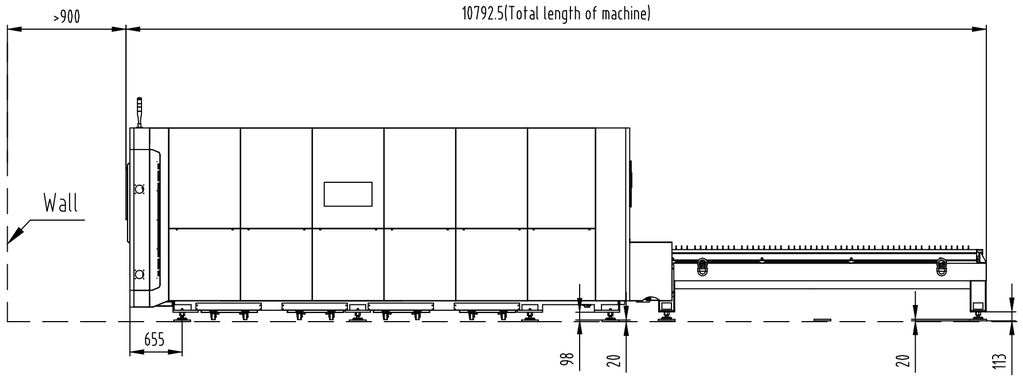
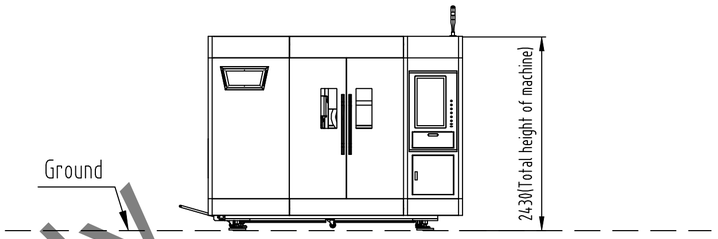
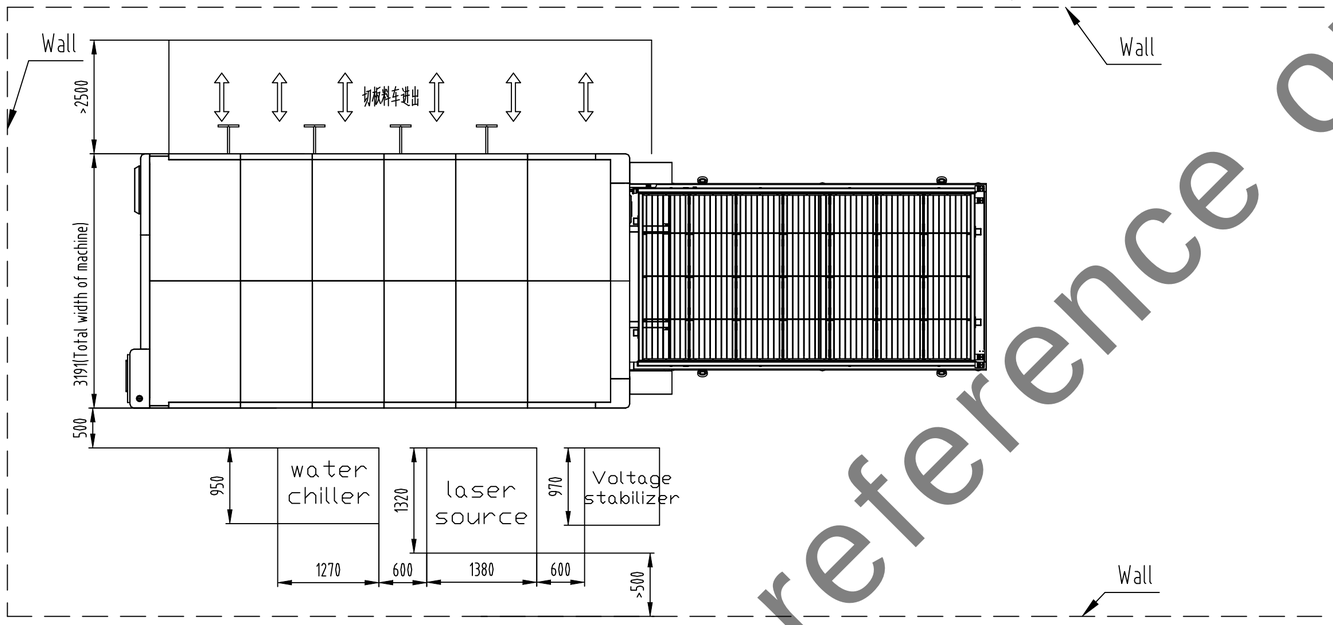
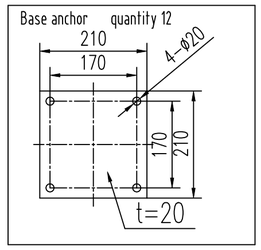
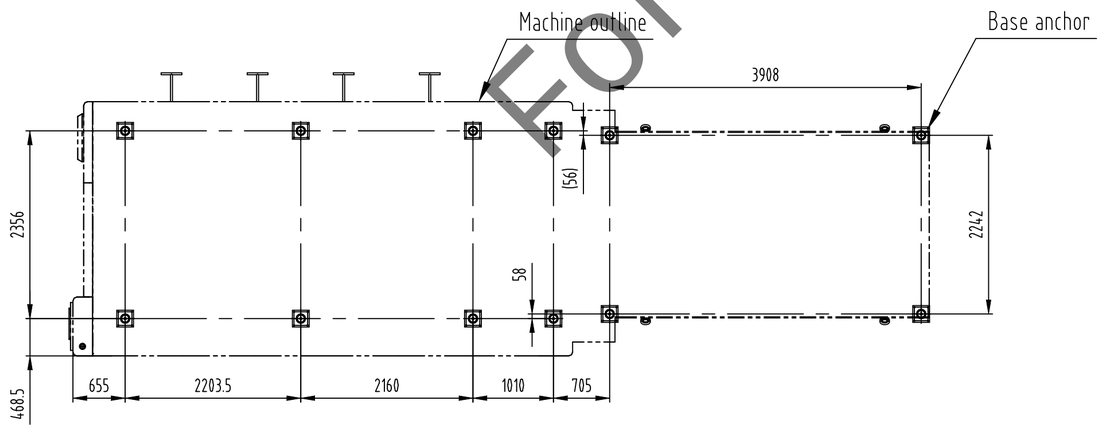
SF4020H4.10B




