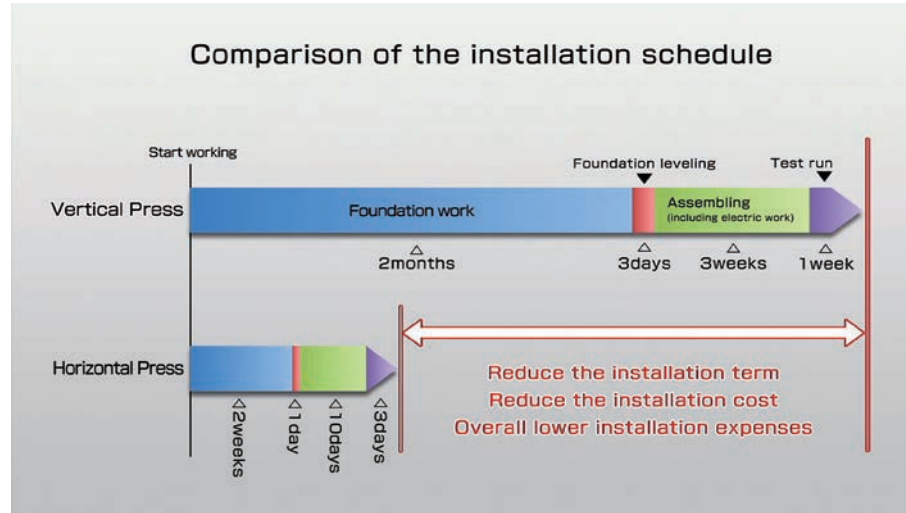


04 Possible to install in 10 days

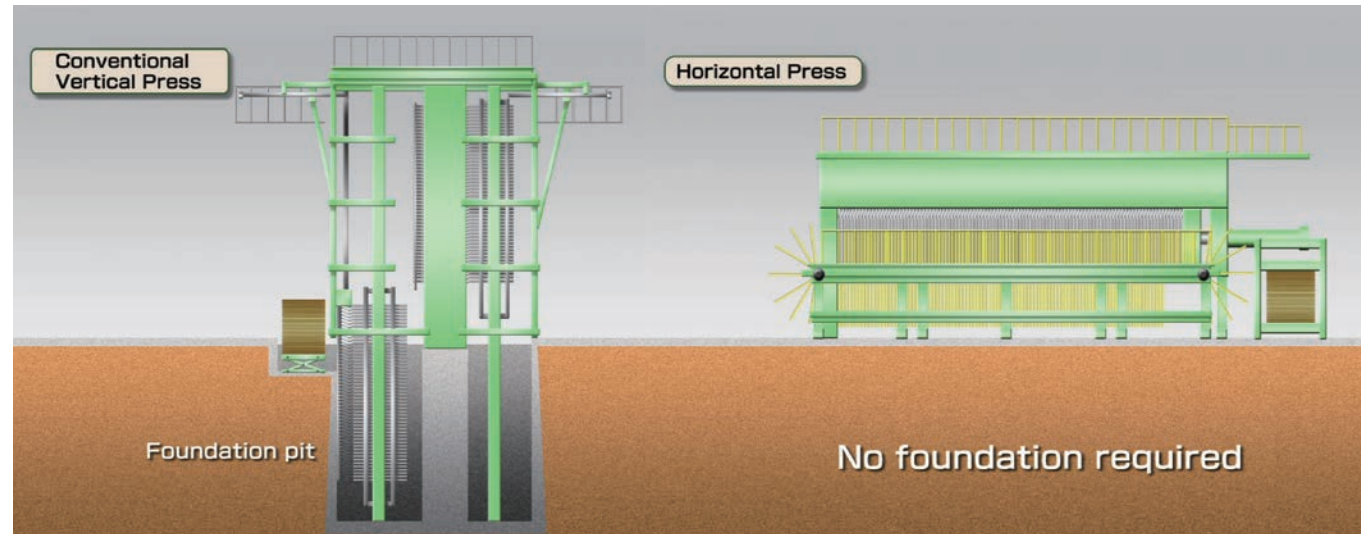


Horizontal Press is manufactured at Taihei's production factory, pre-assembled for each unit and delivered to the site for assembly.

