



## Description

Ultrasonic sieve deblinding systems eliminate blinding and clogging of the grid. It revolutionizes powders that are difficult to sieve on sieves, allowing precise separation down to 20 $\mu$ . It also increases screening capacity and reduces screen breakage. This ultrasonic system is designed so that it can be retrofitted to any new or existing shaker/separator.

Deblinding systems can be installed on new or existing shakers for easy integration into your production line. Preventing screen overloading not only reduces production downtime, but also reduces the time required to clean the screen.

By eliminating screen blinding, this ultrasonic vibrating screen also reduces the need to repair and replace damaged screens, thereby reducing production costs. Additionally, it greatly improves the quality of the final product by allowing the line to screen on a finer mesh.

**Enjoy the many benefits that Ultrasonic Deblinding Systems bring to you:**

**Improved and consistent product quality** - maintain high product quality through improved separation accuracy

**Increase yield** - prevent mesh clogging and eliminate cleaning downtime

**Reduced costs** - Eliminates mesh damage typically associated with mechanical cleaning equipment and extends mesh life

# Deblinding Systems

Accurate screening of powders



## Application

Model (mm)	Testing materials	Ordinary screening machine		Ultrasonic vibrating screen	
		Mesh	Test results	Mesh	Test results
φ1000	Silicon carbide	500	Unable to screening	500	1500KG/H
	Tungsten powder of cemented carbide	600	No fine powder was sifted out for 15 minutes	600	30KG/H
	vitamin c powder	400	1KG/H	400	120-150KG/H
φ500	Pollen	400	No fine powder was sifted out for 15 minutes	400	Screen out 20% in 15 minutes.Fine and effective classification can be carried out in fine workmanship.
	Nickel powder,Cobalt powder	325	Screen three times to meet the requirements	400	Screen once to meet the requirements
φ400	Ndfep powder	300	32.2% residual sieve in 30 minutes	300	6.9%residual sieve in 30 minutes