## Laser cutting machine installation instructions

1. 12 pieces of base anchors are needed.
2. The base anchors are fixed on the concrete floor with expansion bolts.
3. After the machine is leveled, spot weld the stud of machine bed at the proper position on the base anchors to fix the bed.
4. In principle, it is required to pour 500x500x400 cement column under the base anchors, and then fix the base anchor on the cement column. If the customer's floor is hard enough and can bear a load of about 5 tons per square meter, the base anchors can also be directly fixed on the cement floor.
5. Grounding requirements of electrical system: steel pipe with diameter of 40mm ~ 50mm, wall thickness of 3mm or 4 #~5 # angle steel with length of 2.5m and tip driven into the ground for 3M. There are more than 2 grounding bodies in each group. If the local soil resistivity is too high, multiple grounding bodies should be appropriately lengthened. The grounding bodies can be arranged in a straight line or ring. The distance between the two grounding bodies is 3m ~ 5m, and the top end is welded with flat steel or round steel. The welding of grounding body should be firm, with more welding edges as much as possible, and attention should be paid to anti-corrosion. It is better to use galvanized parts for buried parts.
6. All floor boards, expansion bolts, flat pads, spring pads and nuts are provided by customers.
7. The dimensions of electric control cabinet, laser source, water cooler, stabilizer and other accessories shall be subject to the real object.

