

◆ I want a smaller installation footprint for my production line

I want to reduce the installation footprint of our robots. ①

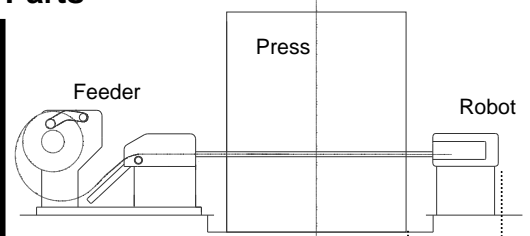
Using an AIDA Conveyance Robot!

A Smaller footprint!

■ Customer's Application: Auto Parts

【Before】

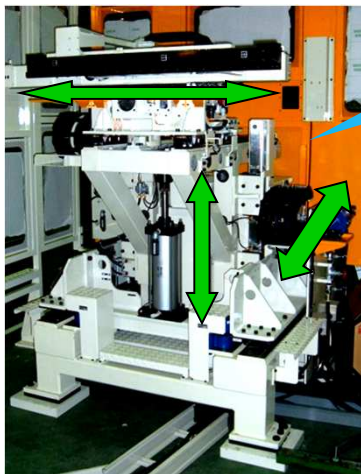
■ Situation Before Consulting with AIDA ENGINEERING, Ltd.:
The customer had a robot line consisting of a single press combined with a conveyance robot. The customer wanted to achieve a smaller installation footprint.



【Countermeasure】 Changed to a 3-D robot located behind the press.

→ The drive unit is installed behind the press, enabling conveyance using just one bar.

Approx. 1500 mm shorter



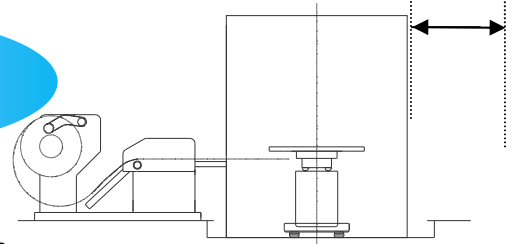
3-D Type

with front/back motion

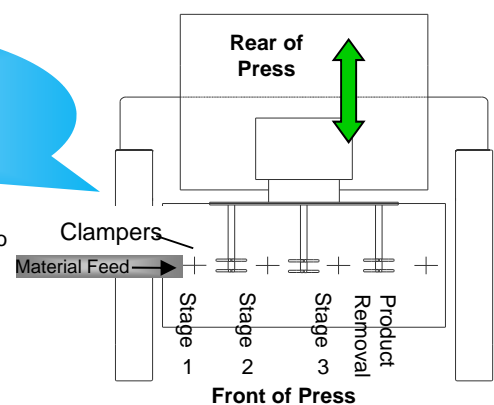
The clampers can retract, increasing its flexibility to accommodate a variety of dies.

Makes it easy to change clampers.

The unit can be retracted to the rear to assure working space.



Transfer Robot



【After】

The drive unit is mounted inside the press and the overall line length is reduced by 1500 mm.

Please contact AIDA for details.