

## Casting Solutions\_Quench Tank



To cope with the increasing requirements and energy costs in the production, KUKA has developed the quench tank series. The proven quality is maintained and is continuously further developed and optimized.

### Quench tank “autonomous” and “conventional”

In the “autonomous” quench tank, thermal plates carry off the thermal energy absorbed in the tank.

These water-water heat exchangers are directly connected to the cooling circuit of the foundry. They are operated without electric connections or additional media.

If a higher cooling capacity is required, the “conventional” quench tank with a separate heat exchanger can be used now as before.

## Casting Solutions\_Quench Tank



The “autonomous” quench tank convinces with its advantages:

- Filters and circulation pumps are omitted, as the cooling water in the thermal plates has no contact to the component
- Easy cleaning of the components
- Immediately ready for operation, as no pumps and actuators are required
- Automatic refilling of the quench tank by mechanical float valve
- Automatic temperature control by thermostat valve
- Stainless steel design



These advantages make the “conventional” quench tank outstanding:

- Suitable for maximum cooling capacity
- Automatic refilling of the tank by mechanical float valve
- Automatic temperature control by thermostat valve
- Stainless steel design



The heat exchanger as a separate unit enables maintenance outside the safety fence

### Select the suitable option



Swiveling lowering stroke



Perforated plate (for lowering stroke)



Perforated basket

### Select the suitable size according to your needs

Small	610 × 910 × 750 mm
Medium	910 × 910 × 750 mm
Large	1,410 × 910 × 950 mm
X-Large	1,910 × 1,160 × 950 mm

For further information please contact us at  
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