

A nozzle is inserted vertically into a pail can to inject liquid.

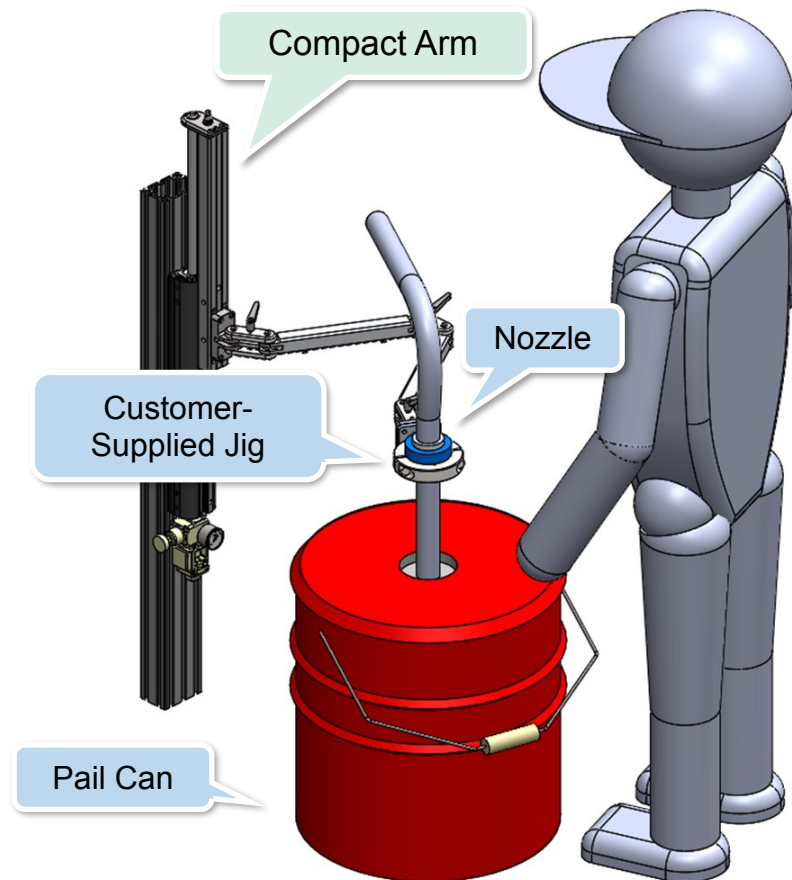
## Before

During liquid injection into the pail cans, failure to insert the nozzle perpendicular to the fill port can result in metal particle contamination, leading to product defects and operator stress. Furthermore, external forces from the piping cause strain on the operator's arms and lower back.

## After

The compact arm helps reduce the strain from the external forces and weight of the piping. The vertical approach allows for easier and more accurate nozzle insertion, reducing mental fatigue.

Axis Configuration	CAW-L-300
Attachment	Customer-supplied jig



Workpiece Weight	4kg
Operating Frequency	Dozens of cycles/day

## Point

Reduced Mental and Physical Strain from Vertical Operation