JSON Structure

**name:** Metalworking Machinery

**code:** 01

# **subcategories**

**name:** Machining Centers & Milling Machines

**code:** 01.01

## **subSubcategories**

**name:** Vertical CNC Machining Centers

**code:** 01.01.01

**name:** Horizontal CNC Machining Centers

**code:** 01.01.02

**name:** Universal CNC Machining Centers

**code:** 01.01.03

**name:** CNC Milling Machines

**code:** 01.01.04

**name:** Manual Milling Machines

**code:** 01.01.05

**name:** Lathes

**code:** 01.02

## **subSubcategories**

**name:** Horizontal CNC Lathes

**code:** 01.02.01

**name:** Vertical CNC Lathes

**code:** 01.02.02

**name:** Manual Lead & Feed Spindle Lathes

**code:** 01.02.03

**name:** Turret Lathes

**code:** 01.02.04

**name:** Grinding Machines

**code:** 01.03

## **subSubcategories**

**name:** Surface Grinding Machines

**code:** 01.03.01

**name:** External Cylindrical Grinding Machines

**code:** 01.03.02

**name:** Internal Cylindrical Grinding Machines

**code:** 01.03.03

**name:** Tool & Cutter Grinding Machines

**code:** 01.03.04

**name:** Centerless Grinding Machines

**code:** 01.03.05

**name:** Drilling & Boring Machines

**code:** 01.04

## **subSubcategories**

**name:** Radial Drilling Machines

**code:** 01.04.01

**name:** Column Drilling Machines

**code:** 01.04.02

**name:** Horizontal Boring Mills

**code:** 01.04.03

**name:** Vertical Boring Mills

**code:** 01.04.04

**name:** Sheet Metal Machinery

**code:** 01.05

## **subSubcategories**

**name:** Laser Cutting Machines

**code:** 01.05.01

**name:** Plasma Cutting Machines

**code:** 01.05.02

**name:** Waterjet Cutting Machines

**code:** 01.05.03

**name:** Shears

**code:** 01.05.04

**name:** Press Brakes

**code:** 01.05.05

**name:** Plate Rolling Machines

**code:** 01.05.06

**name:** Profile Bending Machines

**code:** 01.05.07

**name:** Swing-Beam Bending Machines

**code:** 01.05.08

**name:** CNC Punching Machines

**code:** 01.05.09

**name:** Mechanical Punching Machines

**code:** 01.05.10

**name:** EDM Machines

**code:** 01.06

## **subSubcategories**

**name:** Wire EDM Machines

**code:** 01.06.01

**name:** Sinker EDM Machines

**code:** 01.06.02

**name:** EDM Drilling Machines

**code:** 01.06.03

**name:** Sawing & Cutting Machines

**code:** 01.07

## **subSubcategories**

**name:** Horizontal Band Saws

**code:** 01.07.01

**name:** Vertical Band Saws

**code:** 01.07.02

**name:** Circular Saws

**code:** 01.07.03

**name:** Hack Saws

**code:** 01.07.04

**name:** Welding Equipment

**code:** 01.08

## **subSubcategories**

**name:** MIG/MAG Welding Machines

**code:** 01.08.01

**name:** TIG Welding Machines

**code:** 01.08.02

**name:** Stick Welding Machines

**code:** 01.08.03

**name:** Spot Welding Machines

**code:** 01.08.04

**name:** Seam Welding Machines

**code:** 01.08.05

**name:** Welding Robots

**code:** 01.08.06

**name:** Welding Accessories

**code:** 01.08.07

**name:** Presses

**code:** 01.09

## **subSubcategories**

**name:** Mechanical Presses

**code:** 01.09.01

**name:** Hydraulic Presses

**code:** 01.09.02

**name:** Pneumatic Presses

**code:** 01.09.03

**name:** Forging Presses

**code:** 01.09.04

**name:** Punching Presses

**code:** 01.09.05

**name:** Gear Machining

**code:** 01.10

## **subSubcategories**

**name:** Gear Hobbing Machines

**code:** 01.10.01

**name:** Gear Shaping Machines

**code:** 01.10.02

**name:** Gear Grinding Machines

**code:** 01.10.03

**name:** Wire Processing

**code:** 01.11

## **subSubcategories**

**name:** Wire Drawing Machines

**code:** 01.11.01

**name:** Wire Twisting Machines

**code:** 01.11.02

**name:** Wire Cutting & Stripping Machines

**code:** 01.11.03

**name:** Wire Bending Machines

**code:** 01.11.04

**name:** Wire Mesh Machines

**code:** 01.11.05

**name:** Wire Winding Machines

**code:** 01.11.06

**name:** Surface Treatment

**code:** 01.12

## **subSubcategories**

**name:** Powder Coating Systems

**code:** 01.12.01

**name:** Paint Systems

**code:** 01.12.02

