

HIGH EFFICIENCY CYCLONE

GUYSON

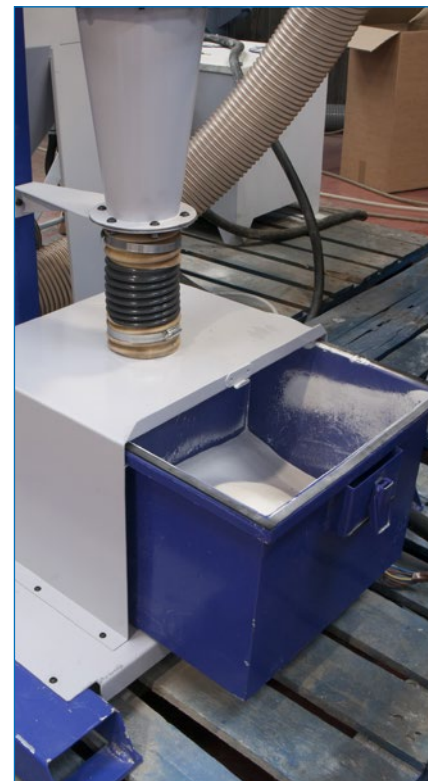


Guyson Model HE (High Efficiency) Cyclone is free-standing unit. The HE Cyclone sits between the blast cabinet and dust collection unit and is connected to the blast cabinet via the hopper elbow and ducting. The HE Cyclone extracts everything from the bottom of the cabinet and deposits the used media/blast debris in a waste bin at the bottom of the cyclone.

Guyson high-efficiency (HE) cyclone reclaimers are geometrically different from comparably-sized units in our standard model line-up. The dimensions of the body, cone and inlet and outlet openings of the HE Series cyclones are proportioned according to a separate formula, so the fluid dynamics result in a more sensitive separator that can be tuned for reclamation of exceptionally fine blasting media (400 Mesh) and also for preventing the dust collector from blinding when using such fine media.

HE Series cyclone reclaimers operate using the adjustable air flow generated by the dust collector blower and are not designed to have their own motorized blower.

Guyson offers high-efficiency cyclones in sizes that are suitable for single gun and multiple gun manual or automated blast systems. A number options are available to customize the HE Series cyclone for special application requirements.



High Efficiency Cyclone