



# Butz Fluid

## 巴茨液压科技




- Established in 2002  
成立于2002年
- Headquarter in Woodside, NY, USA  
总部位于 Woodside, NY, USA
- 25000 m<sup>2</sup>
- 120 Employees
- 2022 Sales: \$62M
- Sales offices & Manufacturers in USA, Germany and China  
销售和工厂：美国、德国和中国
- Two business divisions: Processing Technology & Connection Technology  
两大业务分部：加工技术及连接技术
- Entered China via distributor in 2010  
2010年通过代理商进入中国市场
- Established China company in 2015  
2015年成立中国公司



**Butz China**  
巴茨中国

**LUTZ**

- 2010-2015, A distributor in China  
2010-2015年，代理商开展业务
- Chinese branch established in 2015 中国公司成立于2015年
- Plant in Changzhou, Jiangsu  
生产工厂位于江苏常州
- 3000 m<sup>2</sup>
- Fittings workshop & Assembly workshop for equipments.  
接头生产车间和设备组装车间



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**Business Divisions**  
业务分部

**LUTZ**

**Processing Technology**  
加工技术

**Connection Technology**  
连接技术



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## Processing Technology 加工技术

**LUTZ**

- Cutting 切割
  - Deburring 去毛刺
  - Cleaning 清洁
  - Bending 弯管
  - Cutting Ring Pre-assembly 卡套预装
  - Flaring 扩口
  - Forming 成型
- 
- Automatical, Semi-automatical, Manual  
自动, 全自动, 手动
  - Single function, Multiple functions, Combination as request  
单功能, 多功能, 按需求组合定制
  - Customized dies as request  
选需求定制模具



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## Forming Machine 成型机

**LUTZ**


- Wheels design, easy to move 配备万向轮移动方便
- Tube OD 6-42mm 适用于钢管外径 6-42mm
- Easy to Use 简单易用
- Automatic clamping and forming 自动夹紧成型
- Easy to change clamps and dies, special changing tools are provided 夹具及模具更换方便, 配有专门的更换工具
- EO2FORM & WALFORM
- Unexceptionable sealing and high strength connection performance 极好的密封面和高强度连接能力
- Compatible to all metric size tubes 适用于公制液压钢管
- Provides racks for tools storage 提供工具存放空间
- Universal voltage 全球通用电压

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# Flaring Machine 旋压扩口机

**LUTZ**


- Tube OD 6-170mm 适用于钢管外径 6-170mm
- 37° and 90°, special angle on request 可加工37°和90°，特殊角度可定制
- Optimized design, capacity to continuous operation 经过设计优化，可以不间断开机工作（没有加工数量和时间的限制）
- Adjustable flow and pressure on request 流量和压力可根据要求调节
- Die casting base and aging treatment, high strength to avoid deformation 全铸铁机身并做时效处理，强度高，不会变形
- Non welding structure, oil cylinder is easy to be dismantled and repaired 油缸安装非焊接结构，方便拆卸和维修
- Provides racks for tools storage 提供工具存放空间
- Adjustable tube inserting gauge 配备调节钢管安插深度装置
- Universal voltage 全球通用电压

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# Pipe Processing Center 多功能钢管加工中心

**LUTZ**

钢管加工中心(SPC642) Steel pipe processing center



- Combination of bending, deburring, cutting ring preassembly and flaring 集合弯管、去毛刺、卡套预装和扩口功能
- Compact size, wheels design, easy to move 外形紧凑，配备万向轮移动方便
- Tube OD 6-42mm 适用于钢管外径 6-42mm
- Quickly to change dies, changeable winghead 快速换模具，靠模可更换
- Adjustable bending angle scale lever with limited switch 弯管角度设定限位刻度杆
- Optional portable tools carrier 选配便携可挂式模具收纳盒
- Minimum bending radius (2XD) and deformation rate (easy to pass through cutting ring) 业内最小的弯曲半径 (2倍管外径) 和变形量 (卡套可轻松穿过)
- Easy to maintenance 机器保养方便
- Capable for all DIN standard cutting ring preassembly 通用所有DIN标准卡套预装
- Universal voltage 全球通用电压

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## Others 其它

# BUTZ



**Cutting Ring Preassembly  
& Flaring Machine**  
电动卡套预装+扩口机



**Cutting Ring Preassembly  
Machine**  
电动卡套预装机



**Manual Cutting Ring  
Preassembly Machine**  
手动卡套预装机



**Manual Flaring Machine**  
手动扩口机

- Tube OD 6-42mm 适用于钢管外径 6-42mm
- Easy to use, high efficiency 操作方便简单省力，效率高
- Compact size, light weight 尺寸小、重量轻
- Portable manual machines, easy to move and suitable for onsite processing with no power supply 手动卡套预装机和扩口机带轮子，可以随意移动，更适合没有电源的现场加工。

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## Onsite Shows 现场使用情况

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## Connection Technology 连接技术