Installation materials (prepared by the customer)

| Name | Specification | Quantity | Remark |
|---|---|---|---|
| Base anchor | 210×210×20 | 12 | |
| Expansion bolt | M16×250 | 48 | |

| Mark | Num | ChangeFileNum | Signature | Date |
|---|---|---|---|---|
| Design | | | | |
| Check | | | | |
| Audit | | | | |
| | | | Date | 2024/8/22 |

Foundation Drawing

Stage Marker | Weight | Proportion 1:50

Total | No. Of

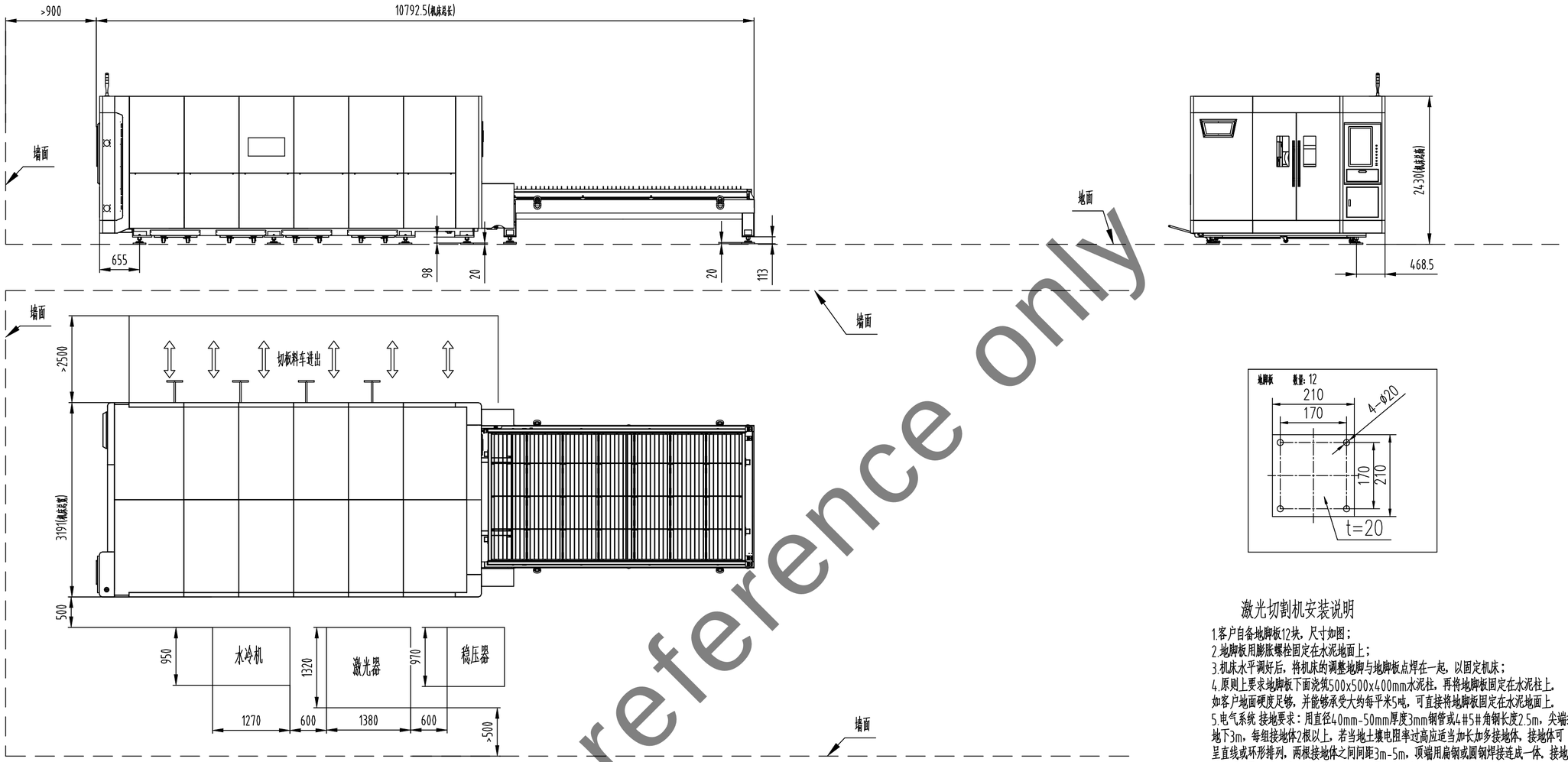
SENFENG LASER

Foundation Drawing

SF4020H4.10B

For reference only

SF4020H4.10B

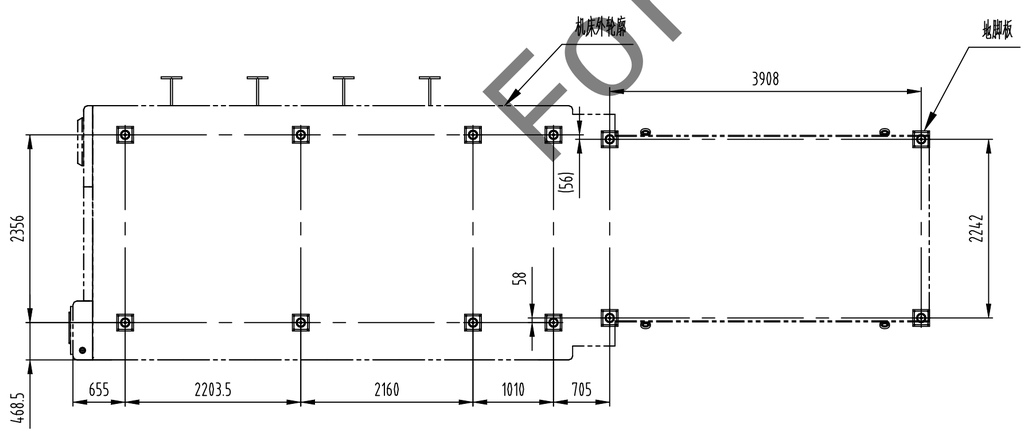






## 激光切割机安装说明

1.客户自备地脚板12块，尺寸如图；
2.地脚板用膨胀螺栓固定在水泥地面上；
3.机床水平调好后，将机床的调整地脚与地脚板点焊在一起，以固定机床；
4.原则上要求地脚板下面浇筑500x500x400mm水泥柱，再将地脚板固定在水泥柱上。
