

## Case Studies

### Industry: Pharmaceuticals

“The Fog Engineers”  
いけうち H. IKEUCHI & CO., LTD.

#### Process: Tablet Coating

**A high cleaning capability eliminates uncleaned spots and reduces equipment downtime to prepare for a next batch.**

Cleaned but not completely.  
Need it thoroughly cleaned.

A company manufactures tablet coating machines.

A batch of tablets is loaded into a rotating metal drum in the machine for coating on the tablets' surfaces; the metal pan is cleaned with spray nozzles installed in the center of the machine.

Since the few pieces of the nozzle in the machine do not evenly clean the drum interior, the company needs to increase the cleaning capability.

It is completely cleaned with the downtime also reduced.

A rotating nozzle with the same level of flow rate as the present one but durable to a higher cleaning pressure is proposed.

Replacement of the nozzle increases the cleaning capability and enables powerful cleaning of the drum interior without unevenness.

The downtime to prepare for a next batch is reduced without worry about uncleaned spots.



Tank cleaning nozzles

#### JETATTACKER, JA series

Rotation is driven solely by the spray reaction force, and all supplied water is used as driving force and cleaning water for minimal energy loss.

Its operating pressure is from 0.3 to 3.0 MPa.



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