**name:** Electroplating Systems

**code:** 01.12.03

**name:** Anodizing Systems

**code:** 01.12.04

**name:** Sandblasting Machines

**code:** 01.12.05

**name:** Shot Blasting Machines

**code:** 01.12.06

**name:** Polishing Machines

**code:** 01.12.07

**name:** Ultrasonic Cleaning Systems

**code:** 01.12.08

**name:** Solvent Cleaning Systems

**code:** 01.12.09

**name:** Other Metalworking Machines

**code:** 01.13

## **subSubcategories**

**name:** Honing Machines

**code:** 01.13.01

**name:** Lapping Machines

**code:** 01.13.02

**name:** Broaching Machines

**code:** 01.13.03

**name:** Straightening Machines

**code:** 01.13.04

**name:** Woodworking Machinery

**code:** 02

# **subcategories**

**name:** Saws

**code:** 02.01

## **subSubcategories**

**name:** Circular Saws

**code:** 02.01.01

**name:** Band Saws

**code:** 02.01.02

**name:** Panel Saws

**code:** 02.01.03

**name:** Miter Saws

**code:** 02.01.04

**name:** Jig Saws

**code:** 02.01.05

**name:** Planers & Thicknessers

**code:** 02.02

## **subSubcategories**

**name:** Surface Planers

**code:** 02.02.01

**name:** Thickness Planers

**code:** 02.02.02

**name:** Combination Planers

**code:** 02.02.03

**name:** CNC Woodworking Machines

**code:** 02.03

## **subSubcategories**

**name:** CNC Milling Machines

**code:** 02.03.01

**name:** CNC Machining Centers

**code:** 02.03.02

**name:** Grinding Machines

**code:** 02.04

## **subSubcategories**

**name:** Belt Sanders

**code:** 02.04.01

**name:** Disc Sanders

**code:** 02.04.02

**name:** Wide Belt Sanders

**code:** 02.04.03

**name:** Edge Sanders

**code:** 02.04.04

**name:** Drilling Machines

**code:** 02.05

## **subSubcategories**

**name:** Single Spindle Drills

**code:** 02.05.01

**name:** Multi-Spindle Drills

**code:** 02.05.02

**name:** Dowel Drills

**code:** 02.05.03

**name:** Edge Banding Machines

**code:** 02.06

## **subSubcategories**

**name:** Manual Edge Banders

**code:** 02.06.01

**name:** Automatic Edge Banders

**code:** 02.06.02

**name:** Joinery Machines

**code:** 02.07

## **subSubcategories**

**name:** Mortising Machines

**code:** 02.07.01

**name:** Tenoning Machines

**code:** 02.07.02

**name:** Table Routers

**code:** 02.07.03

**name:** Wood Lathes

**code:** 02.08

## **subSubcategories**

**name:** Manual Lathes

**code:** 02.08.01

**name:** CNC Lathes

**code:** 02.08.02

**name:** Wood Presses

**code:** 02.09

## **subSubcategories**

**name:** Veneer Presses

**code:** 02.09.01

**name:** Membrane Presses

**code:** 02.09.02

**name:** Dust Extraction Systems

**code:** 02.10

## **subSubcategories**

**name:** Other Woodworking Machines

**code:** 02.11

## **subSubcategories**

**name:** Finger Jointing Systems

**code:** 02.11.01

**name:** Wood Drying Kilns

**code:** 02.11.02

**name:** Plastic & Rubber Machinery

**code:** 03

# **subcategories**

**name:** Injection Molding Machines

**code:** 03.01

## **subSubcategories**

**name:** Horizontal Injection Molders

**code:** 03.01.01

**name:** Vertical Injection Molders

**code:** 03.01.02

**name:** All-Electric Injection Molders

**code:** 03.01.03

**name:** Extrusion Machines

**code:** 03.02

## **subSubcategories**

**name:** Pipe Extruders

**code:** 03.02.01

**name:** Profile Extruders

**code:** 03.02.02

**name:** Film Extruders

**code:** 03.02.03

**name:** Rubber Extruders

**code:** 03.02.04

**name:** Blow Molding Machines

**code:** 03.03

## **subSubcategories**

**name:** Extrusion Blow Molders

**code:** 03.03.01

**name:** Injection Blow Molders

**code:** 03.03.02

**name:** Stretch Blow Molders

**code:** 03.03.03

**name:** Thermoforming Machines

**code:** 03.04

## **subSubcategories**

**name:** Vacuum Forming Machines

**code:** 03.04.01

**name:** Pressure Forming Machines

**code:** 03.04.02

**name:** Recycling Machines

**code:** 03.05

## **subSubcategories**

**name:** Shredders

**code:** 03.05.01

**name:** Granulators

**code:** 03.05.02

**name:** Pelletizers

**code:** 03.05.03

**name:** Agglomerators

**code:** 