如客户地面硬度足够，并能够承受大约每平米5吨，可直接将地脚板固定在水泥地面上。
5.电气系统 接地要求：用直径40mm-50mm厚度3mm钢管或4#5#角钢长度2.5m，尖端打入地下3m，每组接地体2根以上，若当地土壤电阻率过高应适当加长加多接地体，接地体可呈直线或环形排列，两根接地体之间间距3m-5m，顶端用扁钢或圆钢焊接连成一体，接地体的焊接要牢固，焊接边尽可能多一些，要注意防腐蚀，埋地部分最后用镀锌件；
6.所用地脚板、膨胀螺栓、平垫、弹垫及螺母，均属客户自备；
7.电控柜、激光器、水冷机及风机等配件尺寸以实物为准。




| 安装用材料（客户自备） | | | |
|---|---|---|---|
| 名称 | 规格 | 数量 | 备注 |
| 地脚板 | 210×210×20 | 12 | |
| 膨胀螺栓 | M16×250 | 48 | |

| 借通用件登记 |
|---|
| |
| 描 图 |
| |
| 校 描 |
| |
| 旧底图总号 |
| |
| 签 字 |
| |
| 日 期 |

| 标记 | 处数 | 更改文件号 | 签字 | 日期 | 地基图 | | | 济南森峰激光科技股份有限公司 |
|---|---|---|---|---|---|---|---|---|
| 设计 | | | | | 图样标记 | 单量 | 比例 | 地基图 |
| 校对 | | | | | | | 1:50 | SF4020H4.10B |
| 审核 | | | | | | | | |
| | | | 日期 | 2024/9/6 | 共 页 | | 第 页 | |

For reference only