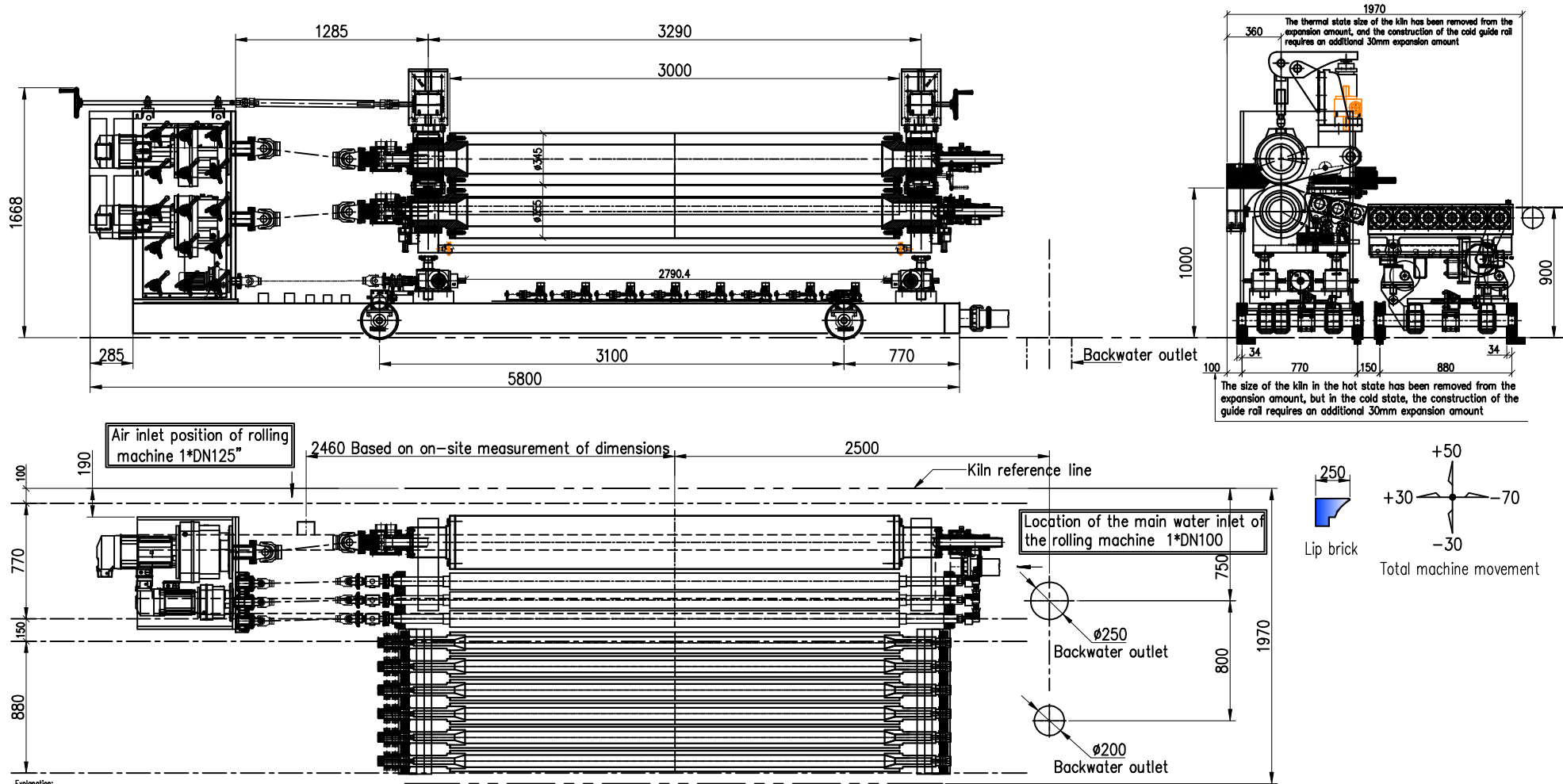


Technical Requirement

1. Confirm with Iran whether the height of the lip brick, 150mm, is the same as the height of the lip brick in use.
2. Iran confirms whether the lip brick bracket can be easily fixed to the steel structure of the kiln after the kiln renovation.
3. Two cooling water pipe joints for the lip brick water package, specification: Rc1 ”, designed on the calender chasis and do not require separate joints.

Iranian rolling machine	
Installation diagram of lip bricks	
YDTJ20220618-Z-01	



Explanation:

- Double in and double out, with a water inlet specification of 2" and a water outlet specification of 1"; Auxiliary roller single inlet and single outlet, with inlet and outlet water specifications of 1"; auxiliary roller bearing box water-cooled structure, with inlet and outlet water specifications of 3/8"; The transition roller bearing seat has a water-cooled structure, with a single inlet and outlet for the transition roller, and a water inlet and outlet specification of 1". Each water inlet is designed on the base of the rolling machine, without the need for additional pipe fittings; Each outlet is open, and customers need to prepare specifications of pipe fittings for the total return water. The outlet interface style is provided by Yuanding.
- The upper roller adopts a water-cooled lifting machine to manually apply self pressure, with a unilateral pressure of no less than 12T. The water-cooled inlet and outlet specifications are Rc3/8", and the inlet and outlet water pipes are provided by Yuanding.
- The glass thickness adjustment structure is a jack-planetary gear reducer, with an adjustment accuracy of 0.1mm/revolution.
- The lip brick bracket water inlet DN32 needs to be reserved separately on site.
- Please refer to the customer's site for the location of the main air inlet and outlet, and the specific location of the water collection outlet needs to be measured in the customer's workshop.
- Transmission parts such as universal joints and chains are equipped with protective covers.
- The detailed structure shall be subject to the final design.
- The power direction is designed according to the workshop layout, and the positioning dimensions of the guide rail are designed according to the on-site situation.

Parameters:

- The diameters of the upper and lower rollers are $\phi 4345$ and $\phi 4355$ respectively; Original board width: 2500mm, board thickness: 2-6mm.
- The motor power is approximately 110kW. Main roller motor 2 * 4kW, auxiliary roller motor 1.5kW, lifting motor 1.1kW, roller table motor 2.2kW. The cables and signal wires from the control cabinet to the rolling machine are provided by Yuanding, and the external parts need to be provided by customers themselves. Customers need to provide the wiring length of this section.
- The water consumption of the rolling machine is 80T/h, and the transition roller table is 30T/h (softened water 0-60ppm). The water pressure shall not be less than 0.4Mpa.
- The air volume is 1900m³/h and the air pressure is 10000Pa. Three air knives are divided into zones for cooling (7-4-4 distribution), and the air volume is controlled by manual steel cable valves.
- Overall movement of the calender: +30 (towards the kiln mouth); -70 (along the direction of the glass liquid). Manual operation.
- Overall movement of the rolling machine up and down: +50-30. Electric operation.
- The lip brick bracket is a brick machine separation structure.
- The overall weight of the rolling machine is about 5.3T (excluding the rolling roller); The overall weight of the transition roller table is approximately 3.8T.

Iranian rolling machine	
Calender Process Layout - Left Power	
YDTJ20230824-L-001	