

# Tongs for ingots




## Information

Tongs for lifting ingots Mechanical or electro-hydraulic drive.

**MECHANICAL SYSTEM:** operation based on a lever mechanism. Gripping and releasing the of the part is made possible by a rotating mechanical system that allows the tong to open and close. Rotation of the pawl is obtained mechanically every time the tong rests on the component to be lifted.

**ELECTRO-HYDRAULIC DRIVE:** the tong works mechanically but the closing speed of the levers is regulated by a hydraulic unit that drives a cylinder with the task of exerting a force opposing the spontaneous closure of the levers. Correct adjustment of the hydraulic system allows fluid, accurate and above all safe closure movement.

## Application sectors

-  Steelworks
-  Aluminium industry
-  Forges

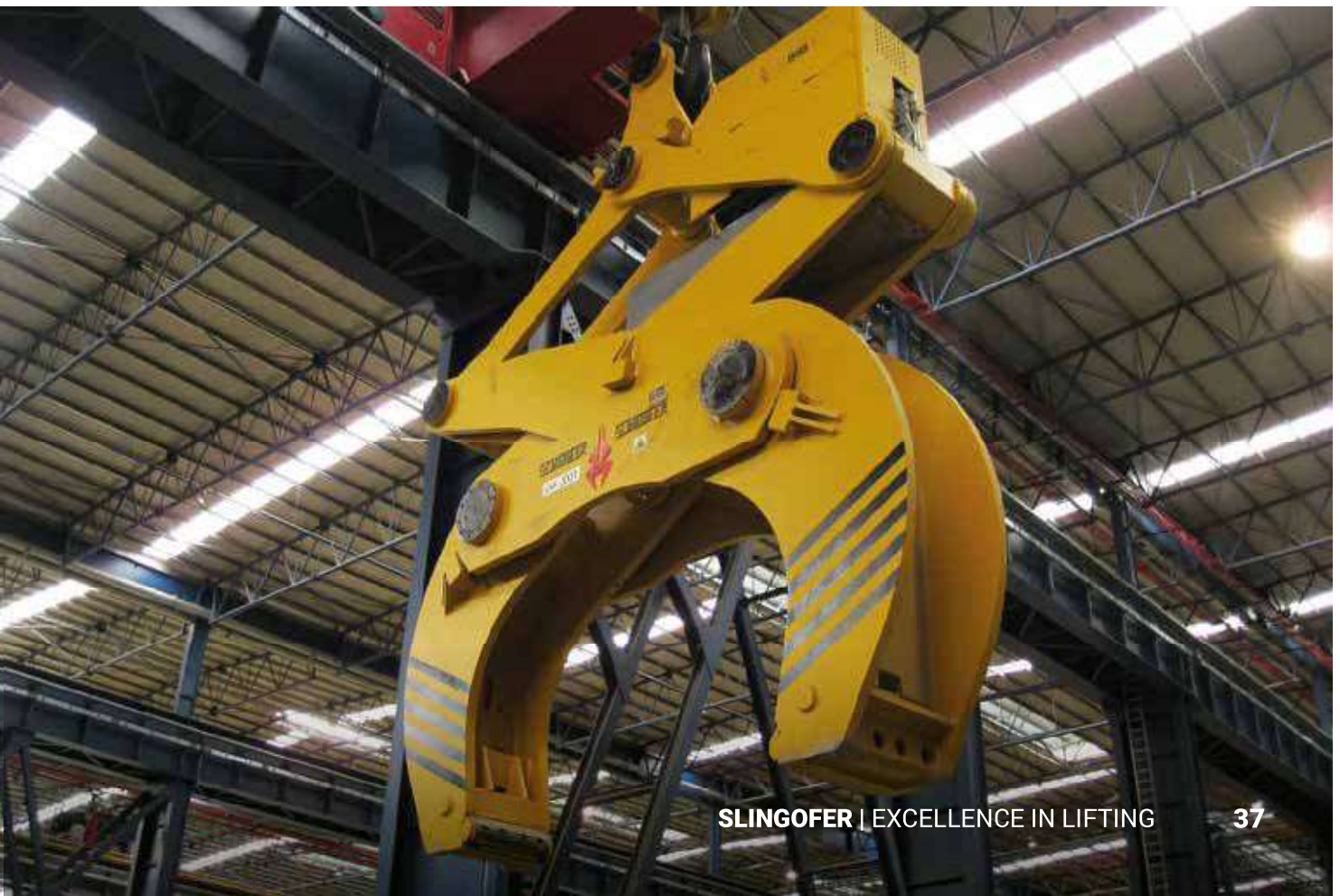
## Characteristics Ref. tongs already in operation

Maximum capacity 550 tons\*

Maximum diameter 3000 mm

\*Tongs can be constructed with higher capacities, after an in-depth study.









## Strengths

### 1 Hydraulic tong with mechanical grip

The mechanical grip is guaranteed by the geometry of the tong (the equipment is equipped with a cylinder that guarantees opening and closure, to make it more.

### 2 Durability and resistance

The robustness enables prolonged use over time, safe operation and reduced maintenance.

### 3 Insulation materials

Being intended only for environments with high temperatures, insulation of the most exposed parts is particularly detailed using appropriate insulating materials.

### 4 Hydraulic system

With the hydraulic system, the operator can precisely choose the point of engagement of the tips on the part. The cylinder prevents the tong from opening during the tilting phase of the ingots, which guarantees their safety.

## Various applications

Our technical office will develop the customised tong according to the specific request.



**SCAN THE QR CODE**  
to view  
the product 180°



