



DUSTSCREW (Spiral Waste Bin)

Common-Refuse-Chute System for high rise apartments

Over 1,800 units of dust-screws are installed into all new Singapore Housing Board apartments since 1990 . Prior to the implementation of Dust-screws , many foreign workers were employed to collect the black bins manually . Waste were exposed and hygiene standards were compromised . The foreign workers also added to our social cost . With the Dust-screws, waste handling is efficient & almost one-man operated, hence operating cost were brought down tremendously and hygiene standard raised.



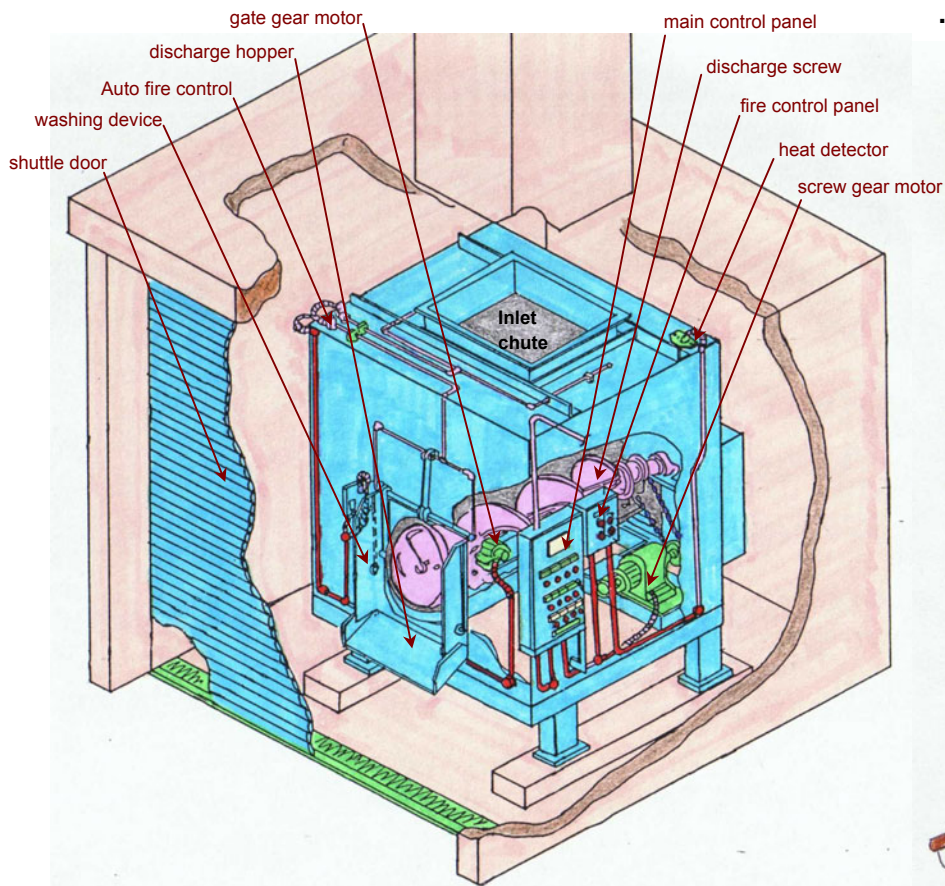
The Dust-screw bin center is so inconspicuous & hygienic that the designer no longer have to worry where the bin-center is located.

The above bin centers of these public-apartment blocks in Jurong (Singapore) faces the main road just opposite a food center .



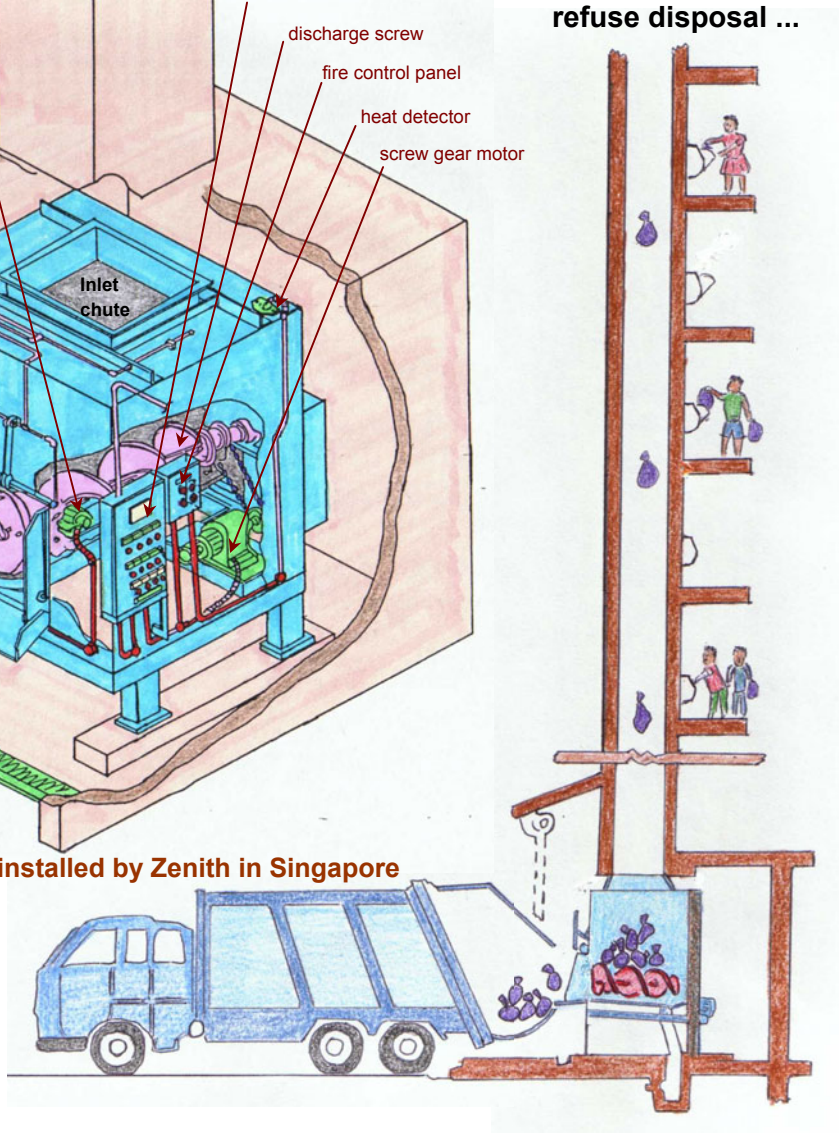
With the roller-shutter drawn down, one can hardly tell (nor smell) that within, stores the refuse collected from more than 150 families .

- 1) Totally enclosed
- 2) Constant drainage of sludge water
- 3) Fully automatic operation
- 4) Automatic water spray after each discharge operation & periodic flushing
- 5) Automatic fire detection , alarm & sprinkler system
- 6) Flexible capacity to suit application & site-dimensional constraint



... a better way for refuse disposal ...

Since 1990, over 1,500 units installed by Zenith in Singapore



Zenith Engineering Pte Ltd

No 34, Joo Koon Circle , Singapore 629060

Tel : (65) 6861 1100 Fax : (65) 6862 1948