lasts for shoes [parts of machines] / shoe lasts [parts of machines]
070111	pedal drives for sewing machines
070440	sewing machines
070128	stitching machines
070067	tambours for embroidery machines
	• • MATERIAL PRODUCTION AND PROCESSING MACHINES
070166	fleshing machines
070136	leather-working machines

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070293	paper machines
070291	papermaking machines
070544	machines for processing plastics
070255	tobacco processing machines
	• • • METAL PRODUCTION MACHINES
070003	converters for steelworks
070196	foundry machines
070258	metalworking machines
070319	puddling machines
	• • • TEXTILE PRODUCTION MACHINES
070054	bobbins for weaving looms / reels for weaving looms
070079	card clothing [parts of carding machines]
070364	carding machines
070325	friezing machines
070212	gears for weaving looms
070057	hosiery looms
070374	knitting machines
070151	lace making machines
070224	loom shafts
070259	looms
070013	sizing machines
070097	sliders for knitting machines / carriages for knitting machines / slides for knitting machines
070190	spinning machines
070191	spinning wheels
070260	spinning frames
070496	machines for the textile industry
	• • • PAPER PRODUCTION MACHINES
070013	sizing machines
	• • FOOD AND BEVERAGE PROCESSING AND PREPARATION MACHINES AND APPARATUS
070056	apparatus for aerating beverages
070163	apparatus for aerating water

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070533	basket presses
070403	beaters , electric
070390	beer pumps
070315	beverage preparation machines, electromechanical
070444	blenders , electric, for household purposes
070288	bread cutting machines
070066	brewing machines
070046	butter machines
070038	churns
070415	coffee grinders, other than hand-operated
070083	cream /milk separators
070256	crushers for kitchen use, electric
070222	dairy machines
070012	apparatus for drawing up beer under pressure
070266	flour mill machines
070423	food preparation machines, electromechanical
070475	food processors, electric
070460	fruit presses, electric, for household purposes
070455	grating machines for vegetables
070565	juice extractors, electric
070445	kitchen machines, electric*
070553	kitchen grinders, electric
070295	kneading machines
070211	meat choppers [machines] / meat mincers [machines]
070277	mills for household purposes, other than hand-operated
070164	machines for the production of mineral water
070296	machines for making pasta
070454	peeling machines
070307	pepper mills, other than hand-operated
070346	sausage making machines
070133	sifting installations

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070556	sifting machines
070368	suction cups for milking machines / teat cups for milking machines
070356	machines for the production of sugar
070578	vegetable spiralizers, electric
070459	whisks , electric, for household purposes
070102	wine presses
	• ENGINES, POWERTRAINS, AND MACHINE PARTS, AND CONTROLS FOR THE OPERATION OF MACHINES AND ENGINES
070386	aeronautical engines
070029	aeroplane engines
070396	anti-friction bearings for machines / anti-friction pads for machines
070273	anti-pollution devices for motors and engines
070360	aprons [parts of machines] / carriage aprons
070020	axles for machines
070339	ball rings for bearings
070049	ball-bearings
070091	bearing brackets for machines
070130	bearings [parts of machines]
070290	bearings for transmission shafts
070350	bellows [parts of machines]
070074	belts for machines
070343	belts for motors and engines
070471	boiler tubes [parts of machines]
070405	brake linings, other than for vehicles
070406	brake shoes, other than for vehicles
070407	brake segments, other than for vehicles
070524	brake pads, other than for vehicles
070068	brushes [parts of machines]
070568	camshafts for vehicle engines
070093	carbon brushes [electricity]
070015	carburetter feeders

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070078	carburetters
070482	catalytic converters
070194	chucks [parts of machines]
070108	clack valves [parts of machines]
070174	clutches , other than for land vehicles
070391	compressed air engines
070048	connecting rods for machines, motors and engines
070434	control cables for machines, engines or motors
070435	control mechanisms for machines, engines or motors
070472	hydraulic controls for machines, motors and engines
070473	pneumatic controls for machines, motors and engines
070385	couplings , other than for land vehicles
070075	cowlings [parts of machines] / guards [parts of machines] / hoods [parts of machines]
070021	crank shafts
070474	crankcases for machines, motors and engines
070230	cranks [parts of machines]
070137	cylinder heads for engines
070139	cylinders for machines
070446	cylinders for motors and engines
070147	de-aerators for feedwater
070241	driving motors, other than for land vehicles
070425	driving chains, other than for land vehicles
070039	drums [parts of machines]
070126	dynamo belts
070557	engine mounts, other than for land vehicles
070380	engines for air cushion vehicles
070401	engines for boats
070461	hydraulic engines and motors
070497	exhaust manifold for engines
070451	exhausts for motors and engines
070493	expansion tanks [parts of machines]

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070441	fan belts for motors and engines
070381	fans for motors and engines
070176	feeders [parts of machines]
070010	filters for cleaning cooling air, for engines
070457	filters [parts of machines or engines]
070101	fittings for engine boilers
070416	flues for engine boilers
070279	freewheels , other than for land vehicles
070400	fuel economisers for motors and engines
070463	fuel conversion apparatus for internal combustion engines
070409	gear boxes, other than for land vehicles
070443	gears , other than for land vehicles
070061	glow plugs for Diesel engines
070031	grease rings [parts of machines]
070204	grease boxes [parts of machines]
070209	guides for machines
070092	hangers [parts of machines]
070450	heat exchangers [parts of machines]
070286	holding devices for machine tools
070040	 housings [parts of machines]
070016	igniting devices for internal combustion engines
070244	igniting magnetos
070077	injectors for engines
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
070516	kick starters for motorcycles
070080	knives [parts of machines]
070085	lubricators [parts of machines]

