

# List of products

**Attention: it is not possible to alter or add further Categories to the following list of products as far as Your entry into the trade fair catalogue is concerned!**  
**Please use only this numbers!!!**

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## Machines, equipment, peripherals, Tools and accessories

### 2001 Machines and equipment For processing, recycling

- 200105 Processing plants
- 200106 Other equipment for processing, recycling
- 200110 Batch type mixers, for solids
- 200115 Batch type mixers, for liquids
- 200117 Granulate dust collection equipment
- 200118 Pelletizers
- 200120 Continuous type mixers, for solids
- 200125 Continuous type mixers, for liquids
- 200127 Mixers, others
- 200130 Powder compactors
- 200135 Recycling plants
- 200136 Recycling extruders/plants
- 200137 Melt filters
- 200138 Chop up for plastic waste
- 200139 Screen changers
- 200145 Two roll mills
- 200150 Size reduction equipment (crushers, shredders, grinders)

### 2002 Extruders and Extrusion plants

- 200205 Extruders, twin screw type
- 200210 Extruders, single screw type
- 200215 Extruders, others
- 200220 Extrusion plants for blown film
- 200225 Extrusion plants for flat film and sheets
- 200230 Extrusion plants for strapping  
Mono- and multi filaments
- 200235 Extrusion plants for rubber
- 200240 Extrusion plants for laminating and coating
- 200245 Extrusion plants for pipes and profiles
- 200255 Extrusion plants for sheathing of pipes and cables
- 200260 Extrusions plants, others
- 200265 Follow-on equipment for extruders

### 2003 Injection moulding machines

- 200305 Injection moulding machines, multi component
- 200310 Injection moulding machines, multi station
- 200315 Injection moulding machines, duro plastics
- 200320 Injection moulding machines, for rubber
- 200325 Injection moulding machines, for thermoplastics
- 200330 Injection moulding machines, others

### 2004 Blow moulding machines

- 200410 Extrusion blow moulding machines
- 200415 Injection blow moulding machines
- 200420 Blow moulding machines, others

### 2005 Presses

- 200505 Compression and transfer moulding presses
- 200510 Tableting presses
- 200515 Presses, others
- 200520 Pre plasticizing equipment for moulding compounds

### 2006 Machines for producing and for treating Reaction resins (also concentrated)

- 200605 Other machines for foam
- 200610 Reaction injection moulding machines and plants
- 200615 Other foam machines
- 200620 Pre expanders, foaming machinery for parts and Blocks (for EPS, EPP, EPE)
- 200625 Filament winding machines for pipes and hollow Articles

### 2007 Other processing machines and other processing plants

- 200710 Sheet casting machines
- 200715 Calenders
- 200720 Machines for the tyre industry
- 200725 Machines and equipment for rapid prototyping
- 200730 Rotational moulding machines
- 200735 Processing machines, others

### 2008 Processing machines

- 200805 Processing machines, others
- 200810 Bag and sack making machines
- 200815 Bending, folding and edge trimming machines
- 200820 De flashing machines and plants
- 200825 Milling machines
- 200827 Laser treatment
- 200828 Laser cutting equipment
- 200830 Cutting machines
- 200836 Slitter re winders
- 200838 Grinding, polishing and lapping machines
- 200840 Splitting machines, peeling machines
- 200845 Punching machines and perforating machines
- 200850 Thermoforming machines
- 200855 Winding machines

### 2009 Machines and plants for finishing, decorating, Printing and marking

- 200910 Coating plants
- 200915 Printing machines, others
- 200916 Equipment for In-Mould Labeling (IML)
- 200917 Equipment for In-Mould Decoration (IMD)
- 200918 Flocking machines and equipment
- 200920 Laminating plants
- 200925 Marking signing and labelling machines
- 200930 Metallizing plants (laminated in vacuum)
- 200936 Offset printing machines
- 200940 Mint machines
- 200942 Screen printing machines and material
- 200943 Pad printing machines
- 200945 Finishing machines, others

## **2010 Welding machines**

201005 Extrusion welding machines  
201010 High-frequency welding machines  
201012 Laser beam welding machines  
201013 Horns  
201015 Friction welding machines  
201020 Ultrasonic welding machines  
201025 Hot-plate welding machines  
201030 Heat-impulse welding machines  
201035 Hot-gas welding machines  
201040 Welding machines, others

