

Foreword

This manual only requires the preparation of the machine before packaging and lifting of the machine after the arrival of the unpacking to ensure that the smooth installation of your CNC lathe. The manual also sets forth the specific electrical, pneumatic and environmental and general safety measures required to install the machine to ensure safe and efficient machine operation.

I. Attention of machine transportation and unpacking

The N.W. of machine is 1300KG, G.W. is 1500KG. Total machine please drawing 1.

When the case is lifted, it should be lifted according to the marked position on the case surface, and can not have a larger inclination and vibration. When lifting after unpacking, you should remove the water tank first, and then remove the bottom row, when machine unpacking, you should remove the lid first, and then remove the side case. After unpacking should first check the appearance of the machine is intact. Then see the packing list check the machine accessories and spare parts are complete.

Use forklift lifting if no case packing.

Transporting the machine to move parts such as pallets, machine sliding doors, system boxes, etc. are completely fixed.

When Transporting the machine, make the removable parts such as pallets, machine sliding doors, system boxes, etc. completely fixed.

II. Installation of machine and accuracy inspection

In order to ensure the accuracy of machine tools, the machine should be installed on the concrete foundation, fixed with the ground screw . When foundation installation, the foundation size and depth are shown in Fig.2. After the machine is placed on the foundation, remove all the moving parts and transport fixtures, and then put the pallet at the end of the bed, with a scale value of 0.02 / 1000 gradienter, as shown in Figure 2, were placed vertically and horizontally on the small pallet On the board, move the tool post longitudinally by the working speed and inspect two positions(front and back), adjust the wedge iron so that the difference between the horizontal and vertical readings does not exceed 0.04 / 1000. After adjusting, tighten the ground nut on the ground screw evenly and then locate the guide rail again until the test result meets the specifications in "Certificate of Conformity".

III. Machine using environmental conditions

1 machine should be worked in the environment of 10 °C ~ 40 °C temperature range.

2 machine should avoid radiation and vibration of other higher heat sources, in order to avoid machine failure or loss of machine accuracy.

3 The relative humidity of the machine environment should be controlled within 75%, to prevent the electrical components, the detection of components affected by moisture is positive Often work.

4 machine electricity, gas, liquid working requirements and instructions (wiring and take over the export position shown in Figure 2)

4.1 Machine power standard for the 3-phase, AC380V/(or see the machine configure), 50 / 60HZ, 17KVA, voltage fluctuations should be controlled within $\pm 10\%$ range;

If the use of regional voltage instability, the machine should be equipped with power supply to ensure the normal operation of the machine.

4.2 machine should be reliable grounding, grounding wire for the copper wire, wire diameter should not be less than 10mm².

4.3 into the machine's gas source (compressed air outlet pressure requirement of 5.5bar) at least 280L / min flow, the pressure should be greater than 0.6Mpa.

4.4 To ensure the normal working performance of the machine, air compressor cleanliness and dryness have certain requirements: Filtration accuracy .

100 μ m, dew point temperature is 10 °C. If gas source requirement is not reached, a set of gas purification device (dehumidification, degreasing and filtration) should be added before machine tool intake.

4.5 Machine pneumatic system with under-voltage alarm function, when the pressure is less than 0.4Mpa, the pressure switch action, resulting in alarm,
Forbidden to work under pressure less than 0.4Mpa state.

After the machine installed, please read carefully the safety precautions of operating the machine tool in the operation and maintenance manual, and then operate the machine safely.

