[1 Design / Product Development](https://formnext.mesago.com/frankfurt/en/exhibitor-search/product_groups.html" \l "accordionCollapse-0071698740748)

1.1 Industrial Design  
1.2 Engineering and Part Design  
1.3 PLM- und CAD-Software  
1.4 Optimization Services  
1.5 Simulation  
1.6 Digitizing of components  
1.7 Intellectual property protection for technologies and software

#### [2 Materials](https://formnext.mesago.com/frankfurt/en/exhibitor-search/product_groups.html#accordionCollapse-599290643651)

2.1 Metals

2.1.1 Metal powders  
2.1.2 Wires  
2.1.3 Blocks, plates, rods  
2.1.4 Metal pastes  
2.1.5 Miscellaneous Metals

2.2 Polymers

2.2.1 Polymer powders  
2.2.2 Filaments  
2.2.3 Fluids  
2.2.4 Pellets  
2.2.5 Miscellaneous Polymers

2.3 Ceramics

2.3.1  Ceramic powders  
2.3.2 Ceramic pastes  
2.3.3 Miscellaneous Ceramics

2.4 Biomaterials  
2.5 Fibre-reinforced materials  
2.6 Additives, Binder, Agents  
2.7 Standard Parts  
2.8 Expendables  
2.9 Miscellaneous materials

#### [3 Manufacturing preparation/ Pre-Processing](https://formnext.mesago.com/frankfurt/en/exhibitor-search/product_groups.html#accordionCollapse-5171569824492)

3.1 Material analysis  
3.2 Material handling and storage  
3.3 Material logistics  
3.4 Protective devices for hazardous substances  
3.5 Personal protective equipment  
3.6 Cleaning devices  
3.7 Capacity planning software  
3.8 Material management software

#### [4 Solutions for additive manufacturing](https://formnext.mesago.com/frankfurt/en/exhibitor-search/product_groups.html#accordionCollapse-7941320798087)

4.1  Data preparation software and control software  
4.2  Powder Bed Fusion  
4.3  Directed Energy Deposition  
4.4  Material Extrusion  
4.5  Binder Jetting  
4.6  Material Jetting  
4.7  Photopolymerization  
4.8  Sheet Lamination  
4.9  Hybrid Manufacturing Cells  
4.10 Vacuum casting machines and investment casting machines  
4.11 Processing of fibre-reinforced materials  
4.12 Miscellaneous Systems and Machines

#### [5 Solutions for component processing](https://formnext.mesago.com/frankfurt/en/exhibitor-search/product_groups.html#accordionCollapse-3191024810349)

5.1  CAM-Software  
5.2  Process simulation  
5.3  Operation and production organization software (ERP, PPS, BDE,...)  
5.4  Milling, turning, grinding  
5.5  Sawing  
5.6  Electric discharge machining  
5.7  Laser material processing  
5.8  Water jet ablation  
5.9  Support removal  
5.10 Heat Treatment  
5.11 Solutions for automated production  
5.12 Cutting Tools and Accessories  
5.13 Optimization of Production Processes

#### [6 Solutions for surface treatment](https://formnext.mesago.com/frankfurt/en/exhibitor-search/product_groups.html#accordionCollapse-750883754401)

6.1 Blasting  
6.2 Honing, lapping, polishing  
6.3 Laser surface treatment  
6.4 (Electro) chemical ablation  
6.5 Coating, varnishing  
6.6 Dyeing  
6.7 Workpiece cleaning

#### [7 Quality Management / Metrology](https://formnext.mesago.com/frankfurt/en/exhibitor-search/product_groups.html#accordionCollapse-6481335816133)

7.1 Quality assurance software  
7.2 Component and process qualification  
7.3 Measurement and analysis software  
7.4 3D metrology  
7.5 Production metrology  
7.6 Surface metrology  
7.7 Process monitoring  
7.8 Sensors and actuators  
7.9 Miscellaneous Metrology

#### [8 Digitization / Services / Tool and Die Making](https://formnext.mesago.com/frankfurt/en/exhibitor-search/product_groups.html#accordionCollapse-1951309466650)

8.1  Digitization and Software  
8.2  Industrial Tool and Die Making  
8.3  Engineering  
8.4  Production of components and assemblies  
8.5  Pattern Making  
8.6  Prototyping  
8.7  Gauge- and Fixture Manufacturing  
8.8  Try-out and component testing  
8.9  Miscellaneous production technologies  
8.10 Data and IT security, protection of intellectual property

[9 Training and Consulting](https://formnext.mesago.com/frankfurt/en/exhibitor-search/product_groups.html#accordionCollapse-028803224982)

[10 Research and Development (R&D)](https://formnext.mesago.com/frankfurt/en/exhibitor-search/product_groups.html#accordionCollapse-851559945294)

#### [11 Organizations and Publishing Companies](https://formnext.mesago.com/frankfurt/en/exhibitor-search/product_groups.html#accordionCollapse-2201813354838)

11.1 Organizations

11.2 Publishing companies