03.05.04

**name:** Compounding Systems

**code:** 03.06

## **subSubcategories**

**name:** Kneaders

**code:** 03.06.01

**name:** Mixers

**code:** 03.06.02

**name:** Foam Machinery

**code:** 03.07

## **subSubcategories**

**name:** Calenders

**code:** 03.08

## **subSubcategories**

**name:** Rotational Molding Machines

**code:** 03.09

## **subSubcategories**

**name:** Textile Machinery

**code:** 04

# **subcategories**

**name:** Spinning Machines

**code:** 04.01

## **subSubcategories**

**name:** Ring Spinning Machines

**code:** 04.01.01

**name:** Open-End Spinning Machines

**code:** 04.01.02

**name:** Rotor Spinning Machines

**code:** 04.01.03

**name:** Weaving Machines

**code:** 04.02

## **subSubcategories**

**name:** Air Jet Looms

**code:** 04.02.01

**name:** Rapier Looms

**code:** 04.02.02

**name:** Projectile Looms

**code:** 04.02.03

**name:** Knitting Machines

**code:** 04.03

## **subSubcategories**

**name:** Warp Knitting Machines

**code:** 04.03.01

**name:** Circular Knitting Machines

**code:** 04.03.02

**name:** Flat Knitting Machines

**code:** 04.03.03

**name:** Dyeing & Finishing Machines

**code:** 04.04

## **subSubcategories**

**name:** Fabric Dyeing Machines

**code:** 04.04.01

**name:** Yarn Dyeing Machines

**code:** 04.04.02

**name:** Printing Machines

**code:** 04.04.03

**name:** Calenders

**code:** 04.04.04

**name:** Sanforizing Machines

**code:** 04.04.05

**name:** Nonwoven Machines

**code:** 04.05

## **subSubcategories**

**name:** Spunbond Systems

**code:** 04.05.01

**name:** Meltblown Systems

**code:** 04.05.02

**name:** Sewing & Garment Machines

**code:** 04.06

## **subSubcategories**

**name:** Straight Stitch Machines

**code:** 04.06.01

**name:** Overlock Machines

**code:** 04.06.02

**name:** Straight Knife Cutters

**code:** 04.06.03

**name:** Band Knife Cutters

**code:** 04.06.04

**name:** Embroidery Machines

**code:** 04.06.05

**name:** Textile Testing Equipment

**code:** 04.07

## **subSubcategories**

**name:** Winding & Twisting Machines

**code:** 04.08

## **subSubcategories**

**name:** Food Processing Machinery

**code:** 05

# **subcategories**

**name:** Bakery Equipment

**code:** 05.01

## **subSubcategories**

**name:** Dough Mixers

**code:** 05.01.01

**name:** Dough Dividers

**code:** 05.01.02

**name:** Deck Ovens

**code:** 05.01.03

**name:** Rack Ovens

**code:** 05.01.04

**name:** Proofing Cabinets

**code:** 05.01.05

**name:** Meat Processing

**code:** 05.02

## **subSubcategories**

**name:** Meat Grinders

**code:** 05.02.01

**name:** Meat Slicers

**code:** 05.02.02

**name:** Sausage Fillers

**code:** 05.02.03

**name:** Meat Mixers

**code:** 05.02.04

**name:** Beverage Production

**code:** 05.03

## **subSubcategories**

**name:** Mash Tuns

**code:** 05.03.01

**name:** Fermentation Tanks

**code:** 05.03.02

**name:** Filling & Canning Lines

**code:** 05.03.03

**name:** Pasteurizers

**code:** 05.03.04

**name:** Dairy Equipment

**code:** 05.04

## **subSubcategories**

**name:** Milk Pasteurizers

**code:** 05.04.01

**name:** Cheese Making Equipment

**code:** 05.04.02

**name:** Cream Separators

**code:** 05.04.03

**name:** Confectionery Machines

**code:** 05.05

## **subSubcategories**

**name:** Chocolate Tempering Machines

**code:** 05.05.01

**name:** Candy Making Machines

**code:** 05.05.02

**name:** Fruit & Vegetable Processing

**code:** 05.06

## **subSubcategories**

**name:** Washing Machines

**code:** 05.06.01

**name:** Peeling Machines

**code:** 05.06.02

**name:** Cutting & Dicing Machines

**code:** 05.06.03

**name:** Food Packaging

**code:** 05.07

## **subSubcategories**

**name:** Vacuum Packaging Machines

**code:** 05.07.01

**name:** Modified Atmosphere Packaging

**code:** 05.07.02

**name:** Filling Machines

**code:** 05.07.03

**name:** Refrigeration & Cooling

**code:** 05.08

## **subSubcategories**

**name:** Chillers

**code:** 05.08.01

**name:** Cooling Towers

**code:** 05.08.02

**name:** Cold Rooms

**code:** 05.08.03

