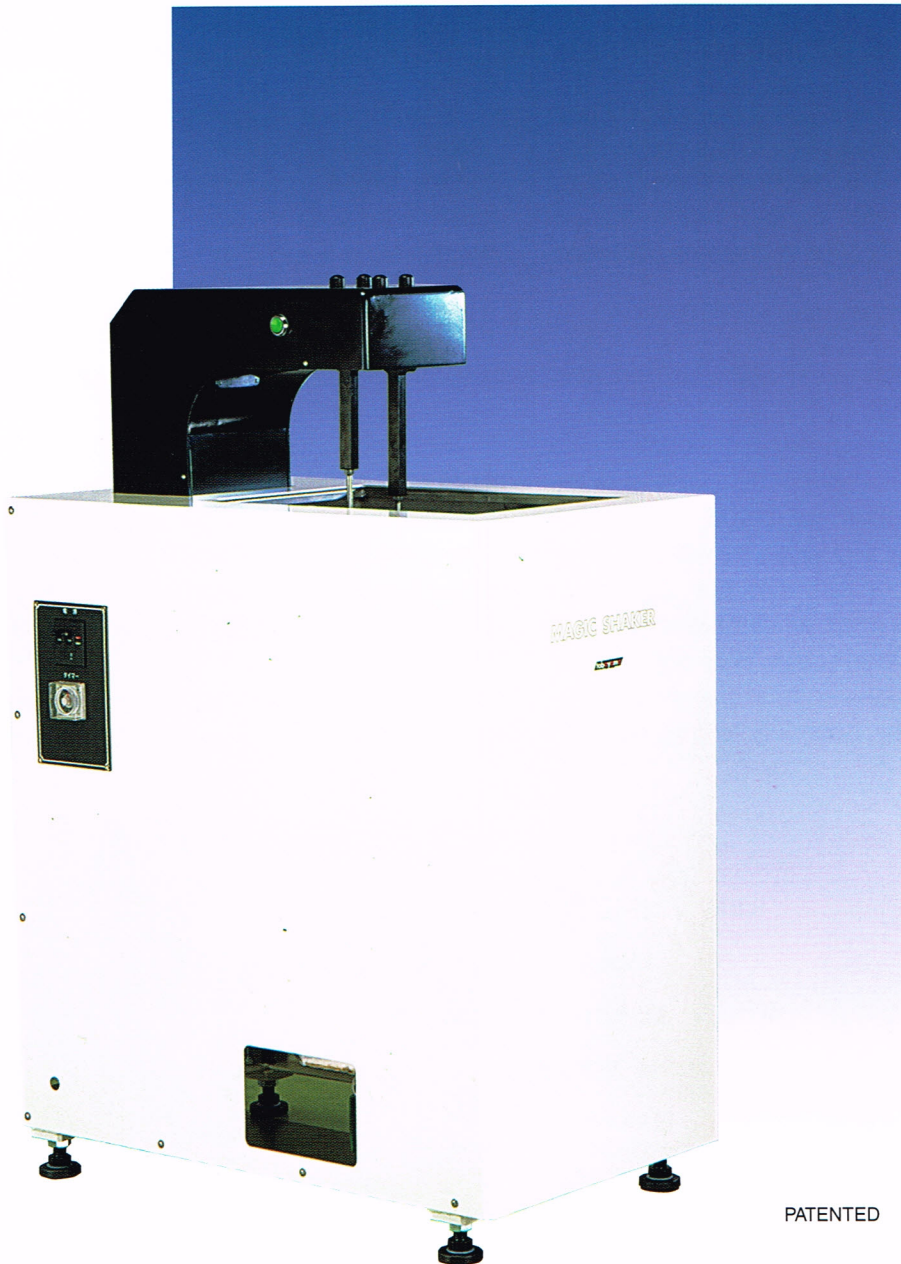


Specialized machine to remove chips in blind holes on small parts

MAGIC SHAKER

SPECIAL FEATURES

- It can deal with a large amount (max. 5kg) of all chips in blind holes on small parts in one minute at a time.



PATENTED

Easy Operations

1. Place a basket with parts inside and turn on the switch.
2. Automatic operation of three-dimensional rocking.
3. Complete by turning off the timer.

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Epoch-making rocking method has enabled removal of chips in blind holes.

Processing parts, by such as automatic lathes, have some blind holes (deep holes or tap holes). It is inevitable that chips goes into blind holes in processes and it is very difficult to remove chips in blind holes. Currently, manual air blows are most commonly used to remove it. Magic Shaker has got rid of such work, improved finishing uniformity, and realized labor saving.

Why is removal of chips in blind holes difficult ?

It is absolutely necessary to make flow of solvent in holes to remove chips in blind holes. However, inside blind holes are not vacuum but contain air. Much more, solvent cannot goes into thinner and deeper holes due to capillary action. Even when vibration is given by ultrasonic

in solvent, chips in upward holes will not come out, just accumulating at the bottom of the holes. Besides, solvent cannot goes into downward holes, because air in these holes cannot come out. For these reasons, removal of chips in blind holes is extremely difficult.

Why Magic Shaker can remove chips ?

To remove chips in blind holes, it is necessary to drive out all air holes, make solvent reach inner parts of holes easily. and make flow to pour out chips, having the same effect as penetrations. However, to wash a large quantity of parts at a time which are not uniform in direction, it is necessary to change directions of each parts in solvent and repeat the action. However, as the action takes longer, it will make surface flaws on parts. For this reason, rocking is the best way to give effect in

a short time and solves problems of flaws. Magic Shaker C-200 is the first practical machine that has enabled removal of chips in blind holes in a significant short time and at the same time degreasing inner parts of holes. It has attained the most ideal three-dimensional rocking from various rocking tests.

*It is not necessary to neatly align parts to put in.

*It cannot be used for parts which have severe flaws or sawn edges.

Specifications

Main body dimensions	530W × 850D × 1280H
Machine weight	150kg
Working power supply	AC100V 50/60Hz 1-Phase
Basket dimensions	200 φ × 150H
Maximum weight of parts to be used	MAX 5kg



Special basket

* Feel free to ask us for test cleaning

* Use Quick Dry D-300 for drying after removal of chips.

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