## **2011 Tools, parts and components**

201102 Finishing tools, general  
201105 Blow moulding tools  
201110 Nozzles for injection moulding machines  
201115 Extrusion dies  
201117 Other moulds  
201118 Used Moulds  
201120 Steels for moulds  
201122 Handling accessories for moulds  
201123 Hot runner systems  
201125 Heating elements  
201130 Cartridge heaters  
201132 Lifting magnets  
201135 Further machine parts and components  
201136 Machine blades  
201137 Material for the tool building  
201140 Standards  
201145 Mould cleaning equipment for tools  
201150 Screws  
201155 Injection and compression tools  
201160 Tool clamping systems and energy couplings  
201170 Rolls  
201173 Cutting tools  
201175 Cylinders

## **2012 Peripherals**

201201 Exhausting plants  
201202 Dust and fume extraction systems  
201203 Sprue separating equipment  
201204 Briquette technology  
201205 CAD/CAM - systems  
201208 Computer and data gathering equipment  
201210 Computer, PPS BDE-CAD systems  
201212 Dosing and metering equipment  
201215 Degassing systems  
201217 Colouring and mixed equipments  
201218 Equipment for gas injection  
201219 Deducting plants  
201220 Conveyor belts, means of transport  
201222 Handling equipment for loading or unloading  
201223 Ionizing systems  
201224 Industrial furnaces  
201225 Conditioning plants, humidification cabinets  
201226 Cooling equipment  
201230 Metal separators, separator equipment  
201232 Units for assembling systems  
201235 Granulators  
201237 Pre-treatment gadgets for surfaces  
201238 Plasma Systems  
201240 Peripherals, others  
201245 Pneumatic conveyor plants  
201250 Pneumatic conveyor equipments  
201252 Clean room engineering  
201254 Robots  
201255 Robots gripping systems  
201256 Melt pumps  
201260 Screw conveyors  
201262 Sieve machines, sieve gadget  
201265 Silos and silo discharge devices

201267 Software CAD-BDE-PPS-systems  
201268 Software  
201270 Spiral conveyors  
201275 Tempering equipment  
201278 Cabinets for drying and heating  
201279 Drying cabinets for semi-finished products  
201280 Driers for bulk material  
201281 Drying conveyor (HA, IR, UV)  
201282 Vacuum generation  
201283 Distributor stations  
201284 Heat recovery  
201285 Weigh setting ups  
201286 Water processing and treatment  
201287 Tool changing setting ups  
201290 Central cooling systems  
201295 Central filters

## **2013 Measuring, controlling, Regulating and proofing equipment**

201305 Working data gathering equipment systems  
201310 Accelerated weathering equipment  
201311 Computed tomography systems  
201312 Thickness gauges equipment, width measuring Equipment  
201313 Three-dimensional measuring machines  
201316 Colorimeters  
201317 Quality assurance and control equipment  
201320 Edge sensors, centre sensors  
201321 Laboratory equipment and devices  
201322 Measuring and testing machines  
201323 Measuring equipment for melt pressure  
201324 Measuring equipment for melt temperature  
201325 Measuring and test equipment for rheological Properties  
201326 Measuring and test equipment for mechanical Or dynamic properties  
201327 Measuring and test equipment for thermal Properties  
201328 Measuring and test equipment for electrical Properties  
201329 Measuring and test equipment for optical Properties  
201330 Precision weighing  
201333 Sensors for temperature  
201335 Control equipment for pressure  
201340 Control equipment for temperature, heat  
201345 Temperature measuring device, Non contact

## **2015 Further machines**

201510 Industrial equipment  
201515 Tool building machines  
201520 Machine accessories  
201530 Metal working machines  
201535 Plasma systems  
201540 Further and special machines  
201545 Packaging machines