**name:** Display Coolers

**code:** 05.08.04

**name:** Ice Machines

**code:** 05.08.05

**name:** Packaging Machinery

**code:** 06

# **subcategories**

**name:** Filling Machines

**code:** 06.01

## **subSubcategories**

**name:** Liquid Filling Machines

**code:** 06.01.01

**name:** Powder Filling Machines

**code:** 06.01.02

**name:** Granule Filling Machines

**code:** 06.01.03

**name:** Sealing Machines

**code:** 06.02

## **subSubcategories**

**name:** Heat Sealers

**code:** 06.02.01

**name:** Induction Sealers

**code:** 06.02.02

**name:** Ultrasonic Sealers

**code:** 06.02.03

**name:** Wrapping Machines

**code:** 06.03

## **subSubcategories**

**name:** Shrink Wrapping Machines

**code:** 06.03.01

**name:** Stretch Wrapping Machines

**code:** 06.03.02

**name:** Labeling Machines

**code:** 06.04

## **subSubcategories**

**name:** Self-Adhesive Labelers

**code:** 06.04.01

**name:** Sleeve Labelers

**code:** 06.04.02

**name:** Cartoning Machines

**code:** 06.05

## **subSubcategories**

**name:** Horizontal Cartoners

**code:** 06.05.01

**name:** Vertical Cartoners

**code:** 06.05.02

**name:** Palletizing Machines

**code:** 06.06

## **subSubcategories**

**name:** Conventional Palletizers

**code:** 06.06.01

**name:** Robotic Palletizers

**code:** 06.06.02

**name:** Form-Fill-Seal Machines

**code:** 06.07

## **subSubcategories**

**name:** Vertical Form-Fill-Seal (VFFS)

**code:** 06.07.01

**name:** Horizontal Form-Fill-Seal (HFFS)

**code:** 06.07.02

**name:** Blister Packaging Machines

**code:** 06.08

## **subSubcategories**

**name:** Printing & Graphics Equipment

**code:** 07

# **subcategories**

**name:** Printing Presses

**code:** 07.01

## **subSubcategories**

**name:** Offset Presses

**code:** 07.01.01

**name:** Digital Presses

**code:** 07.01.02

**name:** Flexographic Presses

**code:** 07.01.03

**name:** Gravure Presses

**code:** 07.01.04

**name:** Screen Printing Machines

**code:** 07.01.05

**name:** Prepress Equipment

**code:** 07.02

## **subSubcategories**

**name:** Plate Making Machines

**code:** 07.02.01

**name:** Exposers

**code:** 07.02.02

**name:** Postpress Equipment

**code:** 07.03

## **subSubcategories**

**name:** Guillotine Cutters

**code:** 07.03.01

**name:** Folding Machines

**code:** 07.03.02

**name:** Perfect Binders

**code:** 07.03.03

**name:** Saddle Stitchers

**code:** 07.03.04

**name:** Laminating Machines

**code:** 07.03.05

**name:** Paper & Film Processing

**code:** 07.04

## **subSubcategories**

**name:** Paper Cutting Machines

**code:** 07.04.01

**name:** Paper Folding Machines

**code:** 07.04.02

**name:** Film Extruders

**code:** 07.04.03

**name:** Film Slitters

**code:** 07.04.04

**name:** Roll Slitters

**code:** 07.04.05

**name:** Cross Cutters

**code:** 07.04.06

**name:** Bag Making Machines

**code:** 07.04.07

**name:** Construction Machinery

**code:** 08

# **subcategories**

**name:** Earth Moving Equipment

**code:** 08.01

## **subSubcategories**

**name:** Crawler Excavators

**code:** 08.01.01

**name:** Wheeled Excavators

**code:** 08.01.02

**name:** Skid Steer Loaders

**code:** 08.01.03

**name:** Wheel Loaders

**code:** 08.01.04

**name:** Bulldozers

**code:** 08.01.05

**name:** Road Construction

**code:** 08.02

## **subSubcategories**

**name:** Asphalt Pavers

**code:** 08.02.01

**name:** Road Rollers

**code:** 08.02.02

**name:** Cold Milling Machines

**code:** 08.02.03

**name:** Lifting Equipment

**code:** 08.03

## **subSubcategories**

**name:** Mobile Cranes

**code:** 08.03.01

**name:** Tower Cranes

**code:** 08.03.02

**name:** Forklifts

**code:** 08.03.03

**name:** Concrete Equipment

**code:** 08.04

## **subSubcategories**

**name:** Concrete Mixers

**code:** 08.04.01

**name:** Concrete Pumps

**code:** 08.04.02

**name:** Concrete Batching Plants

**code:** 08.04.03

**name:** Drilling Equipment

**code:** 08.05

## **subSubcategories**

**name:** Pile Drivers

**code:** 08.05.01

**name:** Rotary Drilling Rigs

**code:** 