附件2：钣金制作技术装备汇总信息表

Annex 2: Summary Table of Metal Fabricating Technology and Equipment Information

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| **注：各企业根据表格中“产品分类”进行填写各企业可生产且已在市场上推广使用的产品，请详细填写“产品名称”“主要规格”及“市场保有量”，此表格仅作为“中国锻压协会”出版的2020采购指南的依据，对企业填写信息仅作为分类准备，本表格不对外发布。另企业可根据自身产品情况对此表格进行增列处理，请勿删减原表格。**  **Note: According to the "product category" in the form any company could fill in the products， which can be produced by itself and have been promoted and used in the marketplace. Please fill in the "product name", "product specifications" and "market holdings" in detail. This form is only used as the basis of the 2020 Buyers Guide published by the CCMI, all the information filled in this form is used only for the preparation of products classification and prohibited from publishing. In addition, companies can add to this form according to their own products requirement, but do not delete any information in the original form.** | | | | |
| **技术装备Technology & equipment** | **产品分类**  **Product category** | **产品名称**  **Product name** | **主要规格**  **Main specifications** | **市场保有量**  **（台数）**  **Market holdings (sets)** |
| 剪板机  Shearing machine | 数控剪板机  CNC shearing machine |  |  |  |
| 剪板机  Shearing machine |  |  |  |
| 数控冲床  CNC punching press | 机械伺服冲床  Mechanical servo punching press |  |  |  |
| 液压伺服冲床  Hydraulic servo punching press |  |  |  |
| 联合冲剪机  Ironworker |  |  |  |
| 切割机  Cutting machine | 二维光纤激光切割机  2D fiber laser cutting machine |  |  |  |
| 三维光纤激光切割机  3D fiber laser cutting machine |  |  |  |
| 激光落料设备  Laser blanking line |  |  |  |
| 二氧化碳激光切割机  CO2 laser cutting machine |  |  |  |
| 数冲-激光切割复合机  Punching-laser cutting combined machine |  |  |  |
| 激光切管机  Tube laser cutting machine |  |  |  |
| 等离子切割机  Plasma cutting machine |  |  |  |
| 火焰切割机  Flame cutting machine |  |  |  |
| 水刀切割机  Water-jet cutting machine |  |  |  |
| 折弯机  Press brake | 机械伺服折弯机  Mechanical servo press brake |  |  |  |
| 液压伺服折弯机  Hydraulic servo press brake |  |  |  |
| 电液混动折弯机  Hybrid press brake |  |  |  |
| 大型折弯机  Heavy-duty press brake |  |  |  |
| 折边机  Folding machine | 折边机  Folding machine |  |  |  |
| 自动化  设备  Automation  equipment | 自动立体仓库  Automated warehouse |  |  |  |
| 全自动切割中心（单元）  Fully automated cutting unit (cell) |  |  |  |
| 全自动冲裁中心（单元）  Fully automatic punching unit (cell) |  |  |  |
| 全自动折弯中心（单元）  Fully automatic bending unit (cell) |  |  |  |
| 自动化焊接中心（单元）  Automatic welding unit (cell) |  |  |  |
| 柔性钣金加工中心  Flexible sheet metal processing unit |  |  |  |
| 上料机器人  Loading robot |  |  |  |
| 传送机器人  Handling robot |  |  |  |
| 其他自动化设备  Other automation  equipment |  |  |  |
| 信息化  设备  Information  equipment | CAD、CAE、CAM |  |  |  |
| 信息化管理软件  Information  Management software |  |  |  |
| 信息化钣金车间建设  Information fabrication workshop |  |  |  |
| 模拟软件  Simulation & software |  |  |  |
| ERP |  |  |  |
| 辅助  设备  Auxiliary equipment | 去毛刺设备  Deburring equipment |  |  |  |
| 工件校平设备  Workpiece leveling equipment |  |  |  |
| 压铆设备  Riveting equipment |  |  |  |
| 喷涂设备  Coating facilities |  |  |  |
| 刨槽机  Slotting machine |  |  |  |
| 检测设备  Inspecting equipment |  |  |  |
| 点胶设备  Dispensing machine |  |  |  |
| 拉丝设备  Finishing machine |  |  |  |
| 润滑设备  lubricating equipment |  |  |  |
| 旋压设备  Spinning machine |  |  |  |
| 表面处理设备  Surface treatment machine |  |  |  |
| 安全防护设备  Safety protection device |  |  |  |
| 废料排出装置  Scrap discharging device |  |  |  |
| 仓储设备  Warehousing facilities |  |  |  |
| AGV |  |  |  |
| 冷弯设备  Rollforming equipment |  |  |  |
| 其它  Others |  |  |  |
| 卷板机  Plate bending machine | 三辊卷板机  3-roll plate bending machine |  |  |  |
| 四辊卷板机  4-roll plate bending machine |  |  |  |
| 管材成形设备  Tube/pipe forming | 全电动弯管机  All-electric tube bender |  |  |  |
| 电液混动弯管机  Hybrid tube bender |  |  |  |
| 液压弯管机  Hydraulic tube bender |  |  |  |
| 双头弯管机  Double-head tube bender |  |  |  |
| 管端成形机  Tube-end forming machine |  |  |  |
| 线材成形  Wire forming | 线材弯曲机  Wire bending machine |  |  |  |
| 弹簧成形机  Spring coiling machine |  |  |  |
| 型材加工机  Profile/section processing | 型材弯曲机  Section bending machine |  |  |  |
| 型材冲剪生产线  Section punching/shearing line |  |  |  |
| 其它技术装  备  Other technology |  |  |  |  |

备注：请选择可提供的技术装备相应项目填写，如果有未列出技术装备产品可在“其他技术装备”一栏填写。

Note: Please select the available technical equipment and fill in the corresponding items. If there are no technology and equipment listed, you can fill in the "other technology " column.