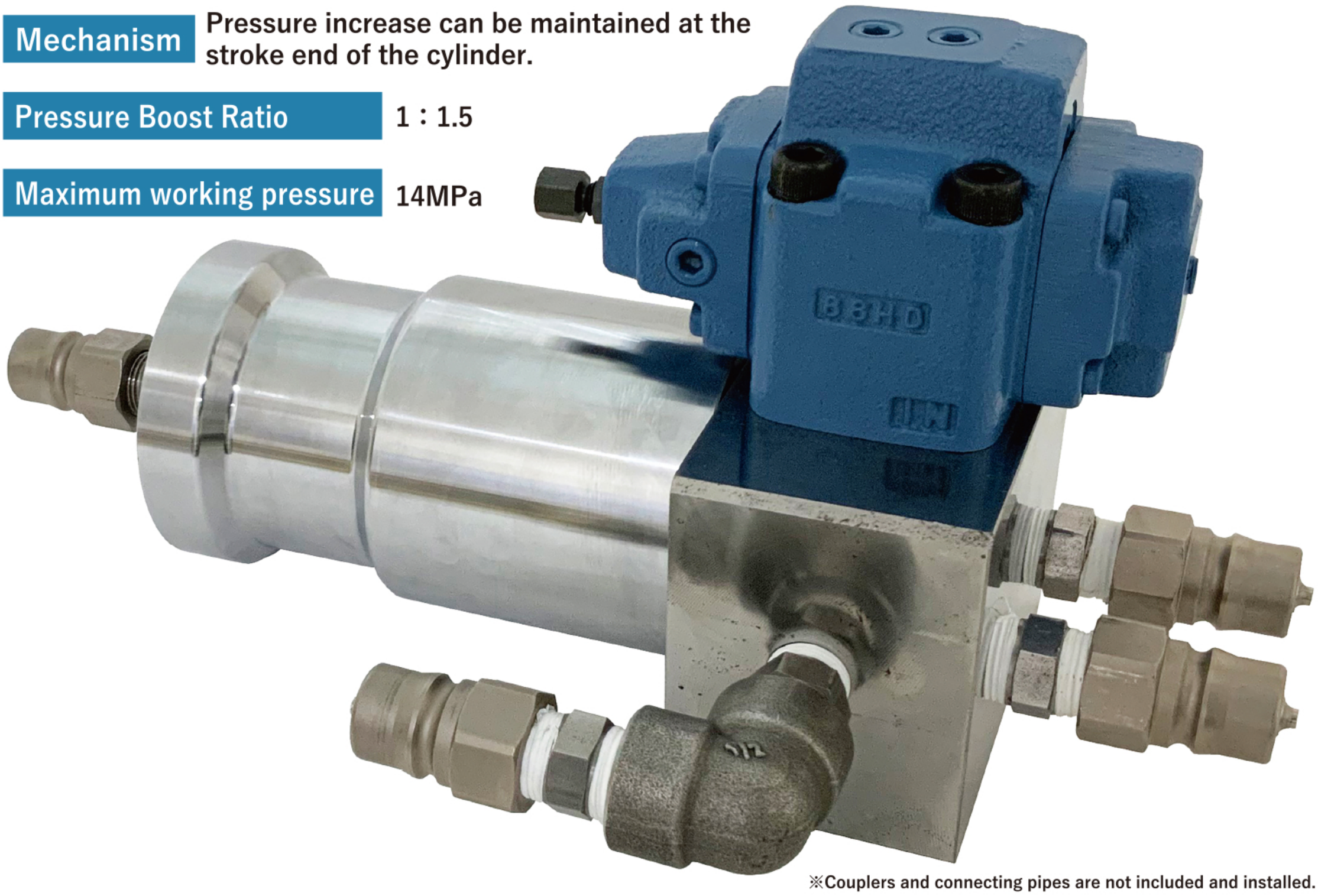
Core Presser Booster
CPB-E

Have you ever been experienced core puller cylinder went back while casting ?