08.05.02

**name:** Stone Processing

**code:** 08.06

## **subSubcategories**

**name:** Bridge Saws

**code:** 08.06.01

**name:** Wire Saws

**code:** 08.06.02

**name:** Stone Polishing Machines

**code:** 08.06.03

**name:** Stone Engraving Machines

**code:** 08.06.04

**name:** CNC Stone Machining Centers

**code:** 08.06.05

**name:** Stone Splitters

**code:** 08.06.06

**name:** Municipal Equipment

**code:** 08.07

## **subSubcategories**

**name:** Street Sweepers

**code:** 08.07.01

**name:** Scrubber-Dryers

**code:** 08.07.02

**name:** Garbage Trucks

**code:** 08.07.03

**name:** Recycling Vehicles

**code:** 08.07.04

**name:** Snow Plows

**code:** 08.07.05

**name:** Snow Blowers

**code:** 08.07.06

**name:** Asphalt Patching Machines

**code:** 08.07.07

**name:** Crack Fillers

**code:** 08.07.08

**name:** Aerial Work Platforms

**code:** 08.07.09

**name:** Tree Care Equipment

**code:** 08.07.10

**name:** Agricultural Machinery

**code:** 09

# **subcategories**

**name:** Tractors

**code:** 09.01

## **subSubcategories**

**name:** Compact Tractors

**code:** 09.01.01

**name:** Standard Tractors

**code:** 09.01.02

**name:** Harvesting Machines

**code:** 09.02

## **subSubcategories**

**name:** Combine Harvesters

**code:** 09.02.01

**name:** Forage Harvesters

**code:** 09.02.02

**name:** Baling Presses

**code:** 09.02.03

**name:** Planting & Seeding

**code:** 09.03

## **subSubcategories**

**name:** Seed Drills

**code:** 09.03.01

**name:** Planters

**code:** 09.03.02

**name:** Irrigation Systems

**code:** 09.04

## **subSubcategories**

**name:** Sprinkler Systems

**code:** 09.04.01

**name:** Drip Irrigation Systems

**code:** 09.04.02

**name:** Soil Cultivation

**code:** 09.05

## **subSubcategories**

**name:** Plows

**code:** 09.05.01

**name:** Harrows

**code:** 09.05.02

**name:** Cultivators

**code:** 09.05.03

**name:** Crop Protection

**code:** 09.06

## **subSubcategories**

**name:** Sprayers

**code:** 09.06.01

**name:** Mist Blowers

**code:** 09.06.02

**name:** Livestock Equipment

**code:** 09.07

## **subSubcategories**

**name:** Milking Machines

**code:** 09.07.01

**name:** Feeding Systems

**code:** 09.07.02

**name:** Material Handling & Storage Systems

**code:** 10

# **subcategories**

**name:** Forklifts

**code:** 10.01

## **subSubcategories**

**name:** Counterbalance Forklifts

**code:** 10.01.01

**name:** Reach Trucks

**code:** 10.01.02

**name:** Order Pickers

**code:** 10.01.03

**name:** Conveyors

**code:** 10.02

## **subSubcategories**

**name:** Belt Conveyors

**code:** 10.02.01

**name:** Roller Conveyors

**code:** 10.02.02

**name:** Screw Conveyors

**code:** 10.02.03

**name:** Cranes & Hoists

**code:** 10.03

## **subSubcategories**

**name:** Overhead Cranes

**code:** 10.03.01

**name:** Gantry Cranes

**code:** 10.03.02

**name:** Jib Cranes

**code:** 10.03.03

**name:** Storage Systems

**code:** 10.04

## **subSubcategories**

**name:** Pallet Racks

**code:** 10.04.01

**name:** Shelving Systems

**code:** 10.04.02

**name:** Automated Storage & Retrieval Systems (AS/RS)

**code:** 10.04.03

**name:** Lifting Equipment

**code:** 10.05

## **subSubcategories**

**name:** Pallet Trucks

**code:** 10.05.01

**name:** Scissor Lift Tables

**code:** 10.05.02

**name:** Energy & Power Plant Equipment

**code:** 11

# **subcategories**

**name:** Generators

**code:** 11.01

## **subSubcategories**

**name:** Diesel Generators

**code:** 11.01.01

**name:** Gas Generators

**code:** 11.01.02

**name:** Portable Generators

**code:** 11.01.03

**name:** Compressors

**code:** 11.02

## **subSubcategories**

**name:** Screw Compressors

**code:** 11.02.01

**name:** Piston Compressors

**code:** 11.02.02

**name:** Gas Compressors

**code:** 11.02.03

**name:** Transformers & Electrical Equipment

**code:** 11.03

## **subSubcategories**

**name:** Power Transformers

**code:** 11.03.01

**name:** Distribution Transformers

**code:** 11.03.02

**name:** Renewable Energy Systems

**code:** 11.04

