

Solid Waste Storage Container  
Loading Capacity Features

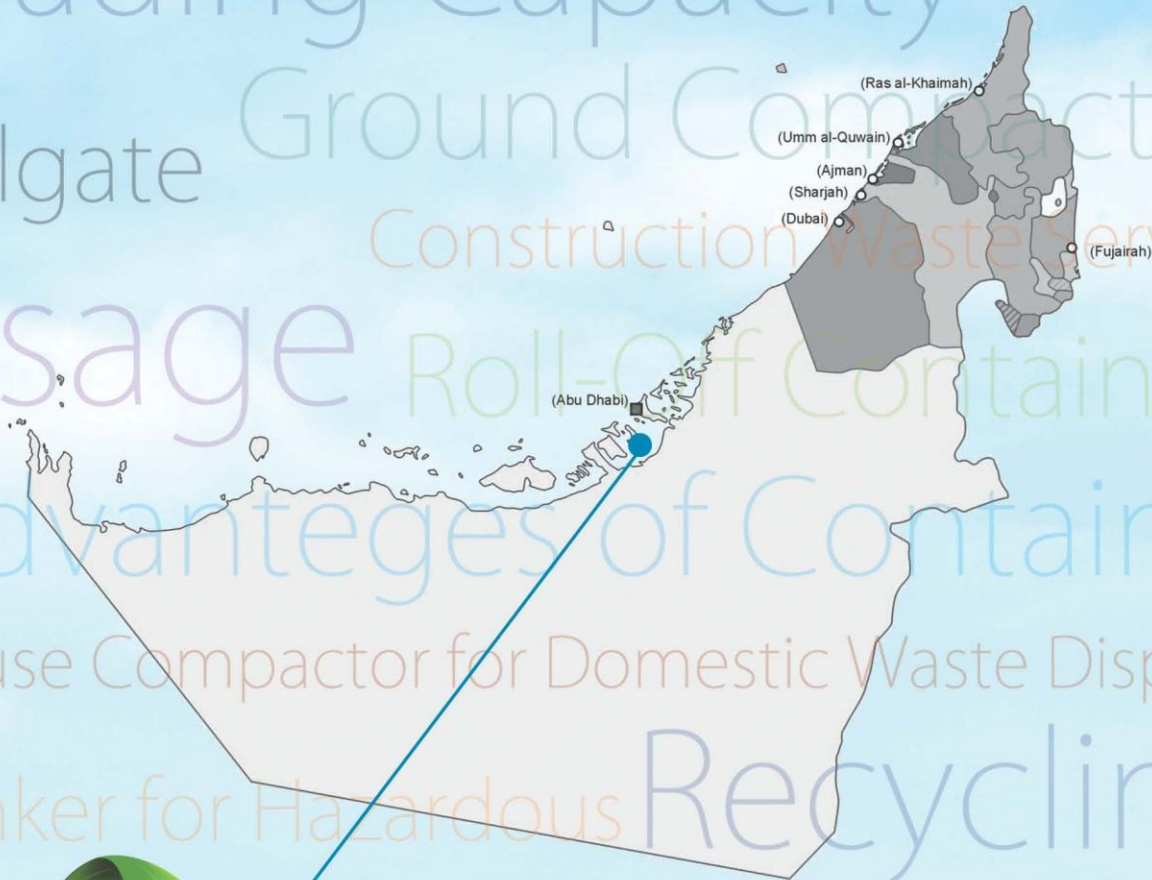
Tailgate Ground Compactors

Usage Roll-Off Containers

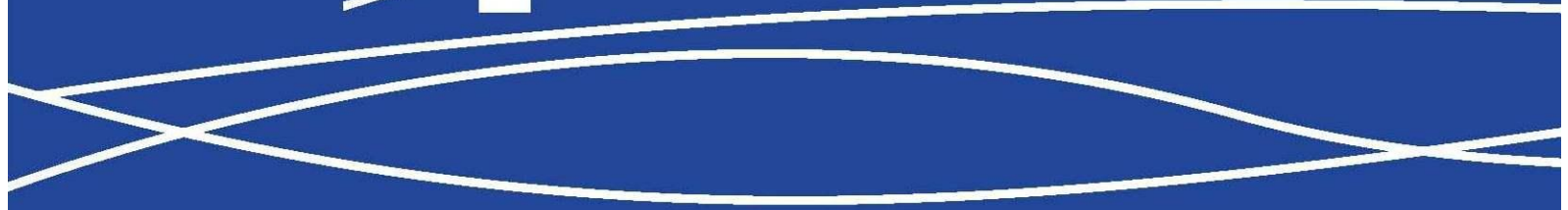
Advantages of Container

Refuse Compactor for Domestic Waste Disposal

Tanker for Hazardous Recycling



WHY Z&A



MANAGING TODAY'S WASTE .....  
FOR TOMORROW'S RESOURCES



# WHO WE ARE ?

Z & A Waste Management was established in 2004 in Abu Dhabi by Mr. Ali Omar Zaid Al Braiki who is the owner of the company.

