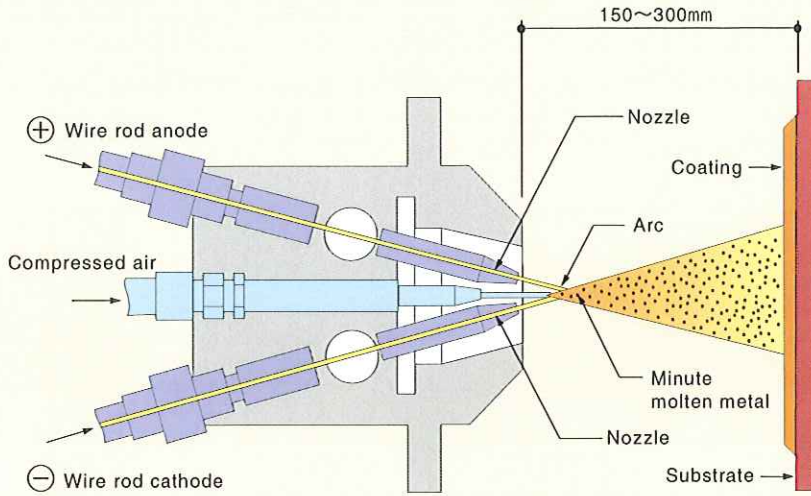
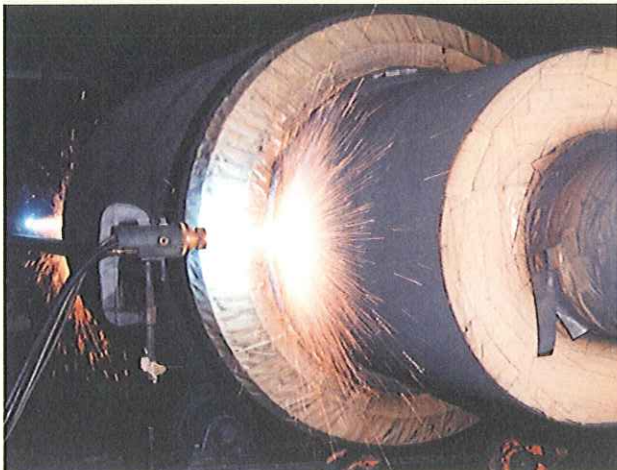


Arc spraying



Two pieces of spraying materials (wire rods) continuously fed, which are (+) and (-) electrodes, respectively, generate arcs at their tips. Molten drops of metals melted by the arc heat are continuously made minute by the air jet and are sprayed on the surface of a raw material.



■ General characteristics

- Adhesive strength and tensile strength greater than those with gas spraying.
- High spraying efficiency.
Formation of a quasi alloy film by using two pieces of dissimilar metal and alloy wire rods.
- Spraying by all metals which can be wire rods possible.
- No deterioration and changes found on materials to be sprayed because of low temperature spraying.
- Superior oil retaining property and very improved sliding wear characteristic because of pores within films.

■ Characteristics of ofic

- Attainment of thick overlay spraying as thick as 20mm.
- On-the-spot spraying by a business trip possible.



piston: $\phi 230 \times 1500 /$



Spraying material : SUS 410
(13% Cr stainless steel)(200 magnifications)