

**1****Packaging machines and devices**

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|-----------------------------------|--|-----------------------------------|--------------------------------------|
| <input type="checkbox"/> 1.1 | Preparing and feeding | <input type="checkbox"/> 1.2.3.18 | Sacks |
| <input type="checkbox"/> 1.1.1 | Erecting machines for cardboard articles | <input type="checkbox"/> 1.2.3.19 | Syringes |
| <input type="checkbox"/> 1.1.2 | Machines to insert package inserts | <input type="checkbox"/> 1.2.3.20 | Tablet tubes |
| <input type="checkbox"/> 1.1.3 | Machines for depalletizing, de-stacking, sorting, aligning and feeding of empty packagings and packaging components | <input type="checkbox"/> 1.2.3.21 | Trays and similar containers |
| | | <input type="checkbox"/> 1.2.3.22 | Tubes |
| <input type="checkbox"/> 1.1.4 | Machines for cleaning or sterilizing and drying packagings | <input type="checkbox"/> 1.2.4 | Filling machines for |
| | | <input type="checkbox"/> 1.2.4.1 | Aerosol cans |
| <input type="checkbox"/> 1.1.5 | Machines for the assembly of packaging and packaging components (e.g. dosing pumps, syringes, drug delivery systems) | <input type="checkbox"/> 1.2.4.2 | Ampoules, small bottles, vials |
| | | <input type="checkbox"/> 1.2.4.3 | Bags |
| <input type="checkbox"/> 1.1.6 | Unpacking, emptying and depalletizing machines | <input type="checkbox"/> 1.2.4.4 | Barrels, kegs and similar containers |
| | | <input type="checkbox"/> 1.2.4.5 | Big-Bags |
| <input type="checkbox"/> 1.1.7 | Dosing and portioning machines | <input type="checkbox"/> 1.2.4.6 | Bottles |
| <input type="checkbox"/> 1.1.8 | Mixer and Carbonizer | <input type="checkbox"/> 1.2.4.7 | Boxes |
| <input type="checkbox"/> 1.1.9 | Product sorting and/or feeding machines | <input type="checkbox"/> 1.2.4.8 | Buckets |
| <input type="checkbox"/> 1.2 | Filling and packaging | <input type="checkbox"/> 1.2.4.9 | Canisters |
| <input type="checkbox"/> 1.2.1 | Form, fill and seal machines (FFS) for | <input type="checkbox"/> 1.2.4.10 | Cans |
| <input type="checkbox"/> 1.2.1.1 | Pouches | <input type="checkbox"/> 1.2.4.11 | Cartons, Folding boxes |
| <input type="checkbox"/> 1.2.1.2 | Blister | <input type="checkbox"/> 1.2.4.12 | Cases |
| <input type="checkbox"/> 1.2.1.3 | Bottles/small bottles | <input type="checkbox"/> 1.2.4.13 | Cups |
| <input type="checkbox"/> 1.2.1.4 | Cups | <input type="checkbox"/> 1.2.4.14 | Large containers |
| <input type="checkbox"/> 1.2.1.5 | Sacks | <input type="checkbox"/> 1.2.4.15 | Nets |
| <input type="checkbox"/> 1.2.1.6 | Tray and similar containers | <input type="checkbox"/> 1.2.4.16 | Packaging jars |
| <input type="checkbox"/> 1.2.2 | Cartoners | <input type="checkbox"/> 1.2.4.17 | Sacks |
| <input type="checkbox"/> 1.2.3 | Fill and seal machines (FS) for | <input type="checkbox"/> 1.2.4.18 | Syringes |
| <input type="checkbox"/> 1.2.3.1 | Ampoules, small bottles, vials | <input type="checkbox"/> 1.2.4.19 | Tablet tubes |
| <input type="checkbox"/> 1.2.3.2 | Bags | <input type="checkbox"/> 1.2.4.20 | Trays and similar containers |
| <input type="checkbox"/> 1.2.3.3 | Barrels, kegs and similar containers | <input type="checkbox"/> 1.2.4.21 | Tubes |
| <input type="checkbox"/> 1.2.3.4 | Big-bags (FIBCs) | <input type="checkbox"/> 1.2.5 | Closing machines for |
| <input type="checkbox"/> 1.2.3.5 | Blister | <input type="checkbox"/> 1.2.5.1 | Ampoules, small bottles, vials |
| <input type="checkbox"/> 1.2.3.6 | Bottles | <input type="checkbox"/> 1.2.5.2 | Bags |
| <input type="checkbox"/> 1.2.3.7 | Buckets | <input type="checkbox"/> 1.2.5.3 | Barrels, kegs and similar containers |
| <input type="checkbox"/> 1.2.3.8 | Canisters | <input type="checkbox"/> 1.2.5.4 | Bottles |
| <input type="checkbox"/> 1.2.3.9 | Cans | <input type="checkbox"/> 1.2.5.5 | Buckets |
| <input type="checkbox"/> 1.2.3.10 | Cardboard boxes | <input type="checkbox"/> 1.2.5.6 | Cans |
| <input type="checkbox"/> 1.2.3.11 | Cartridges | <input type="checkbox"/> 1.2.5.7 | Cartons and folding boxes |
| <input type="checkbox"/> 1.2.3.12 | Cases | <input type="checkbox"/> 1.2.5.8 | Cases |
| <input type="checkbox"/> 1.2.3.13 | Cups | <input type="checkbox"/> 1.2.5.9 | Cups |
| <input type="checkbox"/> 1.2.3.14 | Drums | <input type="checkbox"/> 1.2.5.10 | Packaging jars |
| <input type="checkbox"/> 1.2.3.15 | Jars | <input type="checkbox"/> 1.2.5.11 | Sacks |
| <input type="checkbox"/> 1.2.3.16 | Nets | <input type="checkbox"/> 1.2.5.12 | Tablet tubes |
| <input type="checkbox"/> 1.2.3.17 | Packaging jars | <input type="checkbox"/> 1.2.5.13 | Trays and similar containers |
| | | <input type="checkbox"/> 1.2.5.14 | Tubes |
| | | <input type="checkbox"/> 1.2.6 | Wrapping machines |
| | | <input type="checkbox"/> 1.2.7 | Shrink film machines and devices |