Our services are removal of liquid waste & solid waste by tanker and bucket type container Cbm skips. Z & A Waste Management tops the heap in the UAE solid-waste industry. Through subsidiaries, the company serves residential, industrial, municipal, and commercial customers in the UAE. Its geographic groups and functional groups (Recycling and Wheelabrator) provide waste collection, transfer, recycling and resource recovery, and disposal services. "In line with the vision of our wise leadership and in efforts to develop growth in Abu Dhabi, we at Z & A feel that creating a specialized, state-of-the art facility built and designed according to international standards capable of handling hazardous waste is essential for a green footprint and development within all the Emirates," states Mr Ali Omar Zaid, Chairman of Z & A Waste Management company.



# Z&A VALUES

Z&A has been built on the character of its people and through them commits itself daily to the highest standards of performance, integrity and business practices. The Centre for Waste Management of Abu Dhabi, actively endorses its aims to promote best practices in all aspects of waste management policy making within the UAE.

## ISO and Standards of Excellence

No aspect of company principle illustrates Z & A's unwavering commitment to excellence more than that of our commitment to environmental stewardship. Z & A chooses to shoulder its responsibility in ensuring that its operations do no harm the precious natural heritage entrusted to us for the benefit of future generations. The company gauges its success in maintaining and improving performance by subscribing to internationally accepted ISO standards of excellence.

### ISO 9001 - 14001

ISO 9001 is the standard for systems pertaining to quality management, covering all key processes, management and procedural compliance within the business framework. Implementation creates an ever more efficient, effective operation resulting in increased customer satisfaction and enhanced benefits for all stakeholders.

ISO 14001 will reduce your waste and give you a smaller carbon footprint. It will also assist in reducing your energy and insurance bill and lower your environmental liability.





# OUR PEOPLE

Z&A is an industry force that is due mainly to its people. They constitute the only asset without which the organisation would cease to function. The company takes every step possible to promote the overall stability and individual excellence of its workforce. An enviable record of achievements in the field of Occupational Health and Safety bears testament to the importance the company places on the continued wellbeing of their workforce.

## **Skills Development**

The company actively promotes workplace equality and seeks to eliminate any form of unfair discrimination. It values individual uniqueness and constantly strives to create opportunities for continued learning and advancement within the company, by making available study loans and promotion opportunities. Understanding that each of its employees are representatives of the company Z & A encourages ongoing job-specific training as well as skills development beyond that which may be necessary for the individual to perform their current daily function

## **Communication**

Communication skills are paramount to developing a successful working environment and figure highly in the company's human resource development priorities. It aims to inspire and then enable individuals within the organisation to achieve personal goals which go to develop close, mutually productive relationships within the company.

# OUR AIMS

The fundamental basis to all aspects of successful waste management lies in the efficiency of the handling methods employed. The high cost of transport dictates that the most appropriate system must be utilised if the most cost effective service is to be offered.

- We strive to achieve the best and make our work extraordinary.
- We aim to become a regionally recognized brand name, synonymous with Quality, Safety and Value.
- To provide the best services that will address and satisfy our customer's needs, requirements and expectations in a cost effective way.
- Our major aim is to remove the waste on time and at the same time promote first-rate environments for the customers.
- Our strategy is good services and most competitive price for our customers.
- To be known as a reliable, efficient and services minded company.
- To employ the best industry practice and endeavor for excellence through total continuous improvement and innovation.



