

## Druseidt公司介绍

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druseidt production processes and service offers in the range of metal working/manufacturing of energy distribution and customized components  
druseidt 提供专业金属能源传输零部件的定制生产及相关服务

### 1. Punching/stamping/nibbling

#### 1.冲孔/冲压/咬边

- Automatically production lines for busbars and copper- and aluminium components from 15 x 3 mm up to 200 x 15 mm according to the examples in our product-information 01/2008 page 12
- 自动生产线车间生产飞巴的铜-铝零部件系列, 规格从 15×3mm 到 200×15mm 其相关参数自于我们产品资料 01/2008 第 12 页例子

### 2. Bending

#### 2.弯曲

- Automatically production lines for bended busbars out of copper and aluminium up to 200x20 mm according to the examples in our product-information 01/2008 page 13
- 自动生产车间可以弯曲由铜制和铝制的飞巴。尺寸规格可达到 200 x 20 mm, 其相关参照源于我们产品资料 01/2008 第 13 页例子
- Bending of copper- and aluminium components in a width > 200 mm and a thickness > 20 mm in dependence of the component geometry
- 弯曲铜和铝构件的宽度>200mm 和厚度>20mm 的弯曲, 取决于构件的几何形状
- Bending of thin components from 1 mm up to 3 mm thickness out of copper or bimetallic sheets in small series in dependence of the component geometry (according to the examples in our product information 01/2008 page 14)
- 根据零件几何形状, 用小系列的铜或双金属板弯曲厚度从 1mm 到 3mm 的薄零件(根据我们产品信息 01/2008 第 14 页中的例子)
- Automatically product line for bending copper tubes up to a outer diameter of 70 mm
- 自动将铜管弯曲至外径 70 毫米的生产线
- Bending of copper tubes with a outer diameter > 70 mm in dependence of the tube geometry
- 铜管的外径大于 70 毫米的管形弯曲要视乎管子的几何图形

- Bending of profiles or rolling of bars in dependence of the component geometry
- 根据构件几何形状对型材表面的轧制或弯曲

### 3. Milling/drilling

#### 3. 铣削/钻削

- Simply drilling operations on hand operated as well as automatically driven drilling-machines
- 手动操作和自动驱动钻机的简易钻井作业
  
- Milling operations on 3-axis or 5-axis CNC universal milling machines for components up to 600 x 850 mm and a weight of 1000 kg according to the examples in our product information 01/2008 page 17
- 根据我们的产品信息 01/2008 第 17 页中的例子，在三轴或五轴数控万能铣床上铣削 600x 850 mm 和 1000kg 重量的部件
  
- Milling operations on CNC gantry machines for plates up to 2600 x 700 mm and a weight of 2000 kg
- 在 2600 公斤×700 毫米和 2000 公斤重的板材上的数控龙门铣床上的铣削操作
  
- Milling operations on CNC universal machining machines with pallet changer in dependence of the component geometry
- 在带托盘更换器的通用数控机床上对各种几何结构的部件进行铣削操作

### 4. Turning machines

#### 4. 车床

- Fully automatically up to a turning diameter of 100 mm according to the examples in our product information 01/2008 page 17
- 根据我们的产品信息 01 / 2008 页 17 中的例子，全自动达到 100 毫米的车削直径。
  
- Clamped in a collet chuck up to a turning diameter of 300 mm. Bigger turning diameters are possible when paying tool costs for collet chucks etc.
- 夹持在夹头上，直到车削直径为 300 毫米。较大的车削直径是可以做到的，但需要支付模具等成本费。

### 5. Welding/soldering

#### 5. 熔焊/锡焊

- Press- and diffusion welding for strip connectors according to our catalogue 2 pages 53-55

根据我们的目录 2 页 53-55 对带状连接器的压焊和扩散焊接

-WIG/MIG/MAG-welding of copper-, aluminium- and stainless steel parts according to the examples in our product information 01/2008 page 16 and catalogue 2 pages 56-57 up to a thickness of ca. 40 mm

-根据我们的产品信息 01/2008 页 16 和目录 2 页 56-57 中的例子，对铜、铝和不锈钢零件进行 WIG/MIG/MAG 焊接，焊接厚度大约为 40 毫米

-EB-welding for different components also with a thickness > 100 mm

-EB 焊接厚度也大于 100 毫米不同部件

-Hard-soldering of high current components

-高电流部件的硬钎焊

-Soft soldering of components

-软钎焊元件

## 6. Press-rioveting

### 6.压力机铆接

-Press-rioveting of strip-connectors and similar components according to the examples in our catalogue no. 2 page 38 or according to clients wishes

-根据我们的第 2 页第 38 页的目录或根据客户的意愿压紧带状连接器和类似元件。

## 7. Pressing/deforming

### 7.压制/变形

-Compressing of copper conductors made out of braids or nonferrous metal components on hydraulic as well as eccentrically squeezing machines up to a press capacity of 800 tons