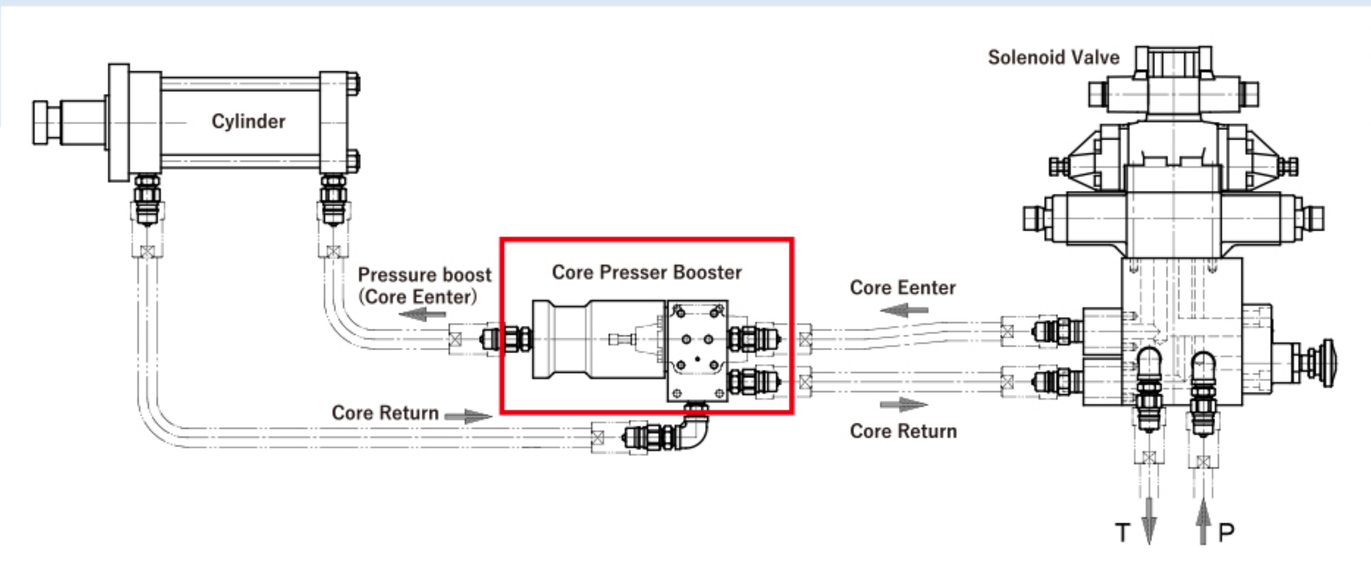
We have a product to solve above issue.

Mechanism	Pressure increase can be maintained at the stroke end of the cylinder.
Pressure Boost Ratio	1 : 1.5
Maximum working pressure	14MPa



※Couplers and connecting pipes are not included and installed.

Installation example



※Please note that the application is different from the Core Puller Booster.

Tie-Bar Strain Gage
TSG-DA II

Checking the tensile stress applied to the tie bar during mold tightening is easily to be done by TSG-DAII.

Renewal and resale

In response to requests from many customers, we will renew and resell TSG.

Although there was slight spec. change, the way of use is the same as last one.

- Confirmation of clamping force after mold change.
- Prevention of damage and deterioration of machine life due to excessive clamping force.