- ☐ 1.2.8 Packaging machines with special equipment for hygienic packaging
- ☐ 1.2.8.1 Aseptic filling machines
- ☐ 1.2.8.2 CAP (controlled atmosphere packaging)
- ☐ 1.2.8.3 Disinfection of packaging
- ☐ 1.2.8.4 MAP (modified atmosphere packaging)
- ☐ 1.2.8.5 Sterile packaging
- ☐ 1.2.8.6 Vacuum
- ☐ 1.3 Final packaging, material flow, logistics
- ☐ 1.3.1 Filling machines for group and transport packaging
- ☐ 1.3.2 Bundling machines
- ☐ 1.3.3 Picking systems
- ☐ 1.3.4 Palletizing machines
- ☐ 1.3.5 Machines for securing pallets and other loading units
- ☐ 1.4 Labelling and marking
- ☐ 1.4.1 Labelling machines
- ☐ 1.4.2 Digital direct printing devices
- ☐ 1.4.3 Coding devices
- ☐ 1.4.4 Embossing systems
- ☐ 1.4.5 Printer (Thermo, Inkjet, Matrix)
- ☐ 1.4.6 Laser coding systems
- ☐ 1.5 Inspection and control
- ☐ 1.5.1 Checkweighers
- ☐ 1.5.2 Leakage test systems/devices
- ☐ 1.5.3 Metal detectors
- ☐ 1.5.4 Optical inspection systems
- ☐ 1.5.5 X-ray inspection systems/devices
- ☐ 1.6 Additional machines and devices in the packaging process
- ☐ 1.6.1 Applicators for adding or sealing components to packagings (e.g. tear tapes, purging spouts or carrying handles)
- ☐ 1.6.2 Capping machines
- ☐ 1.6.3 Equipment for adding product supplements and product information to packs
- ☐ 1.6.4 Foiling machines
- ☐ 1.6.5 Gravimetric filling and price labelling machines
- ☐ 1.6.6 Machines for automatically adding padding material and edge/corner protection
- ☐ 1.6.7 Machines or equipment for conveying, storing or arranging packages or packaging components during the packaging process (without floor trucks)

- ☐ 1.6.8 Machines and equipment for subsequently pasteurizing and sterilizing packaged products
- ☐ 1.6.9 Punching devices
- ☐ 1.6.10 Splicer for packaging material
- ☐ 1.6.11 Laser perforation systems
- ☐ 1.6.12 Machines for recovering products
- ☐ 1.7 Complete packaging lines
- ☐ 1.7.1 Primary packaging
- ☐ 1.7.2 Secondary packaging
- ☐ 1.8 Tools and equipment to assist manual packaging

2**Packaging materials, packaging production aids, packagings and packaging accessories**

- ☐ 2.1 Packaging materials
- ☐ 2.1.1 Ceramics
- ☐ 2.1.2 Composite packaging materials
- ☐ 2.1.3 Glass
- ☐ 2.1.4 Metal
- ☐ 2.1.4.1 Aluminium
- ☐ 2.1.4.2 Steel
- ☐ 2.1.4.3 Tinplate
- ☐ 2.1.5 Paper, carton, cardboard
- ☐ 2.1.6 Plastic (pellets, films)
- ☐ 2.1.6.1 Bioplastics
- ☐ 2.1.7 Stoneware
- ☐ 2.1.8 Textiles, non-woven material and woven material
- ☐ 2.1.9 Wood
- ☐ 2.2 Packaging production aids
- ☐ 2.2.1 Adhesives / Glues
- ☐ 2.2.2 Chemicals and other additives
- ☐ 2.2.3 Embossing and laminating materials
- ☐ 2.2.4 Printing inks, varnishes, inks, toners
- ☐ 2.3 Packaging and packaging accessories
- ☐ 2.3.1 Aerosol cans
- ☐ 2.3.2 Ampoules
- ☐ 2.3.3 Bag-in-box packagings
- ☐ 2.3.4 Bags
- ☐ 2.3.5 Bags for boiling and cooking
- ☐ 2.3.6 Barrels
- ☐ 2.3.7 Baskets



- ☐ 2.3.8 Beverage cans
- ☐ 2.3.9 Beverage cartons
- ☐ 2.3.10 Blister packagings
- ☐ 2.3.11 Bottle sleeves
- ☐ 2.3.12 Bottles / small bottles
- ☐ 2.3.13 Box pallets
- ☐ 2.3.14 Boxes
- ☐ 2.3.15 Buckets
- ☐ 2.3.16 Canisters
- ☐ 2.3.17 Cans
- ☐ 2.3.18 Capsules
- ☐ 2.3.19 Carboys
- ☐ 2.3.20 Carrier-bags and shopping bags
- ☐ 2.3.21 Cartridges
- ☐ 2.3.22 Carpules
- ☐ 2.3.23 Cases and similar containers
- ☐ 2.3.24 CD / DVD packs
- ☐ 2.3.25 Closing/sealing accessories
- ☐ 2.3.26 Closures, closing means
- ☐ 2.3.27 Containers
- ☐ 2.3.28 Containers for bulk material (FIBCs, IBCs)
- ☐ 2.3.29 Containers for storage and transport
- ☐ 2.3.30 Containers with lid
- ☐ 2.3.31 Crates
- ☐ 2.3.32 Cups
- ☐ 2.3.33 Display packagings
- ☐ 2.3.34 Drums
- ☐ 2.3.35 FIBC
- ☐ 2.3.36 Flacons
- ☐ 2.3.37 Foils
- ☐ 2.3.38 Gelatine capsules
- ☐ 2.3.39 Gift wrap paper
- ☐ 2.3.40 Handles
- ☐ 2.3.41 Hobbocks
- ☐ 2.3.42 Jars
- ☐ 2.3.43 Jugs
- ☐ 2.3.44 Labels
- ☐ 2.3.45 Lipstick tubes
- ☐ 2.3.46 Mailing tubes
- ☐ 2.3.47 Nets
- ☐ 2.3.48 Packaging glass (no bottles)
- ☐ 2.3.49 Pitchers, jugs
- ☐ 2.3.50 Preserving jars
- ☐ 2.3.51 Sacks