For this reason, it is possible to finish installing in days after finishing the foundation works.

05 Not required foundation pit which is necessary in vertical press

Vertical press is required to make a deep foundation pit because of main cylinder location. On the other hand, Horizontal Press does not required to make a foundation pit, because main cylinder is located in both the side of press.



Foundation work is easier than vertical press due to no foundation pit, and possible to minimize the foundation cost. Horizontal Press is possible to reduce the terms of foundation work and possible to reduce the installation term. Due to decrease the total construction term, possible to reduce the construction cost.



HORIZONTAL PRESS P25-AB

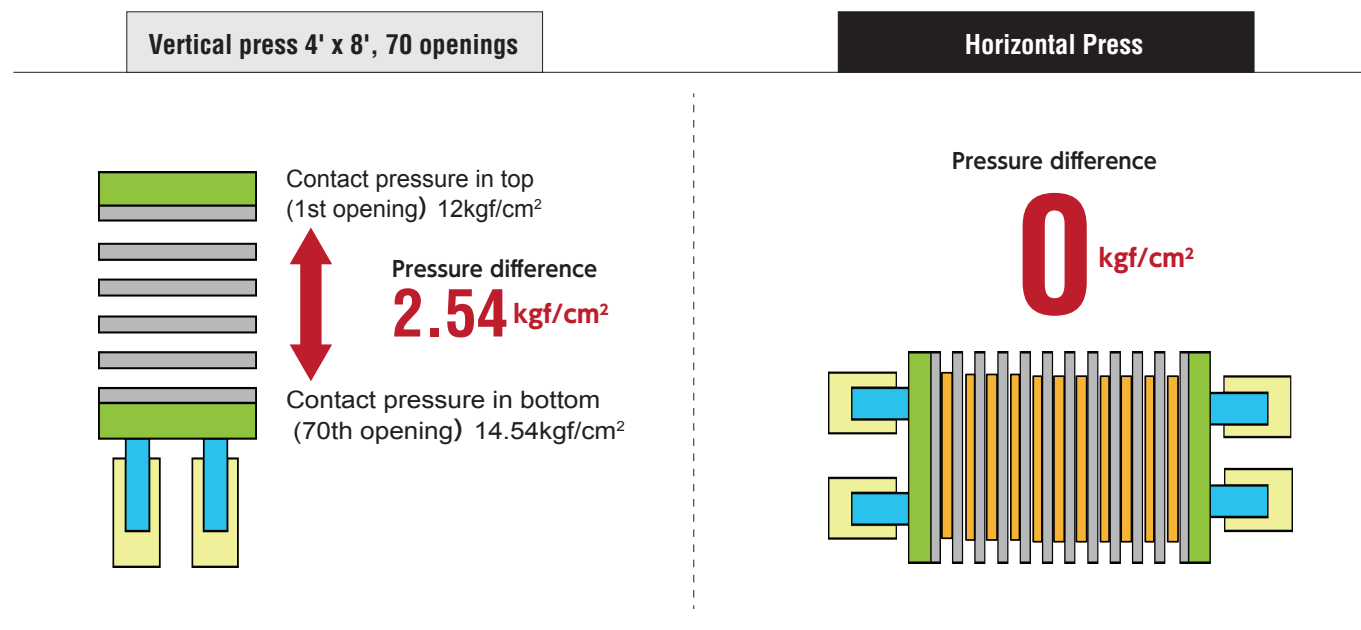
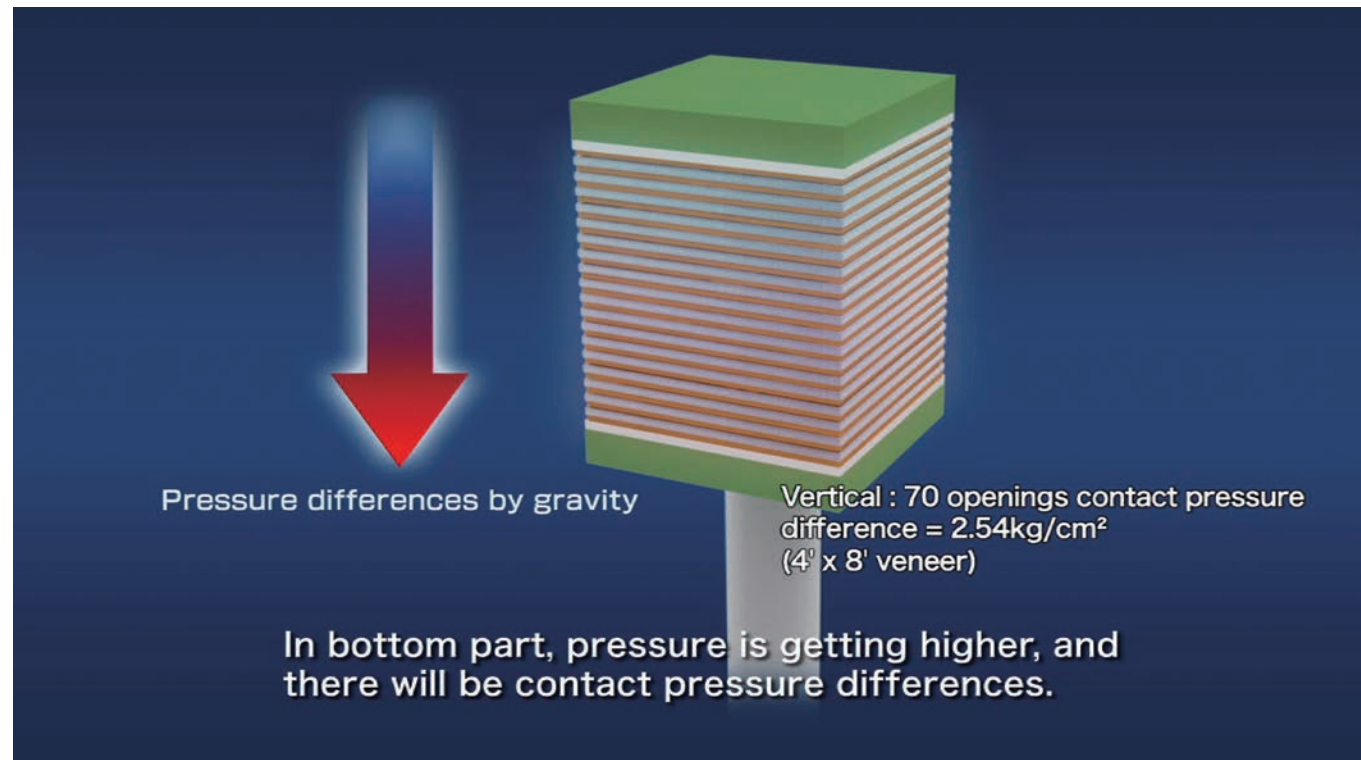