Use of example

Feature

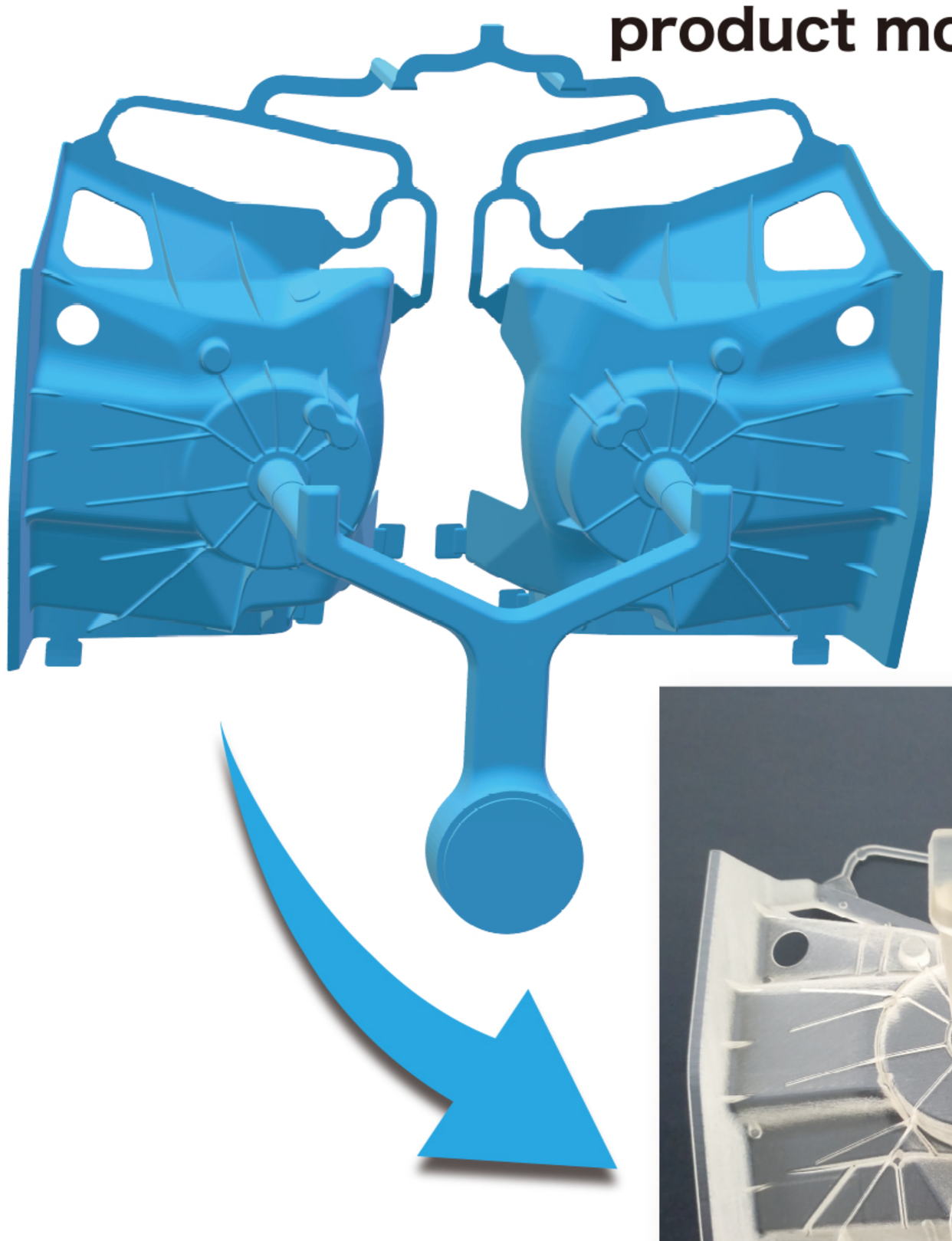
- As it can be easily attached to the tie bar with a magnet, there is no need for mounting brackets.
- It is portable and handy.
- Excellent work efficiency.

