

Case 32

Fixed-volume injection into a pail can

Pharmaceutical

Before

If the nozzle is not inserted vertically into the pail can, metal powder will be mixed in.

External pressure from piping puts a strain on arms and back



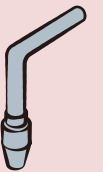
After

Axis Configuration

High Payload Model
(15 kg spec)

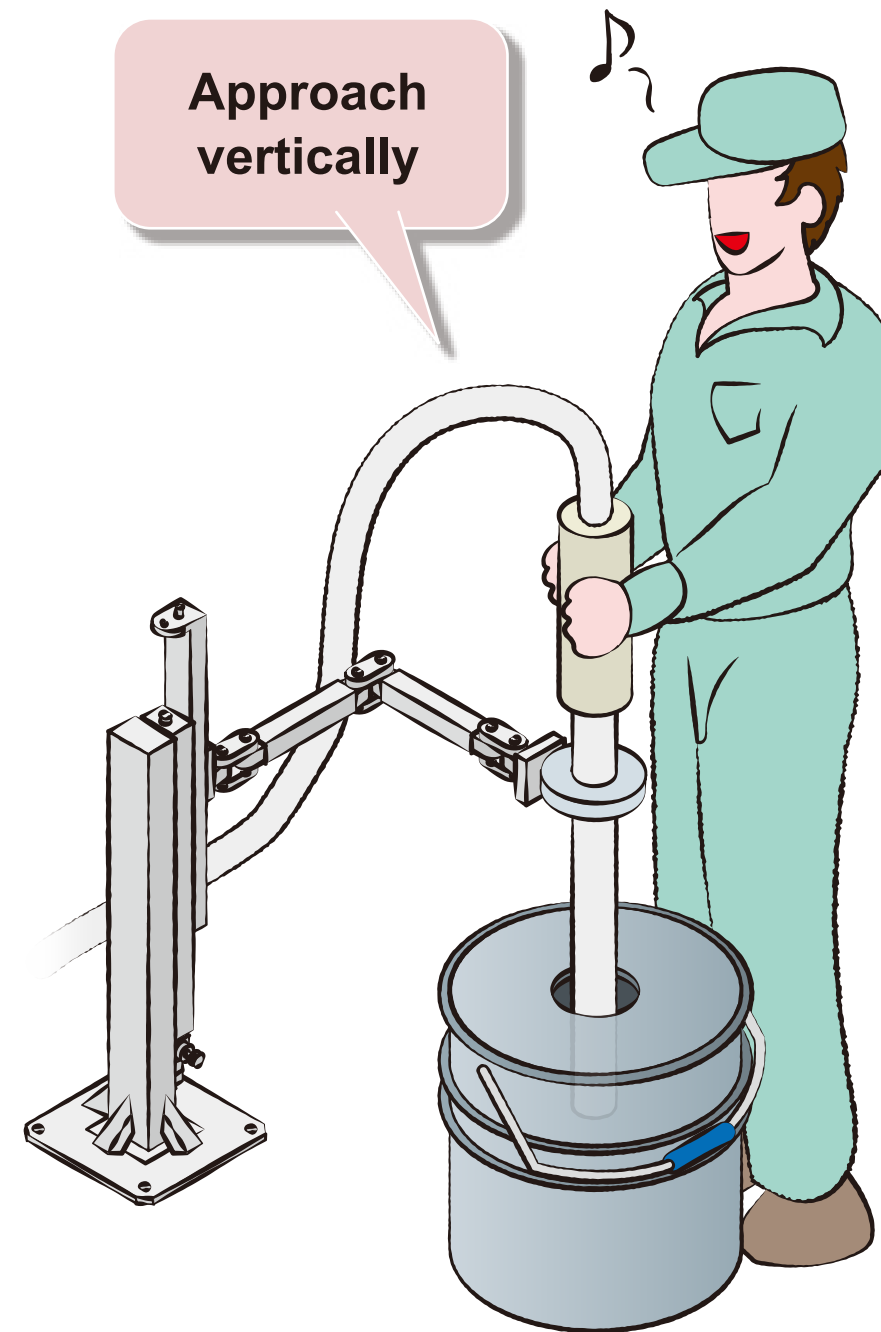
Tool

Nozzle + Piping



Approach vertically

Reduce external pressure and weight from piping



Workpiece Weight 12 kg

Frequency of Use 8 hours/day

Point

Quality Stability

Arm Lock