- ☐ 2.3.52 Skin packagings
- ☐ 2.3.53 Small cases (etuis)
- ☐ 2.3.54 Small tubes
- ☐ 2.3.55 Syringes
- ☐ 2.3.56 Tablet blisters
- ☐ 2.3.57 Tablet tubes
- ☐ 2.3.58 Transparent packagings
- ☐ 2.3.59 Trays
- ☐ 2.3.60 Tubes
- ☐ 2.3.61 Tubular jackets
- ☐ 2.3.62 Vials
- ☐ 2.3.63 Video cases
- ☐ 2.3.64 Wrapping paper

3**Machines and equipment for the production of packaging and packaging aid**

- ☐ 3.1 Machines and equipment for the production of plastic packaging
- ☐ 3.1.1 Complete lines for the production of plastic packaging
 - ☐ 3.1.1.1 Bags, sacks
 - ☐ 3.1.1.2 Bottles
 - ☐ 3.1.1.3 Cans, jars, cups
 - ☐ 3.1.1.4 Caps
 - ☐ 3.1.1.5 Crates, storage and transport containers
 - ☐ 3.1.1.6 Film
 - ☐ 3.1.1.7 Film tubes
 - ☐ 3.1.1.8 Hollow bodies, canisters, drums, balloons, etc.
 - ☐ 3.1.1.9 Packagings made of foamed plastic
 - ☐ 3.1.1.10 Pallets
 - ☐ 3.1.1.11 Trays
 - ☐ 3.1.1.12 Tubes
- ☐ 3.1.2 Single machines/equipment for the production of plastic packaging
 - ☐ 3.1.2.1 Blow film lines
 - ☐ 3.1.2.2 Blow moulding machines
 - ☐ 3.1.2.3 Bottomer
 - ☐ 3.1.2.4 Circular loom
 - ☐ 3.1.2.5 Confectioning plants (cutting, sewing, closing, ..)
 - ☐ 3.1.2.6 Extruder
 - ☐ 3.1.2.7 Film casting plants



- | | | | |
|-----------------------------------|---|-----------------------------------|--|
| <input type="checkbox"/> 3.1.2.8 | Film stretching plants | <input type="checkbox"/> 3.2.2.13 | Folding box stitching machines |
| <input type="checkbox"/> 3.1.2.9 | Injection moulding machines | <input type="checkbox"/> 3.2.2.14 | Gluer |
| <input type="checkbox"/> 3.1.2.10 | Presses | <input type="checkbox"/> 3.2.2.15 | Ice cream cone wrapping machines |
| <input type="checkbox"/> 3.1.2.11 | Roll cutting machines | <input type="checkbox"/> 3.2.2.16 | Label cutting machines |
| <input type="checkbox"/> 3.1.2.12 | Spraying equipment | <input type="checkbox"/> 3.2.2.17 | Perforating equipment |
| <input type="checkbox"/> 3.1.2.13 | Thermoforming machines | <input type="checkbox"/> 3.2.2.18 | Reel slitting and winding machines |
| <input type="checkbox"/> 3.1.2.14 | Welding machines | <input type="checkbox"/> 3.2.2.19 | Size cutting machines and systems |
| <input type="checkbox"/> 3.1.2.15 | Winding machines | <input type="checkbox"/> 3.2.2.20 | Slitters and cross cutters |
| <input type="checkbox"/> 3.1.3 | Operating and auxiliary equipment for the production of plastic packaging | <input type="checkbox"/> 3.2.2.21 | Slitting and rewinding machines |
| <input type="checkbox"/> 3.1.3.1 | Dosing and conveyer screws | <input type="checkbox"/> 3.2.2.22 | Stacking device for folding carton blanks |
| <input type="checkbox"/> 3.1.3.2 | Feeding systems | <input type="checkbox"/> 3.2.2.23 | Stripping machines |
| <input type="checkbox"/> 3.1.3.3 | Mixers | <input type="checkbox"/> 3.2.2.24 | Tray forming machines |
| <input type="checkbox"/> 3.1.3.4 | Sack emptying with and without lifting devices | <input type="checkbox"/> 3.2.2.25 | Tube cutting and winding machines |
| <input type="checkbox"/> 3.1.3.5 | Sieving machines | <input type="checkbox"/> 3.2.2.26 | Tube slicing and dividing machines |
| <input type="checkbox"/> 3.1.3.6 | Weighing and dosing technology | <input type="checkbox"/> 3.2.2.27 | Tuber |
| <input type="checkbox"/> 3.2 | Machines and equipment for the production of paper/cardboard packaging | <input type="checkbox"/> 3.2.2.28 | Winder |
| <input type="checkbox"/> 3.2.1 | Complete lines for the production of paper/cardboard packaging | <input type="checkbox"/> 3.2.3 | Operating and auxiliary equipment for the production of paper/ cardboard packaging |
| <input type="checkbox"/> 3.2.1.1 | Bag making machines | <input type="checkbox"/> 3.3 | Machines and equipment for the production of metal packaging |
| <input type="checkbox"/> 3.2.1.2 | Box making machines | <input type="checkbox"/> 3.3.1 | Complete lines for the production of metal packaging |
| <input type="checkbox"/> 3.2.1.3 | Can making machines | <input type="checkbox"/> 3.3.1.1 | Aerosol can making machines |
| <input type="checkbox"/> 3.2.1.4 | Corrugated cardboard machines | <input type="checkbox"/> 3.3.1.2 | Barrel making machines |
| <input type="checkbox"/> 3.2.1.5 | Cup making machines | <input type="checkbox"/> 3.3.1.3 | Can making machines |
| <input type="checkbox"/> 3.2.1.6 | Label making machines | <input type="checkbox"/> 3.3.1.4 | Cap and drum closing machines |
| <input type="checkbox"/> 3.2.1.7 | Pouch making machines | <input type="checkbox"/> 3.3.1.5 | Combined can making machines |
| <input type="checkbox"/> 3.2.1.8 | Sack making machines | <input type="checkbox"/> 3.3.1.6 | Crown cap making machines |
| <input type="checkbox"/> 3.2.1.9 | Tray making machines | <input type="checkbox"/> 3.3.1.7 | Screw close making machines |
| <input type="checkbox"/> 3.2.1.10 | Tube making machines | <input type="checkbox"/> 3.3.1.8 | Tube making machines |
| <input type="checkbox"/> 3.2.2 | Single machines/equipment for the production of paper/cardboard packaging | <input type="checkbox"/> 3.3.2 | Single machines/equipment for the production of metal packaging |
| <input type="checkbox"/> 3.2.2.1 | Bottomer | <input type="checkbox"/> 3.3.2.1 | 360° inside protection for 3-piece-cans |
| <input type="checkbox"/> 3.2.2.2 | Card board presses (inline) | <input type="checkbox"/> 3.3.2.2 | Assembling machines |
| <input type="checkbox"/> 3.2.2.3 | Carton bending machines | <input type="checkbox"/> 3.3.2.3 | Beaders |
| <input type="checkbox"/> 3.2.2.4 | Carton erecting machines | <input type="checkbox"/> 3.3.2.4 | Body makers |
| <input type="checkbox"/> 3.2.2.5 | Circular sheers | <input type="checkbox"/> 3.3.2.5 | Compound liners |
| <input type="checkbox"/> 3.2.2.6 | Corrugated card board converting machines | <input type="checkbox"/> 3.3.2.6 | Deep-drawing presses |
| <input type="checkbox"/> 3.2.2.7 | Cross cutters | <input type="checkbox"/> 3.3.2.7 | Drawing and ironing machines |
| <input type="checkbox"/> 3.2.2.8 | Deep drawing machines for boards | <input type="checkbox"/> 3.3.2.8 | Flangers |
| <input type="checkbox"/> 3.2.2.9 | Die cutting machines | <input type="checkbox"/> 3.3.2.9 | Folding machines |
| <input type="checkbox"/> 3.2.2.10 | Folding box lining machines | <input type="checkbox"/> 3.3.2.10 | Insertion machines (sealing) |
| <input type="checkbox"/> 3.2.2.11 | Folding carton prefeeders | <input type="checkbox"/> 3.3.2.11 | Neckers |
| <input type="checkbox"/> 3.2.2.12 | Folding gluing machines | | |



