

# Spiral Waste Bin System

Refuse Storage & Handling Solution

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## THE SPIRAL WASTE BIN SYSTEM

The "Spiral Waste Bin" is a screw type refuse storage and handling machine which can sanitarily store a large quantity of refuse discharged from both commercial and residential premises. The Spiral Waste Bin can effectively store a large quantity of refuse in a relatively small space because it effectively utilizes a three-dimensional space at its installation area. In addition, the stored refuse can be automatically loaded into a refuse collection vehicle without manual handling by the collectors.

The Spiral Waste Bin system can be customised to handle low volume domestic refuse (4.0 cubic metre) to high volume commercial refuse (24.0 cubic metre). The Spiral Waste Bin system is easy to operate and the heavy-duty construction will ensure a long working life.



## CONVENIENT & USER FRIENDLY

The Spiral Waste Bin is housed in a Bin Centre constructed according to our recommended dimensions. Refuse is transferred into the Spiral Waste Bin for storage through the use of the attached Bin Lifter System. The Bin Lifter System will mechanically lift Mobile Garbage Bins (120, 240, 360 & 660-litre) and empty the contents directly into the Spiral Waste Bin.

Once the refuse is emptied into the Spiral Waste Bin, the refuse is housed in a sealed enclosure minimising odour and resulting in a cleaner and healthier environment.

## TRANSFER OF REFUSE INTO RCV

When the refuse collection vehicle (RCV) arrives, it will reverse towards the Bin Centre door opening and connect with the Spiral Waste Bin's discharge gate. All the RCV driver needs to do is activate the discharge sequence via a simple switch. The refuse is mechanically transferred into the RCV without the use of manual labour. The entire process takes 5-8 minutes and is relatively noise-free and odour-free.

## WIDE RANGE OF APPLICATIONS

The Spiral Waste Bin System is applicable to both commercial and residential properties where large quantities of refuse are generated. The system controls the odour & leachate water generated by such refuse and improves significantly both the hygiene and appearance of the property.



## MAHA MEKAR SDN. BHD. : THE COMPANY

Maha Mekar Sdn. Bhd. was established in 1995 and specialises in Environmental Engineering Equipment & Services. We provide preventive and corrective maintenance services for all our Spiral Waste Bin Systems to ensure a long working lifespan and totally reliable and trouble-free operation of the system. We also have a comprehensive maintenance programme to back our range of refuse storage and handling systems.

Our Spiral Waste Bin System has been successfully utilised in the Klang Valley since 1999. To date, we have over 350 installed sites and our customers include both the government sector and private sector. Some of our customers include the following :

Dewan Bandaraya Kuala Lumpur > Majlis Bandaraya Shah Alam > Perbaradaran Putrajaya > Kementerian Pertahanan Malaysia > Jabatan Perdana Menteri > Majlis Bandaraya Ipoh > PJ Development Group > Perdana Parkcity Group > TTDI Harta Berhad > Berjaya Land Group > Brunfield Group > Faber Union Berhad > YTL Group > Sunrise Berhad > Landmark Properties Berhad > Road Builder Berhad > Pantai Medical Centre > CSRC Sdn Bhd > Mayland Development Group > IJM Berhad > E&O Property Development Sdn Bhd > UOA Holdings Berhad > Sunway City Berhad > Crest Builder Sdn Bhd > Plenitude Bhd > Wangsa Land Sdn Bhd > Setapak Heights Development Sdn Bhd > Ireka Group > Glomac Bhd > SDB Properties Sdn Bhd > Kiararam Development Sdn Bhd > UE Group Bhd > UM Land Sdn Bhd > Bandar Raya Developments Bhd > Malton Group > Zelan Group > Low Yat Group > G Tower Sdn Bhd > Clearwater Developments Sdn Bhd > Beneton Properties Bhd > Mandy Corporation Bhd > TA Properties Sdn Bhd > Taragon Capital Sdn Bhd > HR United Group > TSI Domain Sdn Bhd > Bedford Bhd > Land & General Berhad > Monoland Corporation > Akisama Land Sdn Bhd > Metro Kajang Holding Bhd > Sycal Bhd > Bolton Bhd > etc



DESIGN & FABRICATION OF SYSTEM

INSTALLATION & COMMISSIONING OF SYSTEM

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