

List of products/exhibits

01	Wire manufacturing and finishing machinery	01.04.11	Continuous resistance annealer	01.06.13	Material Handling
01.01	Casting	01.04.12	Lubricant application	01.06.14	Wire connection of coils
01.01.01	Standard casting	01.04.13	Preheater	01.07	Fastener machinery (bolts, nuts, rivets, nails)
01.01.02	Continuous casting	01.05	Wire cleaning, machining, forming and coating	01.07.01	Bending, forming
01.01.03	Continuous Cast Rod Process (CCR-Process)	01.05.01	Pickling, blasting, scale removal by bending, cleaning, scale removal	01.07.02	Hot upsetting
01.02	Rolling, pressing, forming	01.05.02	Coating	01.07.03	Cold upsetting, forging
01.02.01	Hot rolling	01.05.03	Turning, milling, grinding, spinning	01.07.04	Soldering
01.02.02	Cold rolling	01.05.04	Enamelling	01.07.05	Welding
01.02.03	Extruding presses	01.05.05	Deburring, peeling, upsetting	01.07.06	Separating
01.02.03.01	Metal extrusion technology	01.05.06	Spark erosion	01.07.07	Pressing
01.02.04	Single-stage presses	01.05.07	Grinding, pointing, lapping	01.07.08	Twisting
01.02.05	Multi-stage presses	01.05.08	Blanking and stamping	01.07.09	Cutting (threads etc.)
01.02.06	Hammering machines	01.05.09	Heat exchangers/acid heating	01.07.10	Rolling (threads)
01.02.07	Chipless forming	01.05.10	Chemical pumps	01.07.11	Heat treatment
01.02.08	Forging	01.06	Machinery for wire and cable handling	01.08	Spring manufacturing machinery
01.02.09	Reduction rolling	01.06.01	Coiling, winding	01.08.01	Simple spring manufacturing machines (for bed, curtain, mattress springs)
01.02.10	Warm forming	01.06.02	De-coiling, unwinding	01.08.02	Coil springs
01.03	Drawing	01.06.03	Spooling	01.08.03	Tension spring machines
01.03.01	Wire drawing machines (dry, fine, multi)	01.06.04	Dividing	01.08.04	Leaf and flat spiral springs
01.03.02	Continuous drawing machines	01.06.05	Cutting	01.08.05	Leg and shaped spring machines
01.04	Surface and heat treatment	01.06.06	Straightening	01.08.06	Spring and grinding machines
01.04.01	Drying and baking ovens	01.06.07	Bending	01.09	Cable and stranding machines
01.04.02	Annealing without inert gas (furnaces)	01.06.08	Counting, weighing, sorting	01.09.01	Cable filling
01.04.03	Annealing with inert gas (furnaces)	01.06.09	Size reduction, granulation	01.09.02	Cable sheathing and insulating
01.04.04	Vacuum annealing (furnaces)	01.06.10	Auxiliaries (guides, discharge tables)	01.09.03	Stranding
01.04.05	Induction annealing	01.06.11	Feed devices, handling equipment	01.09.04	Twisting, bunching
01.04.06	Salt bath furnaces	01.06.12	Packaging (coil forming, storing)	01.09.05	Cable cutting machines
01.04.07	Burnishing and phosphating installations			01.09.06	Cable marking machines
01.04.08	Metal coating (chemical, electroplating etc.)			01.09.07	Cable extrusion machines
01.04.09	Hardening, tempering				
01.04.10	Shot peening				

List of products/exhibits

01.09.08	Insulation strippers for cables	01.11	Welding and electrode manufacturing machinery	02	Process technology tools
01.09.09	Powder applicators	01.11.01	Wire and rope welding machines	02.01	for casting
01.09.10	Tape Application machinery, with/without auto-splicing	01.11.02	Grid welding machines	02.02	for extruding
01.09.11	fibre glass cables manufacturing machinery	01.11.03	Special-purpose welding machines	02.03	for drawing
01.10	Wire product manufacturing machinery	01.11.04	Electrode manufacturing machines	02.03.01	Diamond drawing dies
01.10.01	Wire rope machines	01.11.05	Lead wire and solder wire production plant	02.03.02	Hard metal drawing dies
01.10.02	Reinforcing mesh machines	01.11.06	Cold pressure welding	02.03.03	Ceramic drawing dies
01.10.03	Wire fence machines	01.12	Special machinery and equipment	02.03.04	Polycrystalline drawing dies
01.10.04	Plaiting and weaving machines	01.12.01	Drawing dies - repairing and machining	02.03.05	Enamelled drawing dies
01.10.05	Ring, hook and eye wire machines	01.12.02	Polishing drawing dies	02.03.06	Adjustable drawing dies
01.10.06	Hairclip and paperclip machines (office accessories)	01.12.03	Reprocessing drawing oils	02.03.07	Cleaning, repairing and polishing drawing dies
01.10.07	Chain making machines (industrial chains and jewellery)	01.12.04	Filtering equipment	02.03.08	Cold upsetting and blanking drawing dies
01.10.08	Steel and knitting needle machines	01.12.05	Cleaning facilities (incl. shot-blasting equipment)	02.03.09	Tube and rod drawing dies
01.10.09	Screw and nail machines	01.12.06	Fibre optic manufacturing machinery	02.03.10	Pulling in dogs
01.10.10	Transformer wire winding	01.12.07	Airwipes	02.04	for rolling
01.10.11	Special-purpose machines (bag ties, belt fasteners, drawing pins, clothes hangers, can openers, buckles, lead shot etc.)	01.12.08	Laser processing and microdrilling of draw dies	02.05	for power transmission purposes (cones, rings, guide and bearing pulleys)
01.10.12	Machinery and equipment for the manufacture of cables connections	01.12.09	Lubricant application equipment	02.05.01	Steel/cast, chrome-plated
01.10.13	Wire knitting/weaving machines	01.12.10	Fiber colouring systems/plants	02.05.02	Stainless steel
01.10.14	Machinery for the manufacture of bowden cables	01.12.11	Cable Termination Equipment and Tooling	02.05.03	Hard metal, hard-faced
		01.13	Used, rebuilt and reconditioned machinery (all machines from 01.01 to 01.12)	02.05.04	Ceramics, ceramic-coated
		01.14	Spare parts for wire and cable machines	02.05.05	Plastics
				02.05.06	Other materials
				02.06	for rolling
				02.06.01	Steel
				02.06.02	Hard metal, hard-faced
				02.06.03	Ceramics, ceramic-coated
				02.06.04	Turks head rolls
				02.06.05	Plain rolls