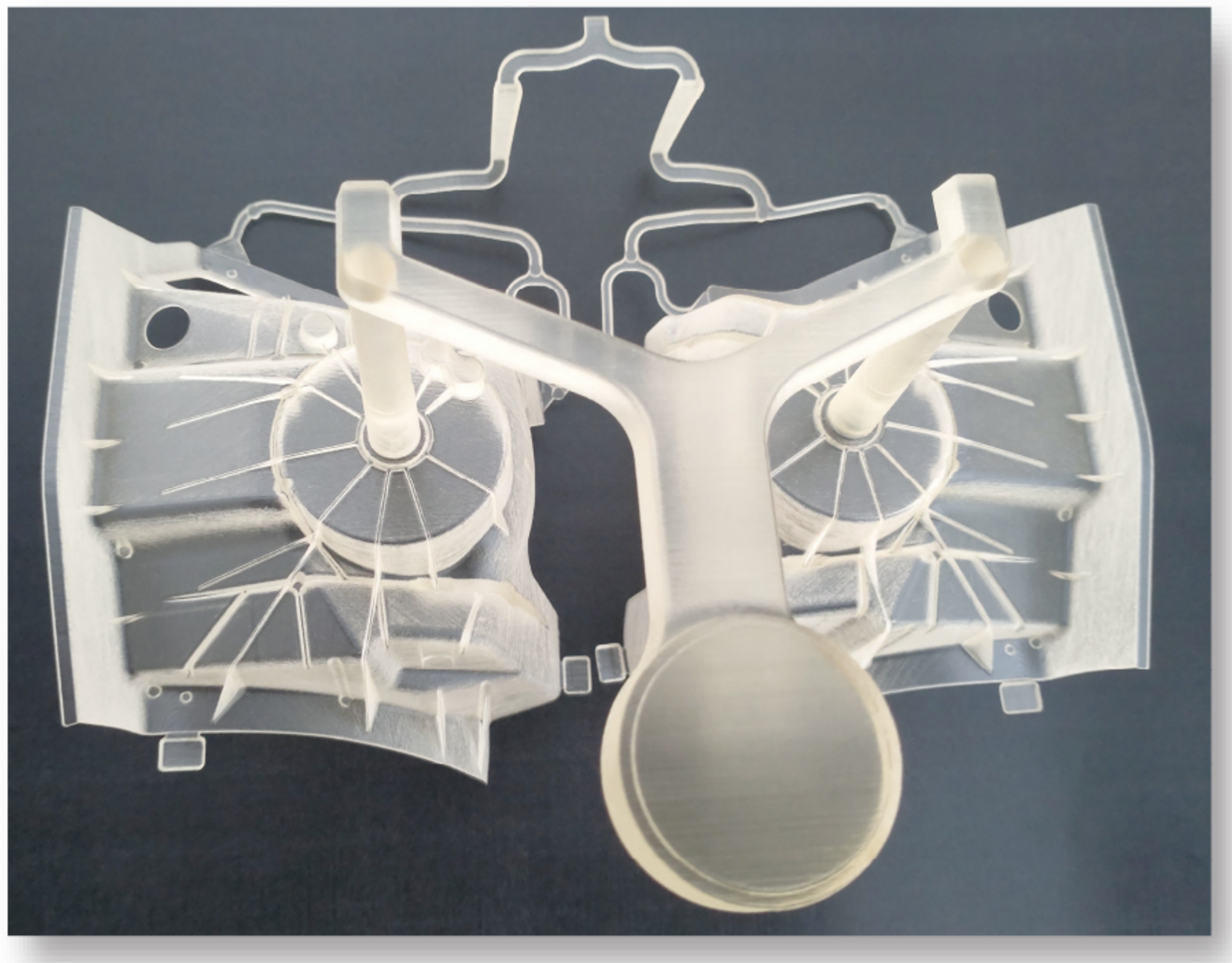
*Part of product may be changed because it is a prototype.

Product modeling with 3D printers

Product plastic modeling with 3D printers will be available.

Producing original or reduced size product models will be possible.





Structure	Original or reduced size models can be produced with high-definition modeling with a lamination pitch of 15μm for parts that are difficult to comprehend in 2Dor3D drawings. It contributes to the confirmation for parts which you concern about defect, consideration of shape change proposals and etc.

