Airblade Series

YOUNGPOOL TECHNOLOGY

Youngpool Technology's Airblade series dry ultrasonic cleaning machines innovatively utilize the principles of aerodynamics to generate high-speed ultrasonic airflow at the outlet of the dust removal head. By using the ultrasonic vibration and high-speed flow of air, it enables dust particles to overcome the adhesion to the surface of the product. All dust and foreign particles are then sucked away and collected through negative air pressure. This is a non-contact cleaning method that can perfectly handle various 3D surfaces, with no consumables and zero damage to the product.

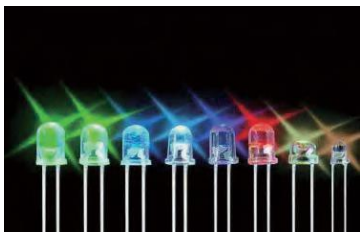
Non-contact

Widely use industries such as SMT electronics manufacturing, semiconductors, solar energy, LCD displays, lithium batteries, etc., it rapidly and efficiently removes dust particles from the surface of products to ensure the quality of subsequent processes thus improve product yield.

A-500

- No consumables ;
- Utilizes clean air as a medium for non-contact cleaning, ensuring no damage to products and preventing secondary pollution.

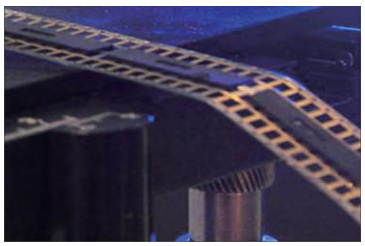
shop-floor, without contaminating the environment.
- Compact design, easy to install and maintain.



LED Industry

Display Industry

PCB Industry



Semiconductor Industry

Lithium Battery Industry

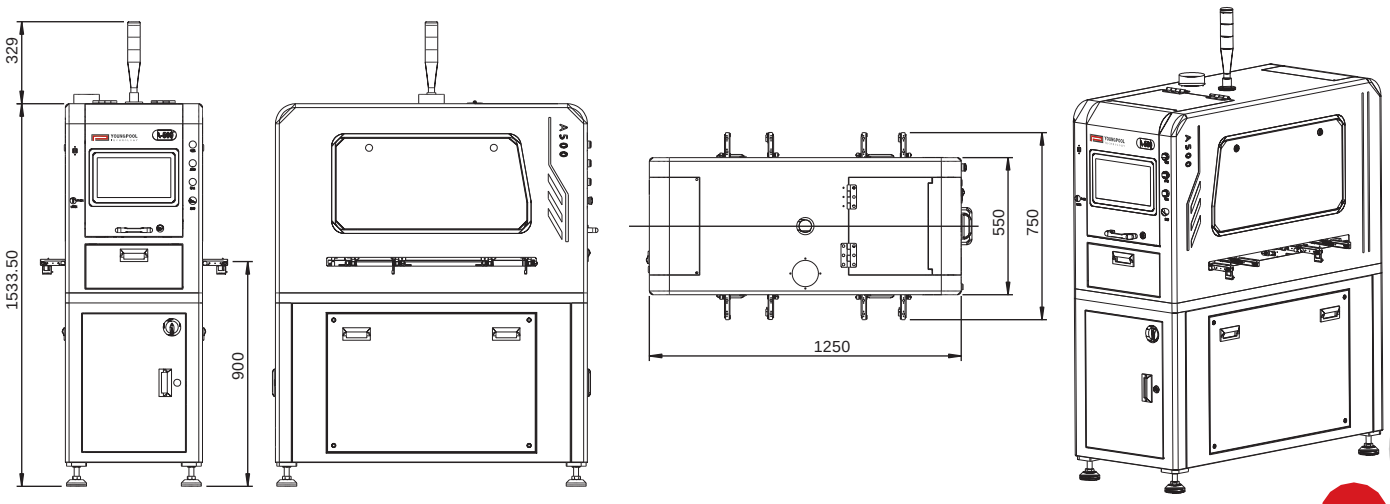
Camera Module

TECHNICAL SPECIFICATIONS

YOUNGPOOL TECHNOLOGY

Model	A-500	A-510	A-520
Track height（mm）	900±50		
Track mode	Standard single track optional dual tracks, without shuttle	Standard single track	Standard dual tracks
Cleaning product width（mm）	Single track 80-590 Dual tarcks 80-300	80-590	80-300
Cleaning product length（mm）	Unlimited	≤510	≤510
Cleaning method	Dry type ultrasonic airflow		
Air source pressure（kgf/cm²）	5-8		
Top side clearance (mm）	Max. 1.5		
Bottom side clearance (mm)	Max. 23		
Cleaning capacity	Non-sticky dust removal rate of over 97%		
MES	Optional		
Power supply	Three-phase, five-wire， 380V 50Hz		
Power（KW ）	3	4	4
Noise（db）	≤75		
Weight（kg）	365	900	950
Reference dimension（mm）	W550 x D1250 x H1530	W650 x D3400 x H1530	W650 x D3400 x H1530

DIMENSIONS



BENTEC LTD
www.Bentec-int.com

YOUNGPOOL

Play

Non-contact
No consumables

BENTEC LTD

www.Bentec-int.com