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01 Applying uniform contact pressure to all panels

Conventional vertical press is affected by the weight of heat plates and panels. For this reason, contact pressure difference between top and bottom will occur.



Horizontal Press is able to apply uniform and minimum contact pressure to all panels while pressing panels. Possible to stabilize the product quality due to minimize panel thickness reduction and applying uniform pressure to all panels.

02 Improving production efficiency due to max.140 openings

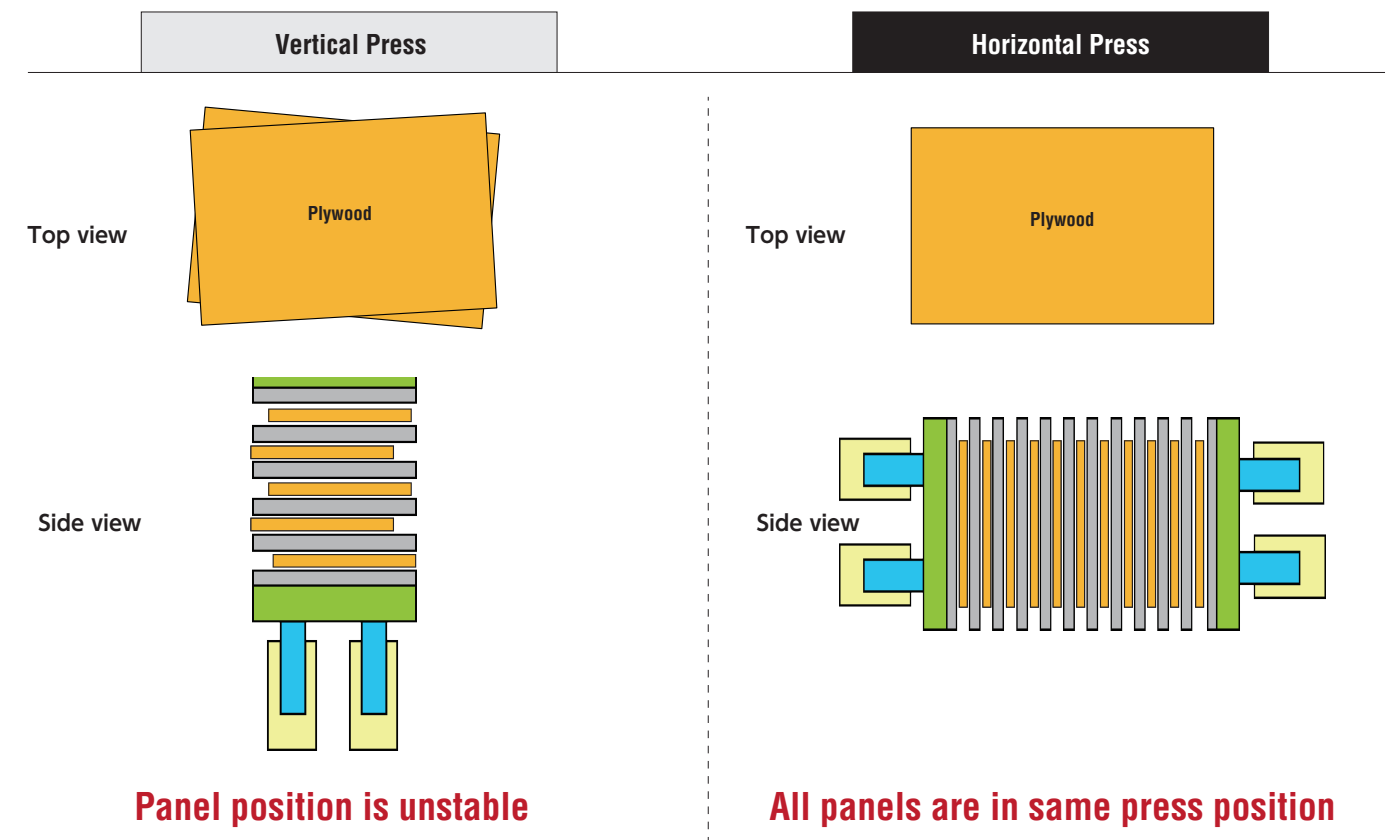
Vertical press has a limitation of openings because of pressure difference in top and bottom. On the other hand, Horizontal Press has thinner heat plates than vertical press, so maximum openings of Horizontal Press became up to 140 openings.

Thickness of heat plates (Vertical Press)	Thickness of heat plates (Horizontal Press)
40~50 mm (1.57 ~ 1.97 inches)	22.5 mm (0.89 inches)

Production efficiency is improved by pressing max.140 panels at the same time. Possible to reduce the labor cost and electric consumption by putting some hot presses into one Horizontal Press.

03 Minimizing panel adhesion failure due to insert all panels to same pressing position.

Vertical press cannot insert panels to same press position every time. Following pictures are the comparison of the press position.



In this case, some part of panel are not applied pressure in vertical press. It has a possibility to occur the adhesion failure in this part. On the other hand, Horizontal Press is possible to insert all panels to same press position every time. All panels are applied uniform pressure completely and then possible to reduce the adhesion failure.