- ☐ 3.3.2.12 Presses
- ☐ 3.3.2.13 Punching machines
- ☐ 3.3.2.14 Slitters
- ☐ 3.3.2.15 Stretchers
- ☐ 3.3.2.16 Stretching machines
- ☐ 3.3.2.17 Thread-cutting machines
- ☐ 3.3.2.18 Trimmers
- ☐ 3.3.2.19 Welded seam protection systems
- ☐ 3.3.2.20 Welding machines
- ☐ 3.3.2.21 Winding machines
- ☐ 3.3.3 Operating and auxiliary equipment for the production of metal packaging
- ☐ 3.3.3.1 Annealing plants/systems
- ☐ 3.3.3.2 Degreasing plants
- ☐ 3.3.3.3 Embossing roller made of steel
- ☐ 3.3.3.4 Ovens and curing equipment
- ☐ 3.3.3.5 Washing units
- ☐ 3.4 Machines and equipment for the production of glass packaging
- ☐ 3.4.1 Complete lines for the production of glass packaging
- ☐ 3.4.1.1 Ampule and carpule glass machines
- ☐ 3.4.1.2 Glass bottle machines
- ☐ 3.4.1.3 Glass container machines
- ☐ 3.4.1.4 Glass flacon machines
- ☐ 3.4.1.5 Production of glass syringes
- ☐ 3.4.1.6 Production of glass tubes
- ☐ 3.4.2 Single machines/equipment for the production of glass packaging
- ☐ 3.4.2.1 Blowing machines
- ☐ 3.4.2.2 Cutting, breaking and snapping machines
- ☐ 3.4.2.3 Glass melting technology
- ☐ 3.4.2.4 Glass tube production
- ☐ 3.4.2.5 Injection machines
- ☐ 3.4.2.6 Press machines
- ☐ 3.4.2.7 Spinning machines
- ☐ 3.4.3 Operating and auxiliary equipment for the production of glass packaging
- ☐ 3.4.3.1 Annealing lehrs
- ☐ 3.4.3.2 Batch and cullet preparation
- ☐ 3.4.3.3 Dosing machines
- ☐ 3.4.3.4 Geather
- ☐ 3.4.3.5 Glass coating equipment
- ☐ 3.4.3.6 Glass mould spraying systems
- ☐ 3.4.3.7 Moulds for the glass production
- ☐ 3.4.3.8 Shear blades

