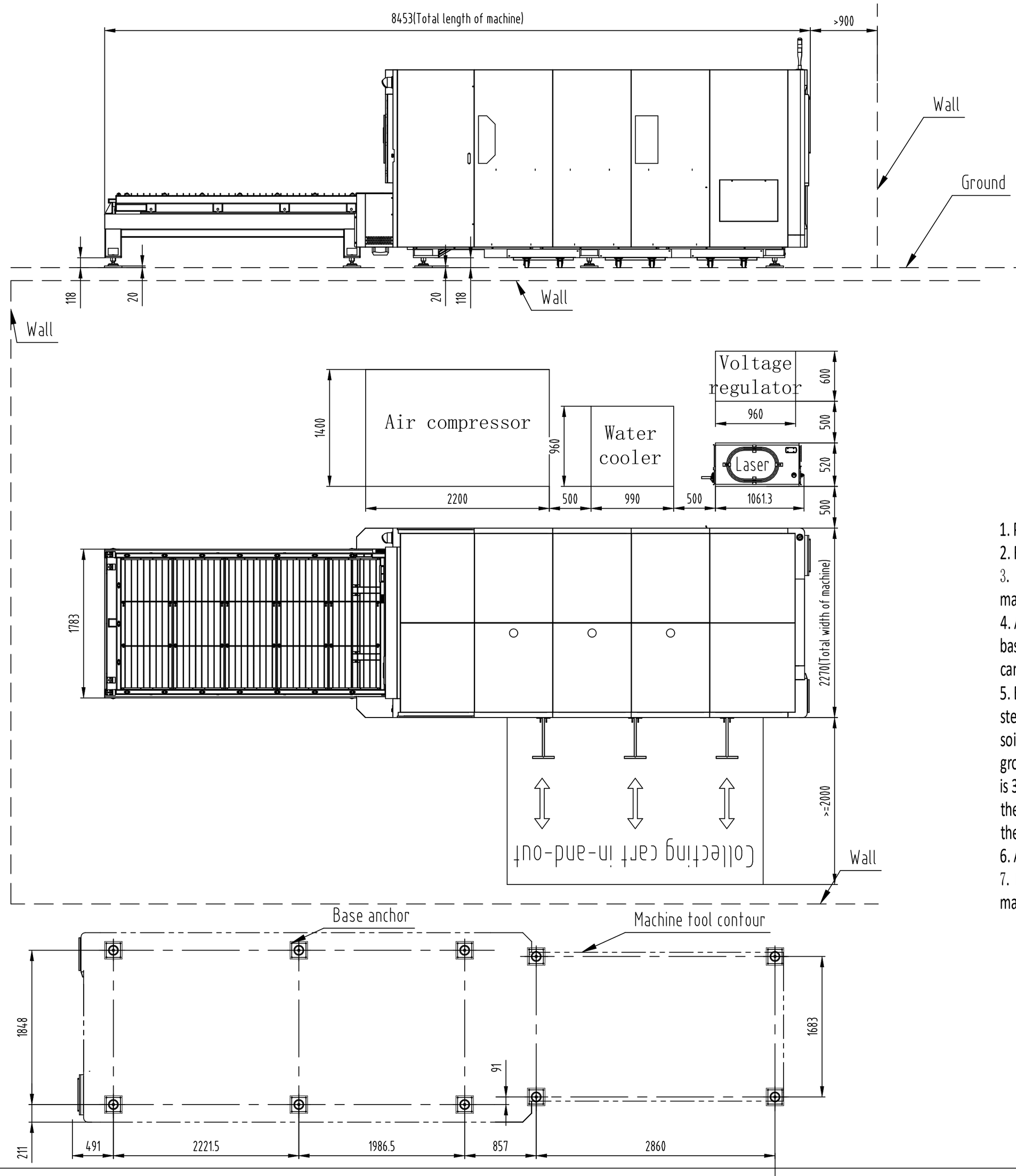

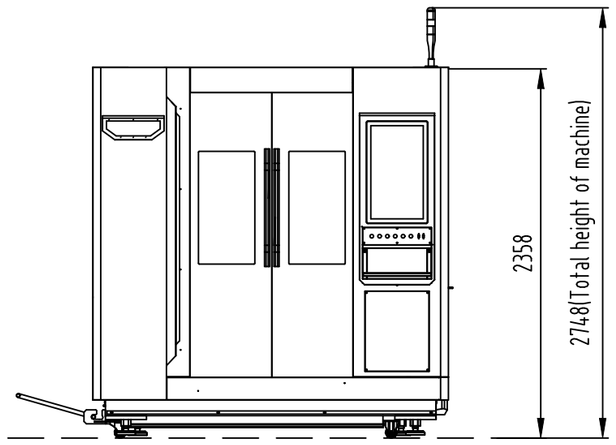

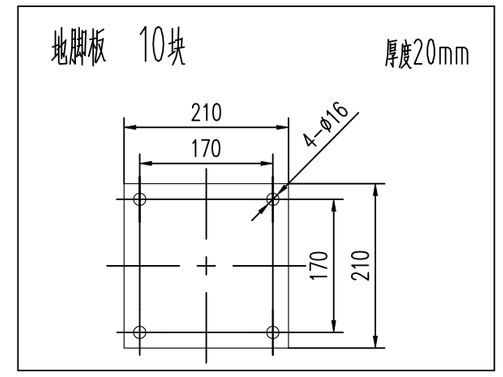

Laser cutting machine installation instructions

1. Prepare the base anchors, as shown above:
2. Fix It on the cement floor with expansion bolts.
3. After adjusting the level, in order to fix the machine tool, it is necessary to connect the adjusted foot of the machine tool with the base anchors by spot welding.
4. A concrete column of length 500 mm x width 500 mm x depth 400 mm is required to be poured under the base anchors, and then the base anchor is fixed on the cement column; if the client's floor is hard enough that can bear 5 tons per square meter, then the base anchor can be fixed directly on the concrete wall.
5. Electrical system, grounding requirements: using 40mm-50mm thickness 3mm steel pipe or 4 #/5 # angle steel length 2.5 m, the tip end into the underground 3m, each group of grounding at least 2 sets. If the local soil resistivity is too high, it can be lengthened properly and more grounding blocks can be added. The grounding blocks are arranged in a straight line or ring shape. The distance between the two grounding blocks is 3m-5m, and the top of the grounding blocks is welded together by flat steel or round steel. The welding of the ground body should ensure firmly, Guarantee the anti-corrosion treatment, all the buried parts below the ground should be galvanized parts.
6. All base anchors, expansion bolts, flat mats, spring mats and nuts are to be prepared by the customer.
7. Electronic Control Cabinet, laser device, water cooler and exhausting fan and other accessories size to the material object.

Installation materials (prepared by the customer)			
Name	Specification	Quantity	Remark
Base anchor	210×210×20	10	
Expansion bolt	M12×250	40	

Mark	Num	ChangeFileNum	Signature	Date
Design				
Check				
Audit				
			Date	2024/3/22

Foundation Drawing			
Stage Marker		Weight	Proportion
			1:36
Total		No. Of	

SENFENG LASER
Foundation Drawing
LM3015H4.10B