

# No-bake Casting Process



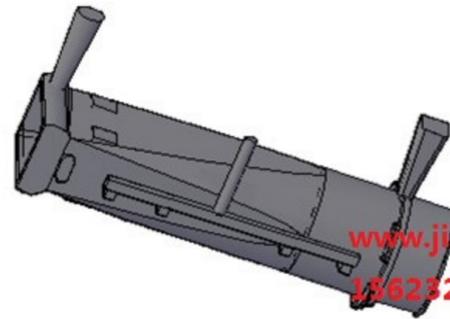
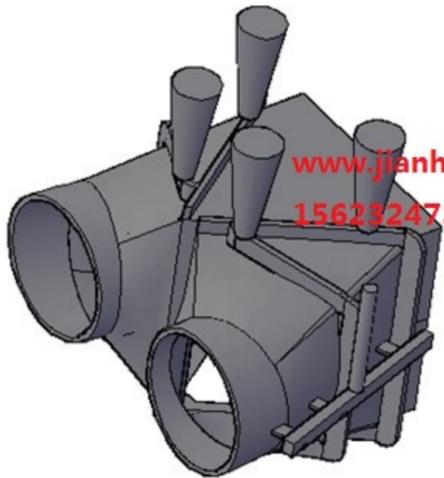
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## Case 1: Boiler parts

Material: Heat resistant steel

Weight: 1200kg/600kg

Process: No-bake Casting ( new type of modified sodium silicate)



**Distributor body**

**Once-air nozzle**

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## Advantage of new type of modified sodium silicate

1. the recovery rate can reach more than 90%;
2. the collapsibility of molding sand at middle and low temperature is better than that of resin sand;
3. non-toxic, tasteless, no organic gas emission, no solid waste emission (except dust);
4. high collapsibility water-glass has the property of moisture resistance, which can avoid the defects of sand model and casting parts caused by the moisture absorption of molding sand;
5. the fast sodium silicate has a fast producing capacity, which is nearly 50% higher than the traditional modified sodium silicate.
6. to reduce the customer's molding sand cost by another 20-50%.

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## No-bake casting production site



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