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070402	motors for boats
070433	motors , other than for land vehicles / engines , other than for land vehicles
070452	motors , electric, other than for land vehicles
070059	mud catchers and collectors [machines]
070519	mufflers for motors and engines / silencers for motors and engines
070032	piston segments / piston rings
070197	pistons for cylinders
070274	pistons for engines
070302	pistons [parts of machines or engines]
070154	pressure reducers [parts of machines]
070317	pressure regulators [parts of machines]
070318	pressure valves [parts of machines]
070252	propulsion mechanisms, other than for land vehicles
070179	pumps [parts of machines, engines or motors]
070464	radiators [cooling] for motors and engines
070447	reduction gears, other than for land vehicles
070408	reels [parts of machines]
070254	regulators [parts of machines]
070338	roller bearings
070035	saw benches [parts of machines]
070110	scale collectors for machine boilers
070027	self-oiling bearings
070543	self-regulating fuel pumps
070001	shaft couplings [machines]
070395	shock absorber plungers [parts of machines] / dashpot plungers [parts of machines] / plunger pistons
070280	shuttles [parts of machines]
070365	slide rests [parts of machines]
070394	sparking plugs for internal combustion engines
070275	speed governors for machines, engines and motors
070330	springs [parts of machines]
070041	stands for machines

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070150	starters for motors and engines
070354	stators [parts of machines]
070115	steam condensers [parts of machines]
070242	steam engines
070320	steam traps
070429	steam engine boilers
070198	stuffing boxes [parts of machines]
070358	superchargers
070357	superheaters
070359	tables for machines
070333	taps [parts of machines, engines or motors] / faucets [parts of machines, engines or motors]
070426	torque converters, other than for land vehicles
070022	transmission shafts, other than for land vehicles
070427	transmission chains, other than for land vehicles
070253	transmissions , other than for land vehicles
070369	transmissions for machines
070215	hydraulic turbines
070375	turbines , other than for land vehicles
070114	turbocompressors
070479	universal joints [Cardan joints]
070019	valves [parts of machines]
070165	water heaters [parts of machines]
070439	water separators / drain cocks
070523	wind turbines
	• • WHEELS AND TRACKS FOR MACHINES
070337	machine fly-wheels
070569	rubber tracks being parts of crawlers on construction machines
070570	rubber tracks being parts of crawlers on loading-unloading machines and apparatus
070571	rubber tracks being parts of crawlers on agricultural machines
070572	rubber tracks being parts of crawlers on mining machines
070573	rubber tracks being parts of crawlers on snow ploughs

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070336	machine wheels
070335	machine wheelwork
	• DISPENSING MACHINES
070004	adhesive tape dispensers [machines]
070542	fuel dispensing pumps for service stations
070476	glue guns, electric
070214	pulverisers [machines] / atomisers [machines] / spraying machines
070537	vending machines / distribution machines, automatic
	• • VENDING MACHINES
	• • SPRAYING MACHINES
070514	air brushes for applying colour
070298	spray guns for paint
	• SWEEPING, CLEANING, WASHING AND LAUNDERING MACHINES
070002	acetylene cleaning apparatus
070065	bottle washing machines
070413	brushes , electrically operated [parts of machines]
070559	brushes for vacuum cleaners
070481	machines and apparatus for carpet shampooing, electric
070483	central vacuum cleaning installations
070086	centrifugal machines / centrifuges [machines]
070281	machines and apparatus for cleaning , electric
070485	cleaning appliances utilizing steam
070236	coin-operated washing machines
070149	degreasers [machines]
070231	dishwashers
070487	dust exhausting installations for cleaning purposes
070488	dust removing installations for cleaning purposes
070495	high pressure washers
070500	parquet wax-polishers, electric
070564	pigs for cleaning pipes
070308	machines and apparatus for polishing [electric]

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070063	rinsing machines
070501	shoe polishers, electric
070084	spin dryers [not heated] / spin driers [not heated]
070563	suction nozzles for vacuum cleaners
070506	vacuum cleaner attachments for disseminating perfumes and disinfectants
070507	vacuum cleaner hoses
070508	vacuum cleaners
070521	vacuum cleaner bags
070233	washing apparatus
070234	washing machines [laundry]
070235	washing installations for vehicles / vehicle washing installations
070510	machines and apparatus for wax-polishing , electric
070030	whitewashing machines / colour-washing machines
	• • IRONING MACHINES AND LAUNDRY PRESSES
070292	calenders / mangles
070328	ironing machines
070480	rotary steam presses, portable, for fabrics
070239	wringing machines for laundry
	• • EXTERIOR CLEARING AND CLEANING EQUIPMENT
070034	road sweeping machines, self-propelled
070502	snow ploughs
	• GOODS OR SERVICES NOT ASSOCIATED WITH A HIERARCHY GROUP
070124	current generators
070171	generators of electricity
070422	industrial robots