**BUTZ**

- Cutting Ring Fitting 卡套接头
- Quick Coupling Fitting 快换接头
- Flange 法兰
- Hose & Hose Fitting 胶管及接头
- Retention Chain 胶管防脱链
- Test Fitting 测试接头
- Non-return Valve 单向阀
- Rotating Valve 旋转接头
- Ball Valve 球阀
- Industrial Hose 工业管
- Instrumentation Fitting 仪表接头
- Pneumatics Fitting 气动接头
- Hydraulic Accessories 液压附件



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## Connection Technology 连接技术

**BUTZ**

### Hydraulic System 液压系统应用

1SN, 2SN Hydraulic Hose  
液压软管



- Hose size 软管尺寸: 1/4"-2"
- Working pressure 工作压力: 4.0MPa-22.5MPa
- Working temperature 工作温度: -40℃~+100℃

Hose Fitting, Cutting Ring Fitting  
软管接头, 卡套接头



- Various types of connection 多种连接形式
- Full sizes 全尺寸规格
- Optional materials 多种材质

Forming  
管端成型



- Tube Size 钢管规格: 6-42mm
- Convenience of installation and maintenance 安装维修方便快捷
- Reliable connection 连接可靠
- Resistant to vibration and impact 抗振动, 耐冲击

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## Connection Technology 连接技术

**LUTZ**

### Hydraulic System 液压系统应用

#### Non-return valve

#### 单向阀

- 24° cone end / 24° cone end 管-管 24°锥
- 24° cone end / Male BSPP thread – ED-seal (ISO 1179)  
管24°锥 / BSPP外螺纹 ED密封
- Male BSPP thread – ED-seal (ISO 1179) / 24° cone end  
BSPP外螺纹 ED密封 / 管24°锥
- Size 尺寸: 1/8"-1 1/2"
- ZNNI plated 锌镍镀层
- Working pressure 工作压力: Max. 42MPa
- Working temperature 工作温度: -30 °C +100 °C



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## Connection Technology 连接技术

**LUTZ**

### Hydraulic System 液压系统应用

#### Rotating fitting

#### 旋转接头

- 24° cone end / 24° cone end 管-管 24°锥
- Male BSPP thread – ED-seal / 24° cone end (ISO 1179)  
BSPP外螺纹 ED密封 / 管24°锥
- Male metric thread – ED-seal (ISO 9974) / 24° cone end  
公制外螺纹 ED密封 / 管24°锥
- Size 尺寸: OD06S-38S/DN 04-26, 1/8"-1 1/2"
- ZNNI plated 锌镍镀层
- Working pressure 工作压力: Max. 42MPa
- Working temperature 工作温度: -40 °C +95 °C



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## Connection Technology 连接技术

**BUTZ**

### Hydraulic System 液压系统应用

#### Retention chain

#### 胶管防脱链

- CE conformity 符合CE规范
- Suitable for connectors, flanges and many other applications 适用于接头、法兰等多种使用形式
- Optimized chains and plates be verified by ultimate tensile force test to ensure safety 钢丝绳及所有连接板均经过优化设计，并经过极限拉力检测验证，确保使用安全
- Available for varieties of specifications 多种规格选择
- Different specifications according to the actual use of hoses 根据胶管实际使用情况设定不同规格
- Fewer sizes, easy selection 规格更少，选型更方便
- One single specification covers more hose sizes, with higher fault tolerance for selection and actual use, more flexibility in on-site adjustment 单个规格覆盖胶管尺寸更多，选型和实际使用容错率更高，现场使用调整更灵活
- More suitable for where the actual size changes greatly such as when the actual size is larger due to hose protective covers 更适用于使用护套等实际尺寸变化较大的情况
- Equipped with locknut for higher safety 配防松螺母，安全性更高



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## Connection Technology 连接技术

**BUTZ**

### Cooling System 冷却系统应用

#### EPDM Hose & Fitting EPDM软管和接头



- Hose Size 软管尺寸: 3/8"-2"
- Working Pressure 工作压力: 15 bar
- Working Temperature 工作温度: -30 °C至+160 °C
- Optional colors of black, red, blue 黑色, 红色, 蓝色等多种颜色可选



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## Connection Technology 连接技术

**LUTZ**

### Hot Runner System 热流道系统应用

#### Teflon Hose & Fitting 特氟龙管及接头



- Hose Size 软管尺寸: 1/8"-1 1/8"
- Working Pressure 工作压力: 4.0MPa-27.5MPa
- Working temperature 工作温度:-60℃-+260℃



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## Onsite Shows 现场使用情况

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## Industry Sectors 应用行业

**LUTZ**


**Aerospace**  
航空航天



**Ocean Engineering**  
海洋工程



**Shipbuilding**  
船舶



**Engineering Machinery**  
工程机械



**Rail**  
轨道交通



**Machine Tool**  
机床



**Power Generation**  
发电



**Rubber & Plastics Machinery**  
橡塑机械

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## Our Customers 合作的客户

**LUTZ**


国家电网  
STATE GRID



Member of the ANDRITZ GROUP



中国船舶工业集团公司



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# Success, Together!