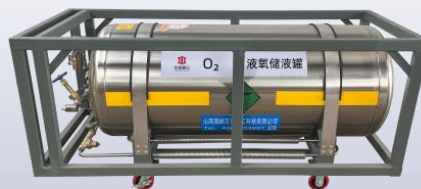




**Splitting pipe**



**Liquid o2 storage tank**

## **Liquid O2 rock splitting machinery**

### **Product Overview**

Liquid O2 rock splitting machinery is a safe physical rock fracturing technology. Liquid oxygen ( $-183^{\circ}\text{C}$ ) expands 800 times instantaneously when converting from liquid to gas, generating enormous expansive force within a confined space to induce brittle fracture of rock mass.

It shows outstanding characteristics including zero exposed sparks, powerful fracturing capacity, no requirement for post-blasting inspection, and simple operation. As it is not classified as civilian explosives, all approval procedures for its transportation, storage and application are exempted. It is widely used in construction, foundation construction, tunnel excavation and other fields.

## Product Specification

| Model  | Diameter | Length | Drilling diameter | Drilling depth | Capacity | Effective Strength |
|--------|----------|--------|-------------------|----------------|----------|--------------------|
|        | mm       | m      | mm                | m              | Kg/m     | mpa                |
| D90/2  | 75       | 2      | 90                | 4.5-6          | 5-8      | 300                |
| D90/4  | 75       | 4      | 90                | 6.5-8          | 5-8      | 600                |
| D90/6  | 75       | 6      | 90                | 8.5-10         | 5-8      | 900                |
| D110/2 | 90       | 2      | 110               | 4.5-6          | 5-8      | 400                |
| D110/4 | 90       | 4      | 110               | 6.5-8          | 5-8      | 800                |
| D110/6 | 90       | 6      | 110               | 8.5-10         | 5-8      | 1200               |