# Finished and semi-finished products

## 2030 Semi-finished products, Technical parts and reinforced Plastic products

- 203005 Covers
- 203010 Acrylic-glass parts
- 203015 Apparatus and parts
- 203020 Armatures and parts
- 203025 Automobile and vehicle parts
- 203030 Building groups
- 203035 Fastening elements
- 203045 Containers
- 203047 Coatings
- 203050 Blown parts
- 203055 Office machinery parts
- 203057 Data processing equipment
- 203059 Sealing profiles
- 203060 Sealing/Seal rings
- 203065 Thermo set plastic processing
- 203070 Electrical equipment parts
- 203075 Labels
- 203077 Precision engineering instruments parts
- 203078 Telecommunication equipment parts
- 203079 Television sets parts
- 203080 Finished household products
- 203085 Finished products for the sanitary industry
- 203090 Further finished products
- 203095 Filter and filter parts
- 203210 Foils and sheeting
- 203215 Conveyor belts and accessories
- 203225 Casings
- 203230 Glass-fibre reinforced plastic parts (GFP)
- 203233 Plain bearing materials
- 203235 Engravings for technical application areas (Electrodes, printing blocks)
- 203237 Handles
- 203240 Rubber formed parts
- 203242 Rubber hollow springs
- 203245 Rubber/plastic combinations
- 203250 Rubber/metal combinations
- 203252 Rubberised fabric
- 203253 Semi-finished goods made of cast polyamide
- 203254 Semi-finished goods made of polyoxymethylene
- 203255 Semi-finished goods made of Polyethylene terephthalate
- 203256 Semi-finished goods made of polyether ketone
- 203257 Further semi-finished products
- 203265 In-mould-decoration (IMD)
- 203270 Edge protectors
- 203275 Ceramics injection moulding
- 203285 Bearings
- 203287 Plastic-metal composites
- 203290 Products of plastics chromium-plate
- 203305 Copper beryllium semi-finished products
- 203310 Laboratory technical parts
- 203315 Storage and transport containers
- 203316 Bearing boxes, bushes and sections
- 203320 Bogie wheels and runners
- 203321 Profile strips
- 203323 Lamps and components
- 203325 Ventilation grille
- 203327 Machine component parts
- 203330 Mechanically worked parts
- 203335 Medical-technical articles
- 203337 Membranes
- 203339 Parts for measuring instruments
- 203340 Metallized foils
- 203345 Metallized parts
- 203355 NYRIM-reaction injection moulded-Thermoplastic Parts
- 203360 Optical articles and parts
- 203365 Pallets
- 203370 Boards and vulcanite boards
- 203375 Embossed sheeting's
- 203380 Moulded parts
- 203381 Prototype injection moulding
- 203385 Profiles
- 203386 Parts for pumps
- 203387 Radio and phonographic equipment-parts
- 203390 Pipes
- 203391 Foam products
- 203395 Sign plates for technical application areas (Front panels, mimic diagrams)
- 203405 Hoses
- 203406 Welding foil
- 203408 Cable pulleys, pulley wheels
- 203410 Security anti splash tape
- 203415 Injection moulded parts
- 203417 Spools and spool bodies
- 203418 Pressed parts in accordance with sample, Drawing or customer's tools
- 203419 Tanks
- 203420 Technical rubber goods
- 203425 Technical parts
- 203430 Industrial precision fabrics for sifting and filtration
- 203435 Thermoforming parts (deep-drawn parts)
- 203440 Thermal transfer ink ribbon
- 203445 Carrier-bags
- 203450 Strapping, stretch film wrapping transport safety
- 203452 Valves
- 203455 Display
- 203460 Packaging material
- 203461 Limited lot production
- 203462 Reinforced plastic products
- 203463 Heat insulation plates
- 203465 Rollers and roller coatings
- 203485 Gearwheels, Gear racks, gear segments and Chain wheels

## Raw and auxiliary materials

### 2081 Raw materials

208105 ABS plastics  
208107 Acrylonitrile-Styrene-Acrylicester (ASA)  
208109 Biologically degradable plastics  
208110 Cellulose acetate (CA)  
208115 Thermosetting plastics  
208120 Elastomers  
208122 Polyether ester elastomers  
208125 Ethylene vinyl acetate copolymers (EVA)  
208130 Polyacetal (POM)  
208135 Polyamide (PA)  
208138 Polyarylamid  
208140 Polyarylat  
208143 Polybutene  
208146 Polybutyleneterephthalate (PBT)  
208150 Polycarbonate (PC)  
208152 Thermoplastic polyesters  
208154 Polyester resins  
208158 Polyetheretherketone (PEEK)  
208160 Polyetherimid (PEI)  
208165 Polyethylene (high pressure)  
208170 Polyethylene (low pressure)  
208175 Polyethylene LLD-PE  
208180 Polyethylene VLD-PE  
208185 Polyethyleneterephthalate (PET)  
208190 Polymethylmetacrylate (PMMA)  
208195 Polyphenylensulfide (PPS)  
208200 Polyphenylenether (PPE)  
208205 Polypropylene (PP)  
208210 Polystyrene (PS)  
208213 Polytetrafluorpethylene (PTFE)  
208215 Polyurethane  
208220 Polyvinyl chloride (PVC)  
208223 Polyvinylidene fluoride (PVDF)  
208225 Regenerations  
208230 Silicones  
208235 Injection moulding compounds  
208240 Styrene/acrylonitrile copolymers (SAN)  
208245 Thermoplastics  
208250 Thermoplastic elastomers (TPE)  
208255 Thermoplastic polyurethane (TPU)