- ☐ 3.4.3.9 Tempering equipment
- ☐ 3.4.3.10 Tube cutting machines
- ☐ 3.4.3.11 Tube feeder
- ☐ 3.5 Machines and equipment for the production of wood packaging
- ☐ 3.5.1 Complete lines for the production of wood packaging
- ☐ 3.5.1.1 Equipment for heat treatment of pallets and wooden packagings
- ☐ 3.5.1.2 Equipment for fumigation of pallets and wooden packagings
- ☐ 3.5.1.3 Machines for barrel production
- ☐ 3.5.1.4 Machines for chip basket production
- ☐ 3.5.1.5 Machines for pallet production
- ☐ 3.5.1.6 Machines for the production of boxes, folding boxes, crates
- ☐ 3.5.2 Single machines/equipment for the production of wood packaging
- ☐ 3.5.2.1 Bordering and folding machines
- ☐ 3.5.2.2 Gluing machines
- ☐ 3.5.2.3 Nailing, stapling and screw-setting machines
- ☐ 3.5.2.4 Peeling machines
- ☐ 3.5.2.5 Riveting machines
- ☐ 3.5.2.6 Sawing machines
- ☐ 3.5.2.7 Trimming machines
- ☐ 3.6 Machines and equipment for the production of ceramic/stoneware packaging
- ☐ 3.6.1 Complete lines for the production of ceramic/stoneware packaging
- ☐ 3.6.1.1 Machines and equipment for the production of bottles and jars
- ☐ 3.6.1.2 Machines and equipment for the production of glass ceramic closures
- ☐ 3.6.2 Single machines/equipment for the production of ceramic/stoneware packaging
- ☐ 3.6.2.1 Ceramic furnaces
- ☐ 3.6.2.2 Ceramic injection moulding machines
- ☐ 3.6.2.3 Glazing machines
- ☐ 3.6.2.4 Presses
- ☐ 3.7 Machines and equipment for the production of textile packaging
- ☐ 3.8 Machines and equipment for packaging printing and finishing



- ☐ 3.8.1 Single machines/equipment for packaging printing and finishing
- ☐ 3.8.1.1 Gravure printing machines
- ☐ 3.8.1.2 Adhesive application systems
- ☐ 3.8.1.3 Braille applicator
- ☐ 3.8.1.4 Coating machines
- ☐ 3.8.1.5 Decorating machines
- ☐ 3.8.1.6 Die cutting machines
- ☐ 3.8.1.7 Digital printing machines and systems
- ☐ 3.8.1.8 Embossing / Stamping machines
- ☐ 3.8.1.9 Equipment and systems for printing form production
- ☐ 3.8.1.10 Equipment for in-mould-decoration
- ☐ 3.8.1.11 Flexographic printing machines
- ☐ 3.8.1.12 Flocking lines
- ☐ 3.8.1.13 Foil printing machines
- ☐ 3.8.1.14 Folding / Creasing machines
- ☐ 3.8.1.15 Folding box printing and stamping machines (combined)
- ☐ 3.8.1.16 Hot foil stamping
- ☐ 3.8.1.17 Hybrid printing machines (combination of methods)
- ☐ 3.8.1.18 Label printing machines
- ☐ 3.8.1.19 Lacquering
- ☐ 3.8.1.20 Laminating equipment
- ☐ 3.8.1.21 Marking and coding machines
- ☐ 3.8.1.22 Metallization lines
- ☐ 3.8.1.23 Offset printing machines
- ☐ 3.8.1.24 Pad / Tampon printing machines
- ☐ 3.8.1.25 Perforating machines
- ☐ 3.8.1.26 Printer slotters
- ☐ 3.8.1.27 Printing form production
- ☐ 3.8.1.28 Screen printing machines
- ☐ 3.8.2 Operating and auxiliary equipment for packaging printing and finishing
- ☐ 3.8.2.1 Drying / Tempering equipment
- ☐ 3.8.2.2 Hardening equipment
- ☐ 3.8.2.3 Pretreatment units
- ☐ 3.8.2.4 Washing and cleaning systems
- ☐ 3.9 Storage, logistics and transport equipment for packaging production (all kind of packaging)
- ☐ 3.9.1 Conveying and storage systems
- ☐ 3.9.2 Cutting systems
- ☐ 3.9.3 Feeding systems
- ☐ 3.9.4 Handling systems

- ☐ 3.9.5 Lifting devices
- ☐ 3.9.6 Silos and accessories
- ☐ 3.9.7 Stacking devices
- ☐ 3.9.8 Storage systems
- ☐ 3.9.9 Take-off systems
- ☐ 3.9.10 Transport systems

4**Machines and equipment for manufacturing foodstuffs, confectionery and bakery products**

- ☐ 4.1 Complete lines for manufacturing foodstuffs, confectionery and bakery products
- ☐ 4.1.1 Chocolate production/processing
- ☐ 4.1.2 Cocoa production/processing
- ☐ 4.1.3 Dragée and tablet production (confectionery only)
- ☐ 4.1.4 Fish processing
- ☐ 4.1.5 Fruit and vegetable processing
- ☐ 4.1.6 Meat processing
- ☐ 4.1.7 Poultry processing
- ☐ 4.1.8 Processing of almonds, nuts, other kernels and oil seeds
- ☐ 4.1.9 Production of bread and small baked products
- ☐ 4.1.10 Production of cereals
- ☐ 4.1.11 Production of ice cream
- ☐ 4.1.12 Production of long-life bakery products (e.g. biscuits, crackers, wafers, ...)
- ☐ 4.1.13 Production of milk and dairy products
- ☐ 4.1.14 Production of pasta (noodles)
- ☐ 4.1.15 Production of pastry goods
- ☐ 4.1.16 Production of sugar confectionery
- ☐ 4.1.17 Production of vegetable oils and fats
- ☐ 4.1.18 Production/processing of other food products (e.g. potatoes, starch, coffee, tea, sugar,...)
- ☐ 4.1.19 Vegetable raw material processing
- ☐ 4.2 Single machines/equipment for manufacturing foodstuffs, confectionery and bakery products
- ☐ 4.2.1 Abattoir equipment
- ☐ 4.2.2 Aerating equipment
- ☐ 4.2.3 Baking ovens and automatic baking lines