## **subSubcategories**

**name:** Solar Panels

**code:** 11.04.01

**name:** Wind Turbines

**code:** 11.04.02

**name:** Motors & Drives

**code:** 11.05

## **subSubcategories**

**name:** AC Motors

**code:** 11.05.01

**name:** DC Motors

**code:** 11.05.02

**name:** Servo Motors

**code:** 11.05.03

**name:** Diesel Engines

**code:** 11.05.04

**name:** Gasoline Engines

**code:** 11.05.05

**name:** Gas Engines

**code:** 11.05.06

**name:** Alternators

**code:** 11.05.07

**name:** Process & Chemical Engineering

**code:** 12

# **subcategories**

**name:** Mixers & Agitators

**code:** 12.01

## **subSubcategories**

**name:** Ribbon Mixers

**code:** 12.01.01

**name:** Planetary Mixers

**code:** 12.01.02

**name:** Agitators

**code:** 12.01.03

**name:** Reactors & Vessels

**code:** 12.02

## **subSubcategories**

**name:** Batch Reactors

**code:** 12.02.01

**name:** Continuous Reactors

**code:** 12.02.02

**name:** Heat Exchangers

**code:** 12.03

## **subSubcategories**

**name:** Shell & Tube Heat Exchangers

**code:** 12.03.01

**name:** Plate Heat Exchangers

**code:** 12.03.02

**name:** Separation Equipment

**code:** 12.04

## **subSubcategories**

**name:** Centrifuges

**code:** 12.04.01

**name:** Filters

**code:** 12.04.02

**name:** Distillation Columns

**code:** 12.04.03

**name:** Pumps

**code:** 12.05

## **subSubcategories**

**name:** Centrifugal Pumps

**code:** 12.05.01

**name:** Positive Displacement Pumps

**code:** 12.05.02

**name:** Valves & Fittings

**code:** 12.06

## **subSubcategories**

**name:** Vacuum Technology

**code:** 12.07

## **subSubcategories**

**name:** Rotary Vane Pumps

**code:** 12.07.01

**name:** Diaphragm Pumps

**code:** 12.07.02

**name:** Turbomolecular Pumps

**code:** 12.07.03

**name:** Vacuum Chambers

**code:** 12.07.04

**name:** Vacuum Ovens

**code:** 12.07.05

**name:** Vacuum Gauges

**code:** 12.07.06

**name:** Pharmaceutical & Medical Equipment

**code:** 13

# **subcategories**

**name:** Pharmaceutical Processing

**code:** 13.01

## **subSubcategories**

**name:** Tablet Presses

**code:** 13.01.01

**name:** Capsule Filling Machines

**code:** 13.01.02

**name:** Coating Machines

**code:** 13.01.03

**name:** Granulators

**code:** 13.01.04

**name:** Laboratory Equipment

**code:** 13.02

## **subSubcategories**

**name:** Analytical Instruments

**code:** 13.02.01

**name:** Microscopes

**code:** 13.02.02

**name:** Sterilization Equipment

**code:** 13.03

## **subSubcategories**

**name:** Autoclaves

**code:** 13.03.01

**name:** Hot Air Sterilizers

**code:** 13.03.02

**name:** Medical Imaging

**code:** 13.04

## **subSubcategories**

**name:** X-Ray Machines

**code:** 13.04.01

**name:** Ultrasound Machines

**code:** 13.04.02

**name:** Electronics Manufacturing Equipment

**code:** 14

# **subcategories**

**name:** PCB Manufacturing

**code:** 14.01

## **subSubcategories**

**name:** PCB Drilling Machines

**code:** 14.01.01

**name:** PCB Etching Machines

**code:** 14.01.02

**name:** SMT Equipment

**code:** 14.02

## **subSubcategories**

**name:** Pick-and-Place Machines

**code:** 14.02.01

**name:** Reflow Ovens

**code:** 14.02.02

**name:** Solder Paste Printers

**code:** 14.02.03

**name:** Semiconductor Equipment

**code:** 14.03

## **subSubcategories**

**name:** Wafer Processing Systems

**code:** 14.03.01

**name:** Testing & Measurement Equipment

**code:** 14.03.02

**name:** Additive Manufacturing

**code:** 15

# **subcategories**

**name:** 3D Printers

**code:** 15.01

## **subSubcategories**

**name:** FDM Printers

**code:** 15.01.01

**name:** SLA Printers

**code:** 15.01.02

**name:** SLS Printers

**code:** 15.01.03

**name:** Laser Sintering Machines

**code:** 15.02

## **subSubcategories**

**name:** Automation & Robotics

**code:** 16

# **subcategories**

**name:** Industrial Robots

**code:** 16.01

## **subSubcategories**

**name:** Articulated Robots

**code:** 16.01.01

**name:** SCARA Robots

**code:** 16.01.02

**name:** Pick-and-Place Robots

**code:** 