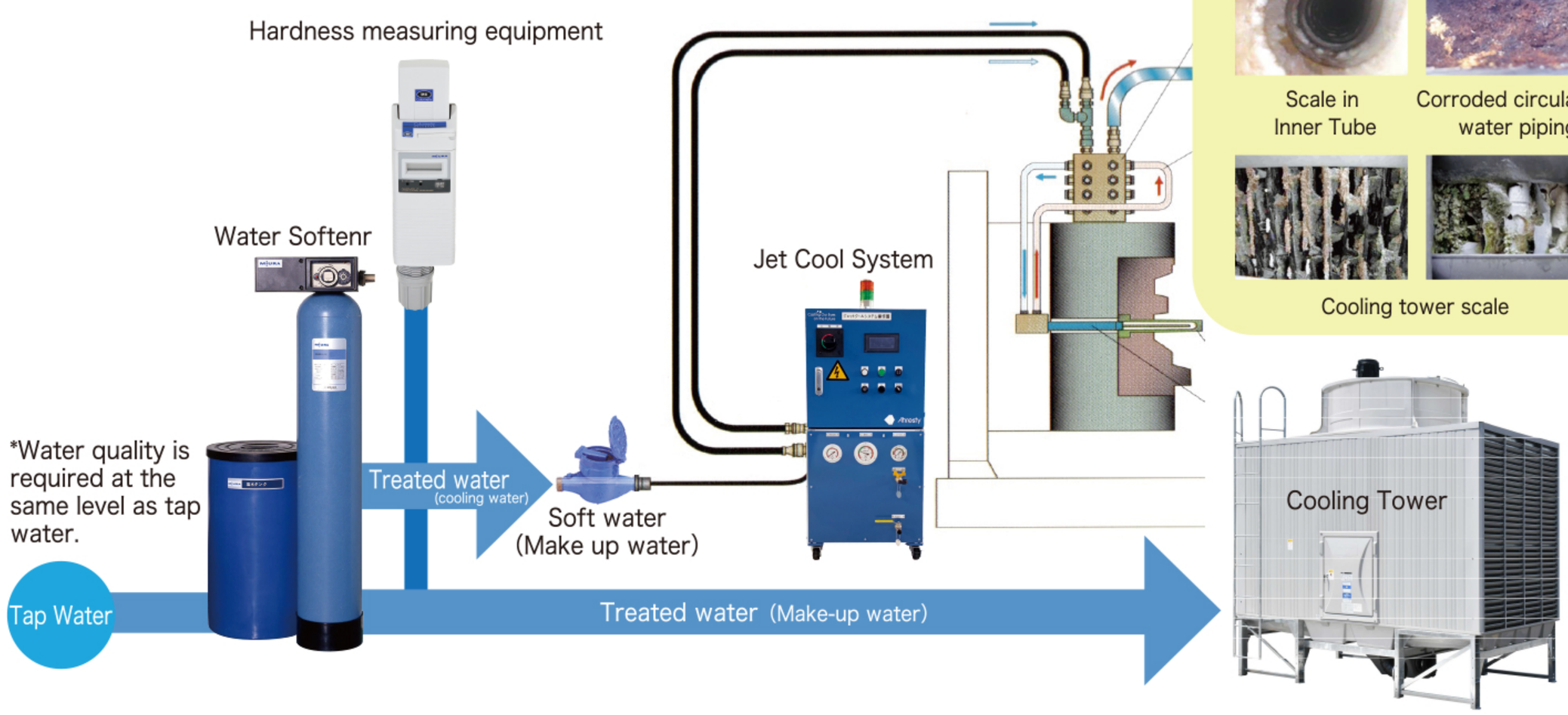
Improving water quality with water softner

Water softener removes contamination such as calcium and magnesium from water and provide suitable water for factory.

