



## RESISTANCE BRAZING APPLICATIONS

### 电阻钎焊应用

Soudax is specialized in the manufacture of high quality resistance brazing equipment for the connections of copper bars of transformers, rotors, stators. Soudax has been in the business since 1973, and has developed a dedicated resistance brazing generator and standard clamps for this application. These clamps can be adapted upon customers' specifications.

- Soudax 公司专业制造高质量电阻钎焊设备，用于连接变压器、转子、定子上的铜接头。
- Soudax 公司自 1973 年起就开始应用于该领域，并为这一应用领域开发出一种专用的电阻钎焊电源和多款标准焊钳工具。这些焊钳工具都可以根据客户的具体需求进行调整。



Copper bars of transformers  
变压器上铜条



Power connection brazing  
电源接头钎焊



3 Copper wire brazing  
3 根铜条钎焊

#### 典型产品 Equipment used

/ **Principles:** The resistance brazing process combines thermal transfer which goes through the carbon brushes to the parts using the current flow.

/ **Advantages:** No need for jigs, no heat loss, less consumables, handy and easy to use.

- 原理：电阻钎焊工艺是通过碳刷将电流传递流过工件产生热量进行钎焊。
- 优点：不需要使用夹具、无热量损失、低耗材、简单便捷。





# Soudax

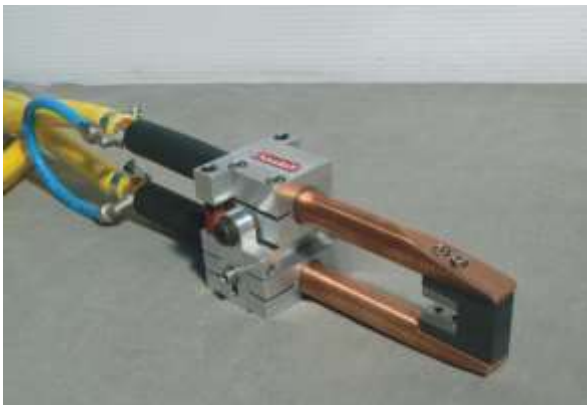
## 焊接电源 POWER SOURCE

Soudax generator GAC B 20kA and Soudax brazing clamps are all water cooled.

- Soudax 焊接电源（GAC B 20 kA）和 Soudax 钎焊钳都配备水冷装置。



## 机械式电焊钳 MECHANICAL CLAMPS



**PIMB 30 NG**



**PIMB PARROT**

## 气动式电焊钳 PNEUMATIC CLAMPS



**PIAB PARROT**



**Single lock PIAB 55**



**PIAB rotating at 90°  
PIAB 旋转 90°**





# Soudax

PIAB Clamps have to be equipped with a CCAT (Temporized air control box).

- 所有的 PIAB 电焊钳都需配与 CCAT（气压控制盒）配套使用。

## 合作伙伴| Corporate partners

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Alstom (Power & Transport)、Areva, Emerson (Leroy Somer)、TD Power (Siemens)、Thales、Microspire、ABB、GE Energy 等公司。