16.01.03

**name:** Control Systems

**code:** 16.02

## **subSubcategories**

**name:** PLCs

**code:** 16.02.01

**name:** Sensors

**code:** 16.02.02

**name:** HMIs

**code:** 16.02.03

**name:** Conveyor Automation

**code:** 16.03

## **subSubcategories**

**name:** Belt Conveyors

**code:** 16.03.01

**name:** Robotic Conveyors

**code:** 16.03.02

**name:** Office & Communication Technology

**code:** 17

# **subcategories**

**name:** Printing & Copying Equipment

**code:** 17.01

## **subSubcategories**

**name:** Laser Printers

**code:** 17.01.01

**name:** Inkjet Printers

**code:** 17.01.02

**name:** Multifunction Printers

**code:** 17.01.03

**name:** Copiers

**code:** 17.01.04

**name:** Scanners

**code:** 17.01.05

**name:** Communication Systems

**code:** 17.02

## **subSubcategories**

**name:** Telephone Systems

**code:** 17.02.01

**name:** VoIP Systems

**code:** 17.02.02

**name:** Fax Machines

**code:** 17.02.03

**name:** Computer Equipment

**code:** 17.03

## **subSubcategories**

**name:** Desktops

**code:** 17.03.01

**name:** Laptops

**code:** 17.03.02

**name:** Servers

**code:** 17.03.03

**name:** Networking Equipment

**code:** 17.03.04

**name:** Telecommunication Systems

**code:** 17.04

## **subSubcategories**

**name:** Routers

**code:** 17.04.01

**name:** Switches

**code:** 17.04.02

**name:** PBX Systems

**code:** 17.04.03

**name:** Satellite Communication Devices

**code:** 17.04.04

**name:** Office Furniture

**code:** 17.05

## **subSubcategories**

**name:** Desks

**code:** 17.05.01

**name:** Chairs

**code:** 17.05.02

**name:** Filing Cabinets

**code:** 17.05.03

**name:** Complete Production Lines

**code:** 18

# **subcategories**

**name:** Food & Beverage Lines

**code:** 18.01

## **subSubcategories**

**name:** Dairy Plants

**code:** 18.01.01

**name:** Breweries & Distilleries

**code:** 18.01.02

**name:** Bakery Lines

**code:** 18.01.03

**name:** Meat Processing Plants

**code:** 18.01.04

**name:** Pharmaceutical & Chemical Lines

**code:** 18.02

## **subSubcategories**

**name:** Pharma Production Lines

**code:** 18.02.01

**name:** Chemical Plants

**code:** 18.02.02

**name:** Fertilizer Plants

**code:** 18.02.03

**name:** Metal & Material Processing

**code:** 18.03

## **subSubcategories**

**name:** Steel Mills

**code:** 18.03.01

**name:** Aluminum Smelters

**code:** 18.03.02

**name:** Cement Plants

**code:** 18.03.03

**name:** Automotive & Aerospace

**code:** 18.04

## **subSubcategories**

**name:** Vehicle Assembly Lines

**code:** 18.04.01

**name:** Engine Manufacturing

**code:** 18.04.02

**name:** Aerospace Component Plants

**code:** 18.04.03

**name:** Textile & Apparel

**code:** 18.05

## **subSubcategories**

**name:** Spinning Mills

**code:** 18.05.01

**name:** Weaving & Knitting Plants

**code:** 18.05.02

**name:** Garment Factories

**code:** 18.05.03

**name:** Electronics & Appliances

**code:** 18.06

## **subSubcategories**

**name:** Semiconductor Plants

**code:** 18.06.01

**name:** Electronics Assembly Lines

**code:** 18.06.02

**name:** Plastic & Rubber

**code:** 18.07

## **subSubcategories**

**name:** Tire Manufacturing

**code:** 18.07.01

**name:** Plastic Packaging Lines

**code:** 18.07.02

**name:** Paper & Pulp

**code:** 18.08

## **subSubcategories**

**name:** Renewable Energy

**code:** 18.09

## **subSubcategories**

**name:** Biomass Power Plants

**code:** 18.09.01

**name:** Solar Panel Factories

**code:** 18.09.02

**name:** Other Production Lines

**code:** 18.10

## **subSubcategories**

**name:** Glass Factories

**code:** 18.10.01

**name:** Ceramic Factories

**code:** 18.10.02

**name:** Industrial Components & Spare Parts

**code:** 19

# **subcategories**

**name:** Motors & Drives

**code:** 19.01

## **subSubcategories**

**name:** AC Motors

**code:** 19.01.01

**name:** DC Motors

**code:** 19.01.02

**name:** Servo Motors

**code:** 19.01.03

**name:** Frequency Inverters

**code:** 19.01.04

**name:** Bearings & Mechanical Parts

**code:** 