

Name: wear resistant distributor chute

<b>Product Name</b>	<b>wear resistant distributor chute</b>
<b>Material</b>	<b>Q235/Q345+Chromium carbide overlay</b>
<b>Base metal</b>	<b>Q235/Q345 or customized</b>
<b>Hardfacing layer</b>	<b>Chromium carbide overlay</b>
<b>Chemical composition</b>	<b>C: 3.0-5.0 % Cr: 25-40 %</b>
<b>Hardness</b>	<b>HRC58-63</b>
<b>Microstructure</b>	<b>Carbide (Cr<sub>7</sub>C<sub>3</sub>)volume fraction above 50 %</b>
<b>Wear resistance</b>	<b>High wear/abrasion resistance</b>
<b>Flatness tolerance</b>	<b>±3 mm/m</b>
<b>Thickness tolerance</b>	<b>uniform overlay thickness, with tolerance within 0-0.5 mm</b>
<b>Impact resistance</b>	<b>Medium</b>
<b>Technology</b>	<b>Hardfacing, open arc welding, submerged arc welding</b>
<b>Plate Size</b>	<b>Customized sizes</b>
<b>Main thicknesses (base metal+overlayer)</b>	<b>Customized thicknesses.</b>

The distributor chute is a kind of wearing parts , which serves a very short working time, mostly maintain 6 to 12 months. Under high temperature working condition, the anti-abrasion performance of metallic material will be degraded. Take 850 °C working temperature and impact property into account, Hard-plate adopts HP300 welding wire to satisfy blast furnace severe condition.

Wear resistant Chutes and hoppers are regularly exposed to high flow, and compressive loads and impact and used in raw material conveyor equipment (e.g., trippers and chutes) and storage equipment (e.g., bunkers and hoppers). Protecting these surfaces with resilient and wear resistant surface enhancements is an area ARC coating specializes in providing exceptional value and long-lasting performance .

Our expertise is in manufacturing discharges, transfer chutes and hoppers that fit your transferring needs. Working with the basic fundamentals of chute wear, material degradation and dust generation, we have the knowledge to supply merely any industry.

#### Application

Hoppers, chutes, and trippers for conveyor equipment

Hoppers, bunkers, and bins for the storage of raw materials and products