- | | | | |
|---------------------------------|--|---------------------------------|---|
| <input type="checkbox"/> 4.2.5 | Beating machines | <input type="checkbox"/> 4.2.48 | Laminators |
| <input type="checkbox"/> 4.2.6 | Bending machines (e.g. for croissants) | <input type="checkbox"/> 4.2.49 | Machines and equipment for sausage production |
| <input type="checkbox"/> 4.2.7 | Caramelizers | <input type="checkbox"/> 4.2.50 | Machines and equipment for the production of wafer cream and other stuffings |
| <input type="checkbox"/> 4.2.8 | Centrifuges | <input type="checkbox"/> 4.2.51 | Machines for meat dismembering and processing |
| <input type="checkbox"/> 4.2.9 | Cluster equipment | <input type="checkbox"/> 4.2.52 | Marzipan paste production machines |
| <input type="checkbox"/> 4.2.10 | Coating machines | <input type="checkbox"/> 4.2.53 | Machines and equipment for curing |
| <input type="checkbox"/> 4.2.11 | Coating systems | <input type="checkbox"/> 4.2.54 | Machines and equipment for disinfection |
| <input type="checkbox"/> 4.2.12 | Conches | <input type="checkbox"/> 4.2.55 | Machines and equipment for preserving foodstuffs (e.g. pasteurization, sterilization, gasifying, irradiation, ..) |
| <input type="checkbox"/> 4.2.13 | Conditioning machines | <input type="checkbox"/> 4.2.56 | Mixers/mixing equipment |
| <input type="checkbox"/> 4.2.14 | Cone baking equipment | <input type="checkbox"/> 4.2.57 | Mogul equipment |
| <input type="checkbox"/> 4.2.15 | Cooling equipment | <input type="checkbox"/> 4.2.58 | Moulding equipment |
| <input type="checkbox"/> 4.2.16 | Crushing machines/equipment (e.g. breakers, mills, ...) | <input type="checkbox"/> 4.2.59 | Moulding rollers, engraved |
| <input type="checkbox"/> 4.2.17 | Cutters | <input type="checkbox"/> 4.2.60 | Moulds for solid and hollow article moulding equipment |
| <input type="checkbox"/> 4.2.18 | Cutting machines | <input type="checkbox"/> 4.2.61 | Nougat cream production machines |
| <input type="checkbox"/> 4.2.19 | Decorating equipment | <input type="checkbox"/> 4.2.62 | Oiling equipment |
| <input type="checkbox"/> 4.2.20 | Deep frying equipment | <input type="checkbox"/> 4.2.63 | Panning machines |
| <input type="checkbox"/> 4.2.21 | Depositing equipment/depositors | <input type="checkbox"/> 4.2.64 | Peeling machines and lines |
| <input type="checkbox"/> 4.2.22 | Depositing machines | <input type="checkbox"/> 4.2.65 | Praline masses manufacturing machines |
| <input type="checkbox"/> 4.2.23 | Deshelling equipment/machines for nuts, almonds and others | <input type="checkbox"/> 4.2.66 | Preparation and pressing installations (vegetable oils, fats) |
| <input type="checkbox"/> 4.2.24 | De-Starching equipment | <input type="checkbox"/> 4.2.67 | Puffing equipment |
| <input type="checkbox"/> 4.2.25 | De-tempering equipment | <input type="checkbox"/> 4.2.68 | Pulling machines |
| <input type="checkbox"/> 4.2.26 | Dosing equipment | <input type="checkbox"/> 4.2.69 | Punching and cutting machines for raw pastries |
| <input type="checkbox"/> 4.2.27 | Dough dividing machines | <input type="checkbox"/> 4.2.70 | Refining machines |
| <input type="checkbox"/> 4.2.28 | Dough rollers | <input type="checkbox"/> 4.2.71 | Refining plants and equipment for vegetable oils and fats |
| <input type="checkbox"/> 4.2.29 | Dressing machines | <input type="checkbox"/> 4.2.72 | Rework converting machines |
| <input type="checkbox"/> 4.2.30 | Dryers, drying equipment | <input type="checkbox"/> 4.2.73 | Rolling lines |
| <input type="checkbox"/> 4.2.31 | Emulsifiers | <input type="checkbox"/> 4.2.74 | Rolling machines |
| <input type="checkbox"/> 4.2.32 | Enrobing equipment | <input type="checkbox"/> 4.2.75 | Separators |
| <input type="checkbox"/> 4.2.33 | Extruders | <input type="checkbox"/> 4.2.76 | Sheeters |
| <input type="checkbox"/> 4.2.34 | Filling equipment/systems | <input type="checkbox"/> 4.2.77 | Shock frosters |
| <input type="checkbox"/> 4.2.35 | Flocking equipment | <input type="checkbox"/> 4.2.78 | Slicers |
| <input type="checkbox"/> 4.2.36 | Forming machines/equipment | <input type="checkbox"/> 4.2.79 | Spraying equipment |
| <input type="checkbox"/> 4.2.37 | Freeze dryers | <input type="checkbox"/> 4.2.80 | Spreading machines |
| <input type="checkbox"/> 4.2.38 | Freezers/freezing systems | <input type="checkbox"/> 4.2.81 | Sprinkling equipment |
| <input type="checkbox"/> 4.2.39 | Granulating machines/equipment | | |
| <input type="checkbox"/> 4.2.40 | Grinders | | |
| <input type="checkbox"/> 4.2.41 | Grinding/polishing equipment | | |
| <input type="checkbox"/> 4.2.42 | Hollow article moulding equipment | | |
| <input type="checkbox"/> 4.2.43 | Homogenizers | | |
| <input type="checkbox"/> 4.2.44 | Ice cream machines (chip ice, flake ice) | | |
| <input type="checkbox"/> 4.2.45 | Industrial proofing systems | | |
| <input type="checkbox"/> 4.2.46 | Injectors | | |
| <input type="checkbox"/> 4.2.47 | Kneader/Kneading equipment | | |



