



### Replacement

During the entire life cycle of a plant, it can become necessary to remove an old pump and replace it with a new one, without, however, modifying the existing operative interfaces.

Termomeccanica can replace pumps from its own range or from other manufacturers with a new improved one, ensuring the compatibility with the existing plant interfaces, which include :

- piping size, shape and position
- foundations
- electrical cables for motor feeding
- overall skid dimensions
- control systems

**The main benefits from a pump replacement are:**

- design update
- material upgrade
- hydraulics optimization
- compatibility with existing plant interfaces
- restoration or improvement of original pump operative conditions

### Retrofit

A retrofit activity consists of adapting an existing machine to :

- new plant operative conditions or
- new technological solutions or
- new safety regulations.

Termomeccanica is able to perform retrofit activities on its own pumps or those of other manufacturers.

**The main benefits from a pump retrofit are similar to those of a pump replacement, i.e. :**

- design upgrading
- material upgrading
- hydraulics upgrading
- compatibility with existing plant interfaces
- restoration or improvement of original pump operative conditions