List of products/exhibits

02.06.06	Shape rolls	03.08.05	Other special coils, spools and reels	04.04.01	Beryllium
02.06.07	Other materials	03.09	Auxiliary welding materials	04.04.02	Gold, platinum, silver
02.07	for cable manufacturing and processing	03.10	Other chemicals	04.04.03	Molybdenum
02.07.01	Flat cores	03.10.01	Binding agents	04.04.04	Niobium
02.07.02	Round cores	03.10.02	Acid protection agents	04.04.05	Tantalum
02.08	for spring manufacturing	03.10.03	Protective agents	04.04.06	Titanium
02.09	Other	03.11	Conductive auxiliary materials	04.04.07	Tungsten
02.09.01	Complete welding wire lines			04.04.08	Zirconium
02.10	for chipless shaping			04.04.09	Glass
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03	Auxiliary process technology materials	04	Materials, special wires and cables	04.04.11	Special steels
03.01	Lubricants	04.01	Raw iron and steelbased products	04.04.12	Magnesium
03.01.01	Oils, greases, lubricants	04.01.01	Carbon content (low)	04.05	Application-specific speciality wires for
03.01.02	Auxiliary drawing materials	04.01.02	Carbon content (high)	04.05.01	Bolts, rivets, cold extruded parts
03.01.03	Process lubricants	04.01.03	Stainless steel	04.05.02	Springs
03.02	Cleaning and wetting agents	04.01.04	Special alloys	04.05.03	Wire ropes, wire strands, cables
03.02.01	Pickling chemicals, acids	04.02	Processed iron and steel based products	04.05.04	Wire intermediaries (rubber, plastic, fabric)
03.02.02	Degreasing and wetting	04.02.01	Non-coated (bright)	04.05.05	Reinforcements (construction industry)
03.02.03	Bleaching	04.02.02	With metallic coatings (zinc, tin, copper, bronze etc.)	04.05.06	Wire mesh, wire grating
03.03	Dyes	04.02.03	With non-metallic coatings (paint, plastic, bitumen etc.)	04.05.06.01	Woven wire mesh cloth (S.S. + P.B.)
03.03.01	Masterbatches	04.02.04	Annealed	04.05.06.02	Disc filters, candle filters, test sieves, shale shaker screen
03.04	Auxiliary hardening materials	04.02.05	Tempered	04.05.07	Wire cloth, strainers, filters
03.05	Grinding and lapping materials	04.02.06	Strain hardened	04.05.08	Auxiliary welding materials
03.06	Adhesives and packaging	04.03	Non-ferrous-based	04.05.09	Wire bending products, small parts
03.07	Auxiliary galvanizing materials	04.03.01	Aluminium	04.05.10	Other (medical purposes, music, packaging)
03.08	Coiling, uncoiling and rewinding spools and reels	04.03.02	Nickel	04.05.11	Chain steels
03.08.01	Metal/steel coils	04.03.03	Copper	04.05.12	Wire products for use in the automotive and aircraft industries
03.08.02	Wooden coils	04.03.04	Brass, bronze		
03.08.03	Plastic coils	04.03.05	Zinc		
03.08.04	Cable drums	04.03.06	Tin		
		04.04	Speciality wires made from		

List of products/exhibits

06.03.04	Insulated Wire Cables	07.06	Data technology/ Production control
06.03.05	Bare wire, rod and wire ropes	07.07	Consulting and services
06.03.06	Fasteners	07.07.01	Galvanizing
06.03.07	Tools	07.08	Research and training
06.04	Auxiliary materials	07.09	Trade literature/ Publishers
06.05	Laboratory test equipment	07.10	Associations
06.06	Other		
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07	Specialist areas		
07.01	plant engineering and construction		
07.02	Logistics		
07.02.01	Packaging		
07.02.01.01	Plant and Machinery		
07.02.01.02	Materials		
07.02.01.03	Counting, weighing, sorting		
07.02.02	Stock automation		
07.02.02.01	Control and monitoring installations		
07.02.02.02	Racking systems		
07.02.02.03	Storing (automatic, mechanical)		
07.02.03	Transport automation		
07.02.03.01	Auxiliaries (guides, feed devices, brakes etc.)		
07.02.03.02	Small capacity lifting devices		
07.02.03.03	Conveying systems		
07.02.03.04	Coiling and decoiling		
07.03	Safety technology		
07.03.01	Acid protection		
07.03.02	Safety equipment		
07.04	Environmental protection		
07.04.01	Recycling		
07.04.02	Acid degradation		
07.05	Cross linking agents		