

AIISHIL



"AIISHIL" FLOTATION MACHINE

Flotation machine can be used to separate nonferrous metal, ferrous metal, nonmetallic mine, chemical material and recycling minerals, Each chute can inhale gas, sink magma, separate. It is easy to change the flow chart, the cycling way of magma is very reasonable. It can reduce the impurities to a great extent, there is automatic equipment on the magma surface. Easy to adjust. The impeller also owns the upper and lower retroversion blade, the upper one makes the magma cycle upward, while the lower one makes the magma cycle downward.

When flotation machine works, slurry is inhaled from the bottom of the trough to the space between impellers. Meanwhile, the low-pressure air send by fan is sent to this area through the air distributor in the hollow shaft. After sufficient mixing, the slurry is pushed out by the impeller, and then goes to the whole trough. When the froth rises to the stable level, after the enrichment processing, froth overflows to the froth trough from the overflow weir. Another part of ore slurry flows to lower part of impeller for the remit with air. The remained slurry flows to the next trough until becomes residue.

Diameter of impeller(mm)	300	350	450	550	650
Capacity(m ³ /min)	0.2-0.4	0.3-0.9	0.6-1.2	1.5-3.5	0.5-4

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An ISO 9001 : 2008 14001 : 2004 18001 : 18001:2007 Certified Company



E- mail:- infob@aishilgroup.com