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

|  |
| --- |
| **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Automationequipment | 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 automationequipment |  |  |  |
| 信息化设备Informationequipment | CAD、CAE、CAM |  |  |  |
| 信息化管理软件InformationManagement 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.