

# SMART PROCESS SOLUTION

## Dust Extractor & Collector



**FUTURE BEACON**

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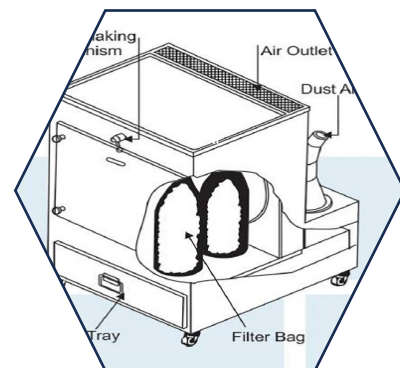
## Dust Extractor & Collector :

The Dust Extractor unit is used for controlling dust in process of tabletting, sifting, milling and packing. The unit strongly recommends the use of dust control equipment with all Tablet press and De-duster.

Dust laden air enters the collector through an expansion chamber, where heavy dust particles are deposited by gravity. The fine dust passes upwards through single large orifice and is finally collected by filter. There is an effective snap action shaking mechanism for shaking filter and dust is deposited into drawer type tray. There is a large door for changing filter bag and cleaning of the machine.

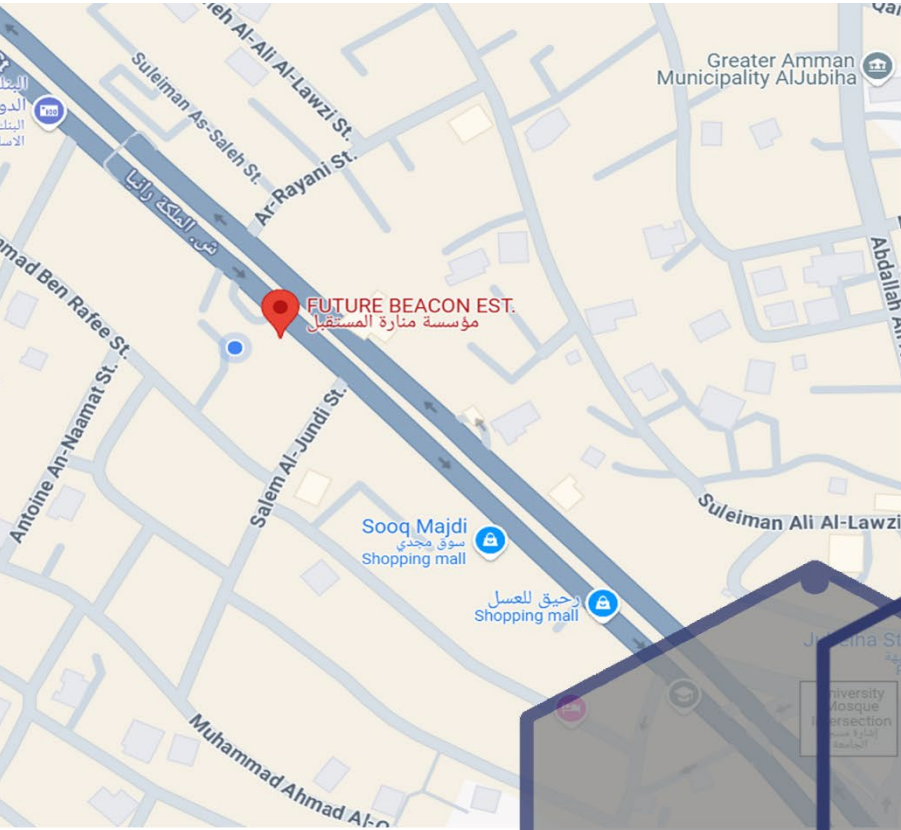
### Salient Features :

- ❖ Design is cGMP-current good manufacturing practices compliance.
- ❖ All contact parts AISI 316 & non contact parts AISI 304.
- ❖ Easy to connect all types of tablet press and De-Duster.
- ❖ Dynamically balanced blower.
- ❖ Dust collects in tray and can be reuse.
- ❖ Filter bag shaking system.
- ❖ Manifold for connect hose pipe for dia. 38 mm & 62 mm size.
- ❖ Easy mobility with castor wheel mounting.
- ❖ Option for dust nozzle for tablet press and dome type for milling & sifter machine.
- ❖ Type dust collector and extractor as per customer.
- ❖ Option for explosion proof & teflon filter bag.
- ❖ Available different capacity dust extractor as per customer requirements.

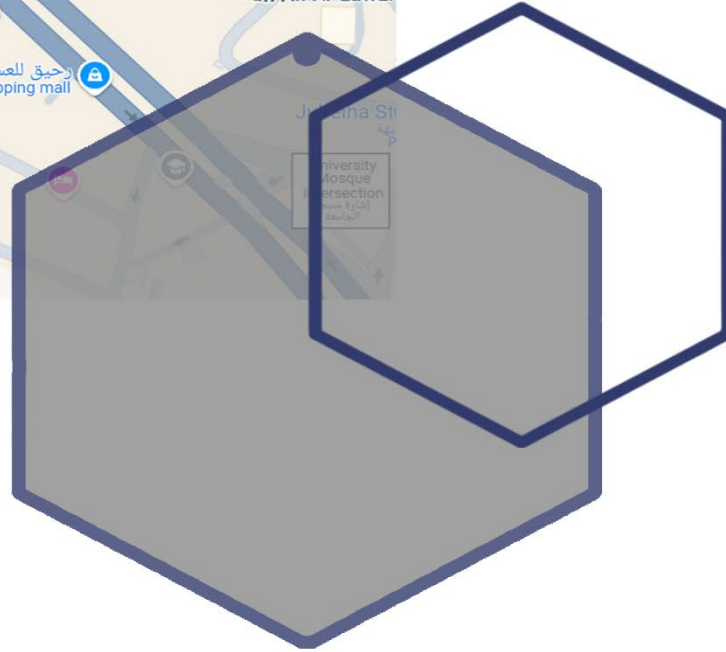


### Technical Specifications :

Model	PDE-150	PDE-300
Suction Capacity	150 cfm (255 m3/hour)	300 cfm (510 m3/hour)
Filtration Area	9 sq fit	12 sq fit
Dust Storage Capacity	3/4 cu.feet	3/4 cu/feet
Electric Motor	1 HP/ 0.75 kW	1.5 HP / 1.12 kW
Machine Dimension in cm	96 x 68 x 95 cm	104 x 80 x 109 cm
Machine Weight	70 kg	90 kg



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+962(78)9990990

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