-用液压或偏心压榨机压制的铜芯或有色金属部件制成的铜导线，压力机容量为 800 吨

## 8. Stranding/braiding

### 8.绞合/编织

-Manufacturing of highly flexible round stranded and braided cables and leadings out of copper-, aluminium- and stainless-steel wires in standard design according to our catalogue 2 or according to clients wishes

-根据我们的产品目录 2 或根据客户的意愿生产高柔性的圆股和编织电缆，生产标准设计的铜、铝和不锈钢线。

- Manufacturing of tubular braids for covering and shielding in standard design according to our catalogue 2 page 13 or according to clients wishes
- 根据我们的目录第 2 页 13 或根据客户的要求制造标准设计的管状编织物，用于覆盖和屏蔽

## 9. Extruding 9. 挤压成形

- Extruding of flexible and highly flexible leadings with PVC, silicone and TPE-U material according to our catalogue 2
- 根据我们的目录 2，用 PVC、有机硅和 TPE-U 材料挤压柔性和高柔性引线。
- Extruding of flexible supple bars according to our catalogue 2
- 根据我们的产品目录 2 柔性柔性杆的挤压

## 10. Manufacturing of water cooled high current components 10. 水冷大电流元件的制造

- Water cooled cables according to our catalogue 2 pages 41-49 or according to client wishes
- 水冷电缆根据我们的目录 2 页 41-49 或根据客户的意愿
- Water cooled high current tubes coordinated with the application
- 按实际应用要求生产大电流水冷管
- Water cooled busbars
- 水冷飞巴
- Water cooled components in any kind of construction consisting out of plates, bars or copper blocks, also in combination with flexible expansion parts.
- 由板、棒或铜块构成的任何类型的水冷部件，也与柔性膨胀部件相结合。

## 11. Designing/engineering 11. 设计/工程

- Technical support in case of designing high current components and solutions up to the engineering of complete high current systems
- 设计高电流部件的技术支持和解决完全大电流系统工程的技术支持
- Presentation of the solutions in the form of drawings as well as 3-D-models
- 以图形和 3-D 模型的形式呈现解决方案

- Designing of customized products and solutions for use-oriented components in special design
- 特殊设计中使用的定制产品和解决方案的设计

## 12. Other services

### 12. 其他服务

- Customer monitoring starting with the designing of the solution/product, manufacturing of samples up to the point of serial-production
- 客户监测，从溶液/产品的设计、样品制造直至串行生产开始
- Organizing and realization of tests and measurements inside of the druseidt company as well as in cooperation with independent testing institutes when complex and extensive tests are necessary
- 在需要复杂和广泛的测试时，在 druseidt 公司内部以及与独立测试机构合作组织和实现测试和测量
- Realization of logistic conceptions in cooperation with the customers
- 实现与客户合作的物流理念

## 13. Quality control facilities

### 13. 质量控制设施

- normal and 3D measurement of geometry shapes
- 对各种几何形状的常规和三维测量
- testing of chemical material composition through X-ray
- 用 X 射线检验化学物质成分
- hardness testing
- 硬度试验
- tensile test
- 拉伸试验
- generating of grinding surface pattern
- 磨削表面图形的生成
- microscopy, analyzing of structural examinations and grinding surface pattern
- 显微结构分析与磨削表面形貌分析

Paul Druseidt Elektrotechnische  
Spezialfabrik GmbH & Co. KG  
Postfach 10 02 25  
42802 Remscheid, Germany  
Telefon: +49 (2191) 93 52-0  
Telefax: +49 (2191) 93 52-150  
E-Mail: [info@druseidt.de](mailto:info@druseidt.de)

Tor I : Neuenkamper Straße 105  
Tor II : Lemmer Straße 131  
Tor III: Karl-Kathlöhfer-Straße 9  
42855 Remscheid, Germany  
USt-ID-Nr.: DE158578018  
Steuer-Nr.: 126/5845/0059  
Internet: [www.druseidt.de](http://www.druseidt.de)

Kommanditgesellschaft, Sitz Remscheid,  
Amtsgericht Wuppertal, HRA 17748  
Persönlich haftende Gesellschafterin:  
Abrahams Verwaltungs-GmbH, Sitz Remscheid,  
Amtsgericht Wuppertal, HRB 11668 und  
Rabea Abrahams, Remscheid  
Geschäftsführer:  
Oliver Abrahams

Commerzbank Remscheid  
BIC: DRESDEFF340  
IBAN: DE22340800310668099900  
Postbank Köln:  
BIC: PBNKDEFF  
IBAN: DE35370100500005964504

Deutsche Bank Remscheid:  
BIC: DEUTDEW340  
IBAN: DE48340700930611055500  
Volksbank Remscheid:  
BIC: VBRSD33XXX  
IBAN: DE72340600940000551234

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- testing of electric conductivity
  - 电导率测试
  
  - measurement of electrical resistance
  - 电阻测量
  
  - pressure tests for water cooled cables
  - 水冷电缆的压力试验