- ☐ 4.2.82 Starch equipment
- ☐ 4.2.83 Stirrers
- ☐ 4.2.84 Tablet presses (confectionery products only)
- ☐ 4.2.85 Thermal units (e.g. melting equipment, tempering machines, cooking equipment, smoking equipment, roasting equipment)
- ☐ 4.2.86 Tumbler
- ☐ 4.2.87 Twisting machines
- ☐ 4.2.88 Vermicelli and non-pareille equipment
- ☐ 4.2.89 Wafer baking ovens
- ☐ 4.3 Operating and auxiliary equipment for manufacturing foodstuffs, confectionery and bakery products
- ☐ 4.3.1 Analyzer, laboratory and measuring equipment
- ☐ 4.3.2 Classifying/sifting/sorting machines and equipment
- ☐ 4.3.3 Cleaning and disinfection systems (CIP and HACCP)
- ☐ 4.3.4 Cleaning machines
- ☐ 4.3.5 Containers for charging/discharging machines
- ☐ 4.3.6 Cooling and air conditioning technology
- ☐ 4.3.7 Evaporation equipment
- ☐ 4.3.8 Extracting equipment
- ☐ 4.3.9 Fermenter / Fermentation equipment
- ☐ 4.3.10 Heat exchangers
- ☐ 4.3.11 Heat tunnels
- ☐ 4.3.12 Laboratory equipment
- ☐ 4.3.13 Lifting and tipping devices for containers
- ☐ 4.3.14 Magnetic separators
- ☐ 4.3.15 Nozzle systems
- ☐ 4.3.16 Pumps
- ☐ 4.3.17 Pumps and valve systems
- ☐ 4.3.18 Vacuum technology
- ☐ 4.3.19 Weighing equipment
- ☐ 4.4 Storage, logistics and transport equipment for the production of foodstuffs, confectionery and bakery products
- ☐ 4.4.1 Conveying and storage systems
- ☐ 4.4.2 Feeding systems
- ☐ 4.4.3 Silos and accessories
- ☐ 4.4.4 Stacking facilities
- ☐ 4.4.5 Storage systems
- ☐ 4.4.6 Take-off systems
- ☐ 4.4.7 Tanks (heated)

- ☐ 4.4.8 Transport and handling systems
- ☐ 4.4.9 Transport trolley
- 5 Machines and equipment for beverage production**
- ☐ 5.1 Complete lines for beverage production
- ☐ 5.1.1 Complete lines for beer production
- ☐ 5.1.2 Complete lines for soft drink production
- ☐ 5.1.3 Complete lines for wine, sparkling wine and spirit production
- ☐ 5.2 Single machines/equipment for beverage production
- ☐ 5.2.1 Brewhouse equipment
- ☐ 5.2.2 Carbonating equipment
- ☐ 5.2.3 Degassing equipment and devices
- ☐ 5.2.4 Dosing and blending equipment
- ☐ 5.2.5 Homogenizing equipment
- ☐ 5.2.6 Machines and equipment for de-alcoholisation
- ☐ 5.2.7 Malting plants
- ☐ 5.3 Operating and auxiliary equipment for beverage production
- ☐ 5.3.1 Centrifuges
- ☐ 5.3.2 Cleaning and disinfection systems (CIP and HACCP)
- ☐ 5.3.3 Distillation / extraction / rectification equipment
- ☐ 5.3.4 Evaporation equipment
- ☐ 5.3.5 Filtration equipment
- ☐ 5.3.6 Heat exchangers
- ☐ 5.3.7 Heating, heat keeping and cooling equipment
- ☐ 5.4 Storage, logistics and transport equipment for beverage production
- ☐ 5.4.1 Conveying and storage systems
- ☐ 5.4.2 Silos and accessories
- ☐ 5.4.3 Tanks
- 6 Machines and equipment for the production of pharmaceuticals and cosmetics**
- ☐ 6.1 Complete lines for the production of pharmaceutical and cosmetic products



- | | |
|--|--|
| <input type="checkbox"/> 6.1.1 Complete herb processing line (pharma only)
<input type="checkbox"/> 6.1.2 Complete lines for solida production
<input type="checkbox"/> 6.1.3 Complete lines for liquida production
<input type="checkbox"/> 6.1.4 Complete lines for semi-solida production
<input type="checkbox"/> 6.1.5 Complete lines for suppository production
<input type="checkbox"/> 6.2 Single machines/equipment for the production of pharmaceutical and cosmetic products

<input type="checkbox"/> 6.2.1 Capsule cleaning and polishing machines
<input type="checkbox"/> 6.2.2 Classifying machines
<input type="checkbox"/> 6.2.3 Coating systems
<input type="checkbox"/> 6.2.4 Compacting and briquetting presses
<input type="checkbox"/> 6.2.5 Containment solutions
<input type="checkbox"/> 6.2.6 Container systems
<input type="checkbox"/> 6.2.7 Crystallization equipment
<input type="checkbox"/> 6.2.8 Crusher
<input type="checkbox"/> 6.2.9 Cutting equipment (for herbs)
<input type="checkbox"/> 6.2.10 Dryers
<input type="checkbox"/> 6.2.11 Extracting equipment
<input type="checkbox"/> 6.2.12 Fermenter / Fermentation equipment
<input type="checkbox"/> 6.2.13 Fluid bed systems
<input type="checkbox"/> 6.2.14 Granulating machines
<input type="checkbox"/> 6.2.15 Grinding systems
<input type="checkbox"/> 6.2.16 Homogenizers
<input type="checkbox"/> 6.2.17 Isolators
<input type="checkbox"/> 6.2.18 Lyophilizer
<input type="checkbox"/> 6.2.19 Machines for the production of oral dissolvable films (ODF)

<input type="checkbox"/> 6.2.20 Machines for the production of transdermal adhesive patches

<input type="checkbox"/> 6.2.21 Mixers / Blending equipment
<input type="checkbox"/> 6.2.22 Pelletizing equipment
<input type="checkbox"/> 6.2.23 Pharma extruders
<input type="checkbox"/> 6.2.24 Roasting equipment for herbs
<input type="checkbox"/> 6.2.25 Sifting machines
<input type="checkbox"/> 6.2.26 Spouted bed units
<input type="checkbox"/> 6.2.27 Spray encapsulation equipment
<input type="checkbox"/> 6.2.28 Tablet presses
<input type="checkbox"/> 6.2.29 Web-Converting equipment
<input type="checkbox"/> 6.3 Operating and auxiliary equipment for the production of pharmaceutical and cosmetic products