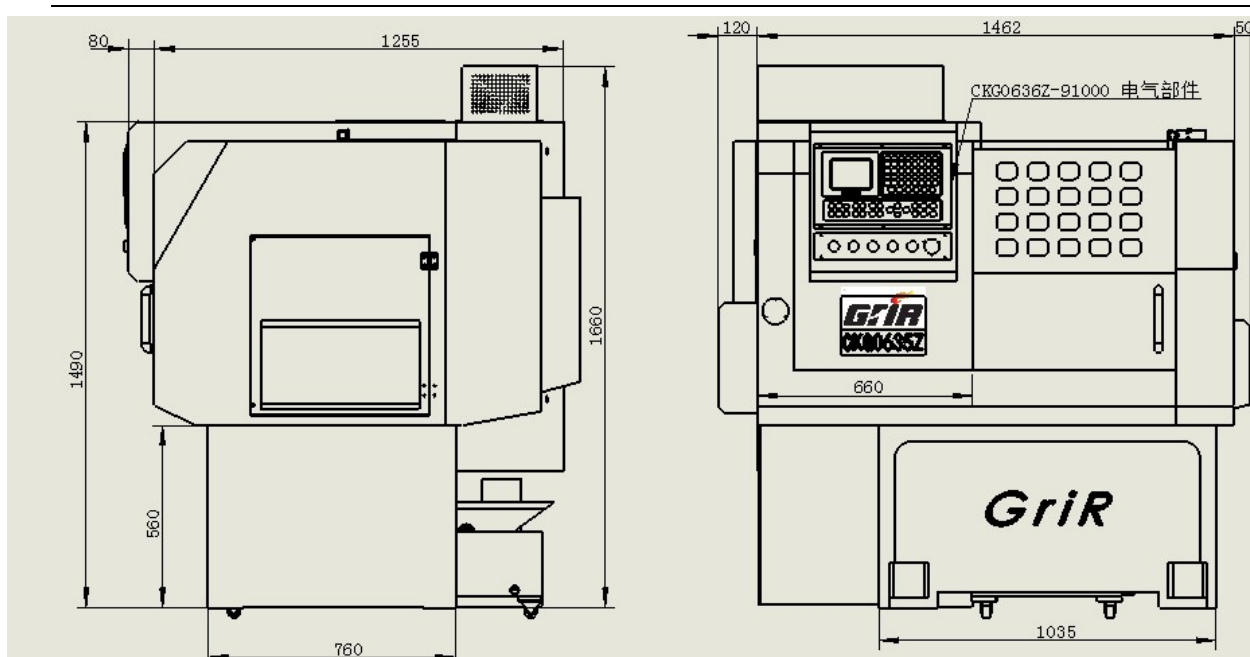


Figure 1 Machine Assembly Drawings

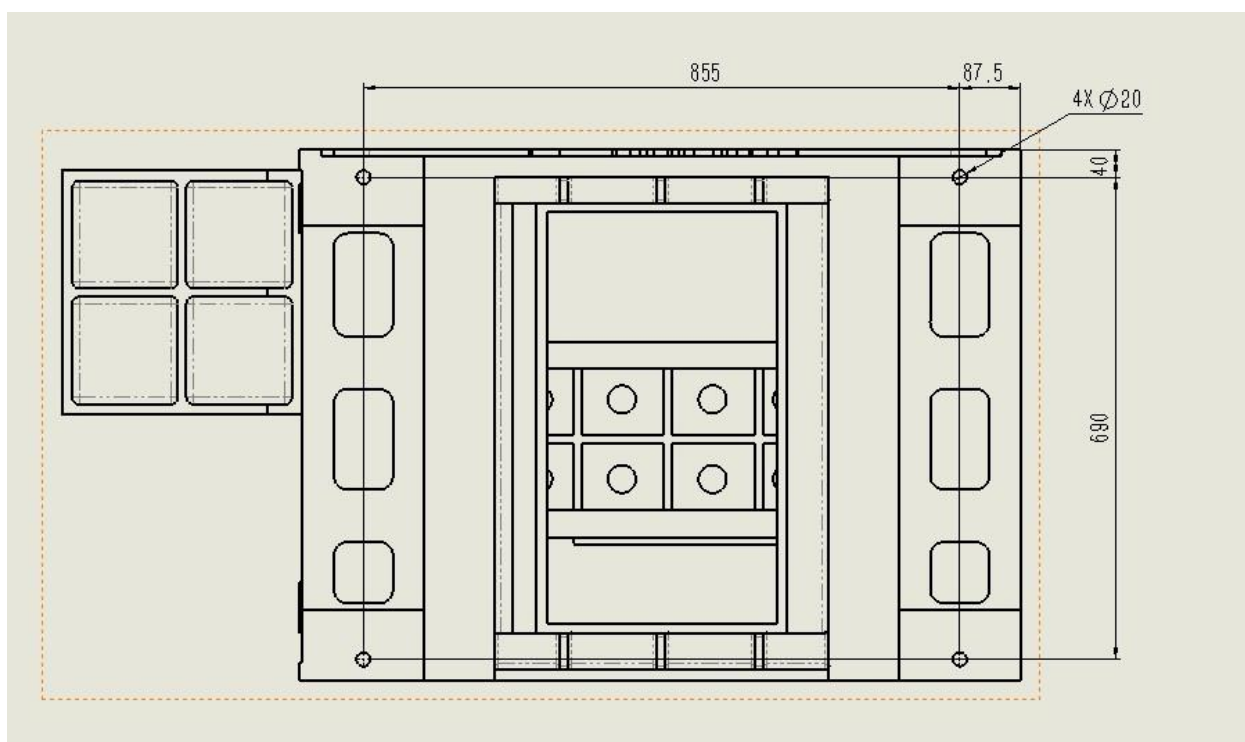


Figure 2 Machine foundation drawing