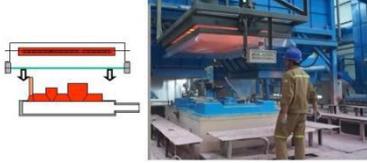
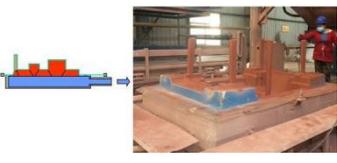
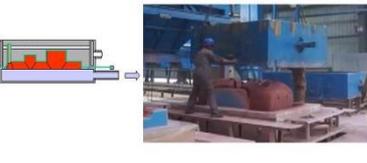
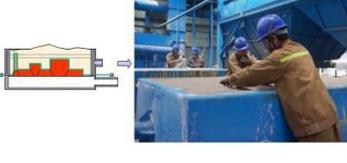
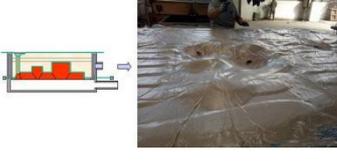
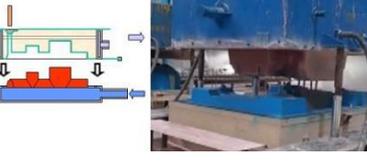
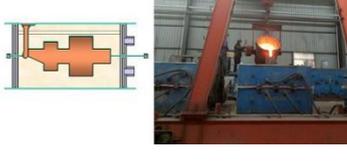
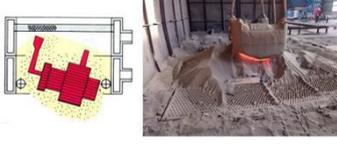


• What's v-process casting technology

		
<p>1. Film heating: using special film heat to heat the EVA film to certain temperature.</p>	<p>2. Film covering: turn on the pattern vacuum, put the soften film on the pattern surface. The film will covered on the pattern surface tightly under the effect of vacuum.</p>	<p>3. Coating spraying: spraying the coating through coating spraying system on the film surface. Using drying machine to dry the coating.</p>
		
<p>4. Flask setting: put the empty flask on the pattern.</p>	<p>5. Sand filling: vibrating table move to sand filling position. Turn on the sand filler, sand flow into the empty flask and under vibration to get high density mold.</p>	<p>6. Film sealing: put another piece of film on the back surface of the mold. Turn on the vacuum, the mold become hard.</p>
		
<p>7. Stripping: after get hard mold, using special lift machine or manapulator for stripping and close the mold on the pouring area.</p>	<p>8. Pouring: pouring under vacuum pressure. Then keep certain time of vacuum. After keep vacuum pressure,</p>	<p>9. Shaking out: turn on the vacuum, move the mold to shaking out area, then turn off the vacuum. The sand flow freely and back to sand hopper through sand preparation system.</p>

• Characteristics & Advantages of v-process casting technology

- 1. V-process using dry sand without any chemical binder, under the vacuum pressure to get stable mold;
- 2. No chemical binder consumption can reduce the production cost;
- 3. No pollution, environmental friendly;
- 4. Excellent surface quality (Ra12.5);
- 5. High dimensional accuracy;

6. Suitable for all kinds of metal materials;

● Typical castings cases by v-process casting technology

≡ Counterweight

Material: HT150-HT200
 Weight: 500kg-6000kg
 Molding speed: 4-7 molds/hr



≡ Swing bolster & side frame

Material: cast steel
 Weight: 300kg-600kg
 Molding speed: 3-6 molds/hr



<p>≡ Wear resistant products</p>	<p>≡ Heat resistant products</p>
<p>Material: high manganese steel/high chrome steel/alloy steel Weight: 50kg-5000kg Molding speed: 3-6 molds/hr</p>	<p>Material: alloy steel Weight: Molding speed: 3-5 molds/hr</p>

● Typical castings by v-process casting technology