<input type="checkbox"/> 6.3.1 Analyzing and testing devices
<input type="checkbox"/> 6.3.2 Clean room engineering
<input type="checkbox"/> 6.3.3 Coating pans | <input type="checkbox"/> 6.3.4 Containers (also heated)
<input type="checkbox"/> 6.3.5 Containers for charging/discharging machines

<input type="checkbox"/> 6.3.6 Deduster
<input type="checkbox"/> 6.3.7 Filters, pumps, valves
<input type="checkbox"/> 6.3.8 Filtration units
<input type="checkbox"/> 6.3.9 Generation systems for purified/highly purified water
<input type="checkbox"/> 6.3.10 Heat exchangers
<input type="checkbox"/> 6.3.11 Laboratory equipment
<input type="checkbox"/> 6.3.12 Laboratory facilities
<input type="checkbox"/> 6.3.13 Lifting and tipping devices for containers

<input type="checkbox"/> 6.3.14 Pure steam generator
<input type="checkbox"/> 6.3.15 Sorting equipment
<input type="checkbox"/> 6.3.16 Spraying equipment
<input type="checkbox"/> 6.3.17 Sterilization units
<input type="checkbox"/> 6.3.18 Stirrers
<input type="checkbox"/> 6.3.19 Stirring vessels (heated)
<input type="checkbox"/> 6.3.20 Tablet deburring devices
<input type="checkbox"/> 6.3.21 Tanks
<input type="checkbox"/> 6.3.22 Temperature devices
<input type="checkbox"/> 6.3.23 Washing equipment for the pharmaceutical industry
<input type="checkbox"/> 6.3.24 Washing machines / equipment for herbs

<input type="checkbox"/> 6.3.25 Weighing equipment
<input type="checkbox"/> 6.3.26 WIP/CIP cleaning
<input type="checkbox"/> 6.4 Storage, logistics and transport equipment for the production of pharmaceutical and cosmetic products

<input type="checkbox"/> 6.4.1 Conveying, storage and transportation systems
<input type="checkbox"/> 6.4.2 Feeding systems
<input type="checkbox"/> 6.4.3 Product and material handling
<input type="checkbox"/> 6.4.4 Silos and accessories

<p style="text-align: center;">7</p> <p>Automation technology / Components / Accessories</p> <input type="checkbox"/> 7.1 Cooling units
<input type="checkbox"/> 7.2 Complete automation systems for
<input type="checkbox"/> 7.2.1 Food processing industry
<input type="checkbox"/> 7.2.2 Packaging production
<input type="checkbox"/> 7.2.3 Pharmaceutical und cosmetics industry |
|--|--|



- ☐ 7.3 Compressing/preforming tools
- ☐ 7.4 Control cabinets
- ☐ 7.5 Control units
- ☐ 7.6 Conveyors
- ☐ 7.7 Corrosion protecting materials
- ☐ 7.8 Data collection, preparation and processing
- ☐ 7.9 Handling technology (gripper, handling systems)
- ☐ 7.10 Machine control
- ☐ 7.11 Machine vision
- ☐ 7.12 Material management systems
- ☐ 7.13 Measuring, controlling, regulating and examination devices
- ☐ 7.14 Motor and drives technology
- ☐ 7.15 Other accessories
- ☐ 7.16 Process automation
- ☐ 7.17 Production planning and control
- ☐ 7.18 Pumps
- ☐ 7.19 Robotic
- ☐ 7.20 Rollers (not engraved)
- ☐ 7.21 Sealing materials
- ☐ 7.22 Sensor technology
- ☐ 7.23 Valves

8 Recycling and environmental technologies

- ☐ 8.1 Complete lines for recycling and environmental technologies
 - ☐ 8.1.1 Air drying units
 - ☐ 8.1.2 Heat recovery plants
 - ☐ 8.1.3 Humidification systems
 - ☐ 8.1.4 Recycling of
 - ☐ 8.1.4.1 Glass packagings
 - ☐ 8.1.4.2 Metal packagings
 - ☐ 8.1.4.3 Paper/card board packagings
 - ☐ 8.1.4.4 PET packagings
 - ☐ 8.1.4.5 Plastic packagings
 - ☐ 8.1.5 Solvent disposal plants
 - ☐ 8.1.6 Solvent recovery plants
 - ☐ 8.1.7 Waste air purification plants
 - ☐ 8.1.8 Waste glass processing plants
 - ☐ 8.1.9 Waste water treatment plants
 - ☐ 8.1.10 Water treatment plants

- ☐ 8.2 Single machines/equipment for recycling and environmental technologies
 - ☐ 8.2.1 Balers
 - ☐ 8.2.2 Blenders
 - ☐ 8.2.3 Classifier
 - ☐ 8.2.4 Dedusting systems/equipment
 - ☐ 8.2.5 Granulators
 - ☐ 8.2.6 Milling and grinding plants
 - ☐ 8.2.7 Separation and sorting systems
 - ☐ 8.2.8 Shredder
 - ☐ 8.2.9 Sieving machines
 - ☐ 8.2.10 Transportation systems
 - ☐ 8.2.11 Washing systems and equipment

9 Services

- ☐ 9.1 Business support
 - ☐ 9.1.1 Assembly, maintenance and repair services
 - ☐ 9.1.2 Consulting and project planning of track & trace solutions
 - ☐ 9.1.3 Contract manufacturing
 - ☐ 9.1.4 Contract packaging
 - ☐ 9.1.5 Leasing / rental services
 - ☐ 9.1.6 Operating (Co-Packing)
 - ☐ 9.1.7 Packaging consulting
 - ☐ 9.1.8 Packaging design
 - ☐ 9.1.9 Packaging waste disposal and recycling
 - ☐ 9.1.10 Project planning and implementation of packaging lines
 - ☐ 9.1.11 Remote diagnosis / teleservice
 - ☐ 9.1.12 Retrofit
 - ☐ 9.1.13 Trainings
- ☐ 9.2 Trade press
- ☐ 9.3 Research and teachings
- ☐ 9.4 Associations and branch organizations