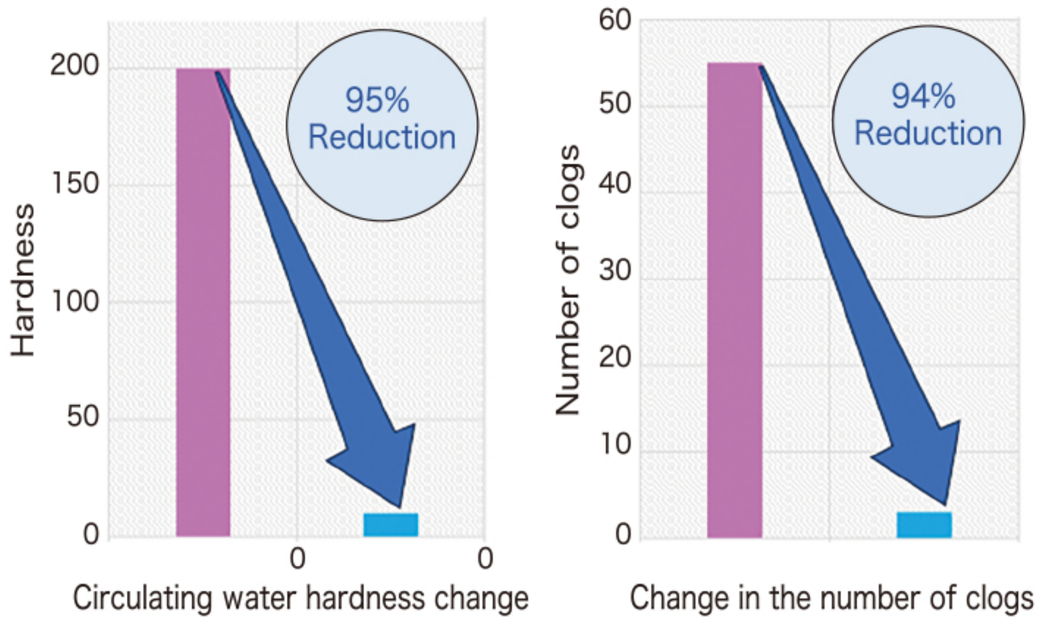
Feature

- Removing contamination and preventing scale clogging in cooling water circuit.
- With soft water, scale adhesion on the cooling tower can be suppressed, thereby significantly reducing the amount of make-up water.

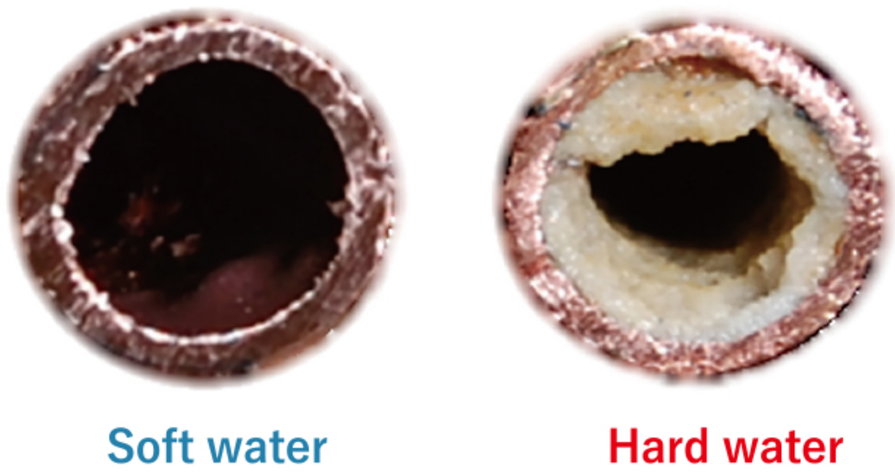
System flow using JECSS and Water softener



Effects Hardness reduction/Scale clogging reduction



Resolving problems caused by scale clogging



These values are based on actual data received from die casting manufacturers.

To achieve sustainable society

Introducing Solar panel

Our head office uses a solar power generation system, and the company's overall power generation is an average of 18,079kWh/month, with an average power consumption rate of approximately 54.6%/year.
By using solar power generation, we expect to reduce CO_2 emissions by approximately 47 tons per year, which is equivalent to the amount of CO_2 reduction achieved approximately 3,370 cedar trees.

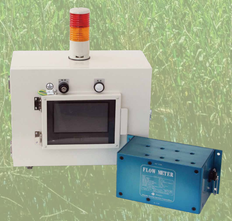
※Output restrictions may occur due to power companies, therefore figures are assumption.
※The amount of power generated may increase or decrease due to the influence of weather, natural disasters, etc.

CO_2-free electricity purchase

In order to compensate for the shortfall in the power generation consumption rate of the solar power generation system, we purchase electricity from electric power companies that does not emit CO_2 derived from environmentally friendly renewable energy.

We have declared that Ahresty Techno Service is CO_2-free through above activities.

Jet Cool System



Flow Meter

Jet Cooler