### 2083 Compounds

208305 ABS-blends  
208307 Barrier plastics  
208310 Coating compounds  
208315 Compounds  
208320 Fillers  
208325 Cable compounds  
208328 Long fibre reinforced compounds  
208330 Magnetisable thermoplastic compound  
208333 Natural fibre reinforced compounds  
208335 Polymer blends  
208340 Recycling-Compounds  
208345 Raw foam materials  
208350 TPE-compounds

### 2084 Further auxiliaries

208405 Chemical auxiliaries for the processing of plastics  
208410 Printing auxiliaries  
208415 Decalcifying auxiliaries  
208420 Flow auxiliaries  
208422 Flock  
208423 Flock adhesive  
208425 Adhesives  
208430 Further auxiliaries  
208435 High-temperature resistant grease  
208440 Adhesives  
208444 Corrosion protection  
208445 Cooling water chemicals  
208450 Paints  
208455 Solvents  
208460 Testing inks  
208465 Cleaners  
208466 Lubricants  
208470 Abrasives  
208475 Mould release agents  
208480 Processing agents  
208482 Heat transfer fluids  
208485 Plasticizers  
208490 Cylinder cleansing granulates

### 2085 Additives

208505 Additives  
208510 Additive concentrates  
208515 Aging inhibitors  
208520 Ant blocking agents  
208525 Antioxidants  
208530 Anti slip agents  
208535 Antistatic  
208540 Dispersing agents  
208545 Flame retardants  
208550 Lubricants  
208555 Biodegradable master batches  
208560 Flating Agents  
208562 Nucleating agents  
208565 Propellants/blowing agents  
208570 UV-stabilizers  
208573 Self-reinforcing fibres  
208575 Reinforcing materials

### 2086 Dye

208605 Printing inks  
208610 Colour ants  
208615 Coloured concentrates  
208620 Liquid inks  
208621 Laser additives  
208625 Master batch  
208630 Pearlescent pigments  
208635 Pigments  
208640 Custom-compounded pigments

### 2091 Services

209101 Worker's safety and construction  
209104 Flocage  
209107 CAD/CAM services  
209110 Services, general  
209115 Wire spark-erosion technology  
209120 Computer software services  
209125 Engineering  
209130 Spark-erosion technology  
209135 Special literature  
209140 FEN-calculations  
209145 Simulation  
209150 Science and consulting  
209155 Hardening and surface technology  
209160 Electroplating of plastics  
209165 Plastic construction  
209170 Leasing  
209171 Laser cutting for plastics materials  
209172 Laser-Fusing  
209175 Subcontracting  
209177 Commission flocking  
209180 PVD coating service for moulding tools, heat treatment  
209185 Compounding service  
209190 Measurements on payment basis  
209195 Polishing service  
209200 Sandblasting service, Sand blast cabins  
209205 Contract foaming  
209210 Marketing and communication  
209212 Cast nylon  
209215 Surface treatment of plastics  
209216 Recruitment and HR consultancy  
209217 Plasma activation  
209218 Plasma cleaning  
209220 Testing laboratory  
209225 Rapid prototyping  
209226 Rapid tooling  
209230 Education, seminars  
209233 SLS selective laser sintering  
209235 Software  
209240 Special welding technologies  
209245 Stereo lithography  
209247 Beam interlacing  
209250 Pad printing work shop  
209255 TQM-Consulting  
209260 Vacuum casting  
209265 Association  
209270 Publishing houses  
209275 Finishing - printing  
209280 Finishing - hot embossing  
209285 Finishing - welding  
209290 Material-Testing/Failure Analysing  
209295 Economic Promotion Industrial Relocation  
209300 Certification

