



PORTABLE  
**DUST**  
EXTRACTORS

## Reliable, efficient answer to dry dust control problems.

Hafi elektra have designed Dust Extractors that are, reliable, efficient and cost effective solution to any dry dust control problems in industry. Dust Extractors have got wide applications in the following machines and industries : tool cutters / surface grinders, buffing machines, abrasive cut off machines, diamond polishing machines, carbon dry powder collection, wood working industry, packaging machines, trim collections, etc. It provides clean working conditions, increases operator efficiency and prolongs equipment life. The unit is compact, inexpensive and is continuously rated, making its high cleaning efficiency comparable to units selling at higher price. It is easy to operate and needs practically no maintenance.

## Principle of Operation :

The dust generated is picked by a slitted hood in an air stream generated by powerful suction blower. Dust separation takes place in two stages. In the primary stage, heavier particles are deposited into the collection container due to reduction in velocity and change of direction of air. Secondary separation occurs when the lighter dust is deposited onto the fabric by initial impact and diffusion. Hence, its accumulates to form a mat or bed, which in turn acts as filter medium with a fabrics periodically removed from the fabric by the shaker mechanism and deposited into the collection container

## Optional :

Metallic Attachment (Articulated Arm, Customized Hood, Two Way / Three Way Connections, Special Filters & HEPA Filter)

Complete Machine in S.S. 316, S.S. 304 as per GMP Norms are also available

MODEL NO.	HE - 200 D	HE - 400 D	HE - 500 D	HE 750 D
MOTOR (3 PHASE ) - hp / rpm	0.5, 2800	2, 2800	3, 2800	5,2800
SUCTION POWER - mm.wg	200	400	500	750
AIRFLOW - cubic - mtr/hr	350	700	1250	1600
CONTAINER CAPACITY - ltrs	10	15	15	15
FILTER MOC	Cotton Satin / Non Woven Polyester (5 Micron)	Cotton Satin / Non Woven Polyester (5 Micron)	Cotton Satin / Non Woven Polyester (5 Micron)	Cotton Satin / Non Woven Polyester (5 Micron)
HOSE DIAMETER - mm	60	60	75	75
DIMENSIONS LXWXH-mm	....x 550 x 830	900 x 620 x 1000	900 x 620 x 1000	900 x 620 x 1000
WEIGHT - Kgs.	40	95	95	120



Note : Our policy is one of continuous improvement & we reserve the right to change the design & specifications without prior notice.



REGD. OFFICE & MFD. BY

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(The word "Hafi" was derived from the first two letters from 'Hans Fisher' GmbH.)