19.02

## **subSubcategories**

**name:** Ball Bearings

**code:** 19.02.01

**name:** Roller Bearings

**code:** 19.02.02

**name:** Linear Bearings

**code:** 19.02.03

**name:** Gearboxes

**code:** 19.02.04

**name:** Hydraulic & Pneumatic Components

**code:** 19.03

## **subSubcategories**

**name:** Pumps

**code:** 19.03.01

**name:** Valves

**code:** 19.03.02

**name:** Cylinders

**code:** 19.03.03

**name:** Compressors

**code:** 19.03.04

**name:** Electrical Components

**code:** 19.04

## **subSubcategories**

**name:** Switchgear

**code:** 19.04.01

**name:** Transformers

**code:** 19.04.02

**name:** Circuit Breakers

**code:** 19.04.03

**name:** Cables & Wires

**code:** 19.04.04

**name:** Automation Components

**code:** 19.05

## **subSubcategories**

**name:** PLCs

**code:** 19.05.01

**name:** Sensors

**code:** 19.05.02

**name:** HMIs

**code:** 19.05.03

**name:** Actuators

**code:** 19.05.04

**name:** Fasteners & Hardware

**code:** 19.06

## **subSubcategories**

**name:** Bolts & Screws

**code:** 19.06.01

**name:** Nuts & Washers

**code:** 19.06.02

**name:** Clamps & Couplings

**code:** 19.06.03

**name:** Surplus & Overstock

**code:** 19.07

## **subSubcategories**

**name:** Unused Spare Parts

**code:** 19.07.01

**name:** Overstock Items

**code:** 19.07.02

**name:** Liquidation Lots

**code:** 19.07.03

**name:** Automotive Workshop Equipment

**code:** 20

# **subcategories**

**name:** Vehicle Lifts

**code:** 20.01

## **subSubcategories**

**name:** Two-Post Lifts

**code:** 20.01.01

**name:** Four-Post Lifts

**code:** 20.01.02

**name:** Scissor Lifts

**code:** 20.01.03

**name:** Tire Service Equipment

**code:** 20.02

## **subSubcategories**

**name:** Tire Changers

**code:** 20.02.01

**name:** Wheel Balancers

**code:** 20.02.02

**name:** Alignment Machines

**code:** 20.02.03

**name:** Diagnostic Tools

**code:** 20.03

## **subSubcategories**

**name:** OBD Scanners

**code:** 20.03.01

**name:** Exhaust Gas Analyzers

**code:** 20.03.02

**name:** Engine Service Tools

**code:** 20.04

## **subSubcategories**

**name:** Engine Hoists

**code:** 20.04.01

**name:** Engine Stands

**code:** 20.04.02

**name:** Workshop Equipment

**code:** 20.05

## **subSubcategories**

**name:** Air Compressors

**code:** 20.05.01

**name:** Lubrication Equipment

**code:** 20.05.02

**name:** Wastewater Treatment Equipment

**code:** 21

# **subcategories**

**name:** Filtration Systems

**code:** 21.01

## **subSubcategories**

**name:** Membrane Filters

**code:** 21.01.01

**name:** Sand Filters

**code:** 21.01.02

**name:** Clarifiers & Sedimentation Tanks

**code:** 21.02

## **subSubcategories**

**name:** Aeration Systems

**code:** 21.03

## **subSubcategories**

**name:** Sludge Treatment

**code:** 21.04

## **subSubcategories**

**name:** Sludge Dewatering Systems

**code:** 21.04.01

**name:** Sludge Dryers

**code:** 21.04.02

**name:** Disinfection Systems

**code:** 21.05

## **subSubcategories**

**name:** UV Disinfection

**code:** 21.05.01

**name:** Chlorination Systems

**code:** 21.05.02

**name:** Mail Processing Equipment

**code:** 22

# **subcategories**

**name:** Sorting Machines

**code:** 22.01

## **subSubcategories**

**name:** Folding & Inserting Machines

**code:** 22.02

## **subSubcategories**

**name:** Franking Machines

**code:** 22.03

## **subSubcategories**

**name:** Addressing & Labeling Machines

**code:** 22.04

## **subSubcategories**

**name:** Mailroom Furniture & Accessories

**code:** 22.05

## **subSubcategories**

**name:** Surplus Inventory & Liquidations

**code:** 23

# **subcategories**

**name:** Surplus Machinery

**code:** 23.01

## **subSubcategories**

**name:** Liquidation Sales

**code:** 23.02

## **subSubcategories**

**name:** Plant Closures

**code:** 23.03

## **subSubcategories**

**name:** Used Parts & Components

**code:** 23.04

## **subSubcategories**

**name:** Other Machinery

**code:** 24

# **subcategories**

**name:** Miscellaneous

**code:** 24.01

## **subSubcategories**