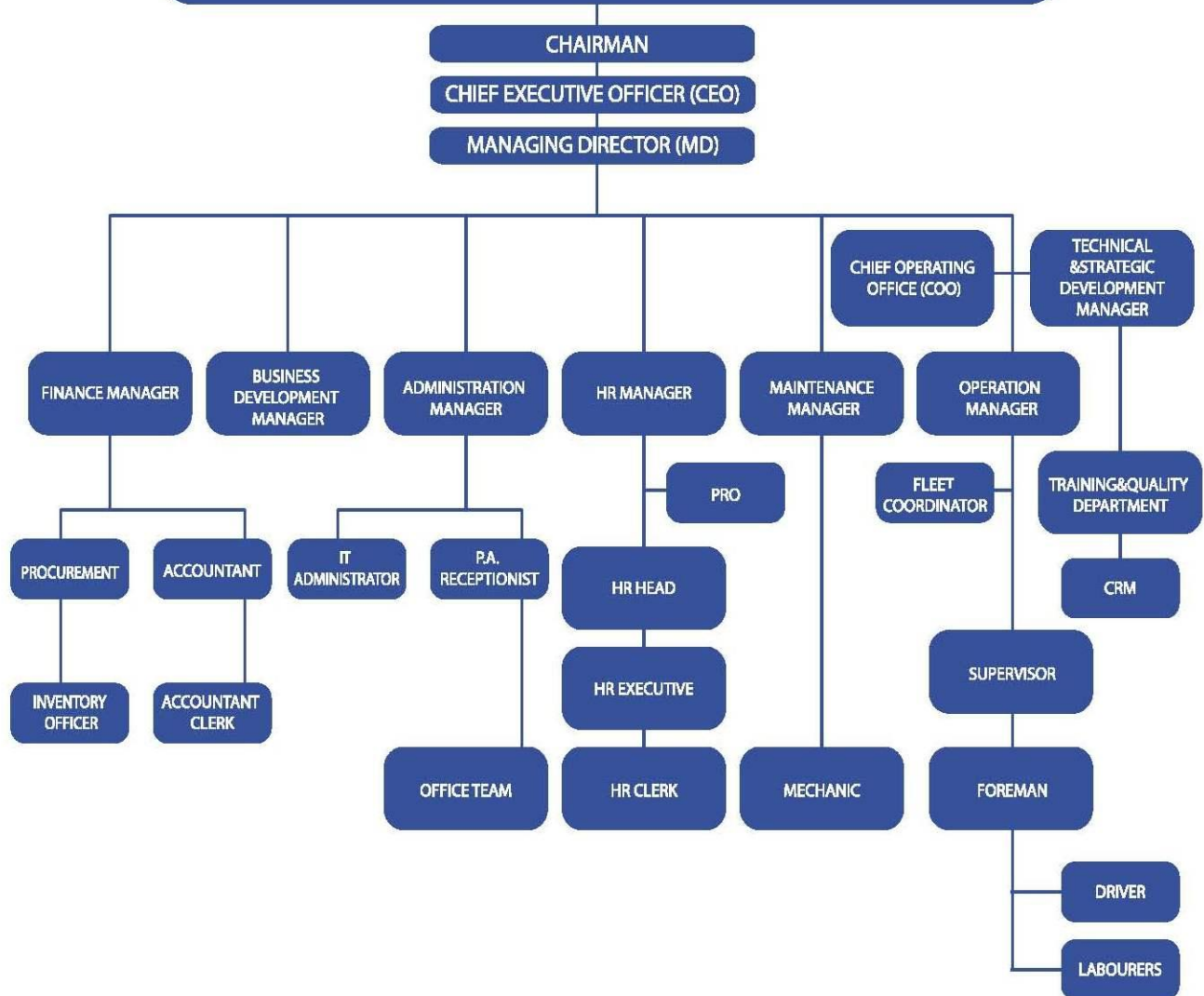
# REFERENCES

Few of our Valuable Customers





# Z&A WASTE MANAGEMENT & TRANSPORT ORGANISATION CHART





WHAT WE DO



WE EXTRACT AND DISPOSE  
OF MATERIALS PRODUCED BY  
HUMAN ACTIVITY IN A HEALTHY,  
ENVIRONMENTALLY FRIENDLY AND  
AESTHETIC MANNER.





# WHAT WE DO ?

Sectors	Industries	Waste Types
Waste management Enviromental solution Facilities management Landscaping gardening & greening Water Marine Energy	Oil & Gas Construction Commercial & Retail Leisure & Entertainment institutions Industrial Manufacturing Automotive Chemical & pharmaceutical Petrochemical Healthcare Utilites Transportation & Ports Infrastructure Real Estate Residential Communities	Municipal Solid Waste Construction & Demolition waste Liquid Waste Industrial Waste Hazardous Waste Medical & Clinical Waste Electrical & Electronic Waste Source Separated Recyclables
Products		
Containers Trucks Process Lines and Equipment Plastic Separators Reverse Vending Machines Recyclable Material Recycling Schemes		



# OUR SERVICES

## Solid Waste Storage Container

**Z&A** offer a comprehensive waste collection, transport, treatment and safe disposal service that is designed to offer the waste producer a cost effective alternative to traditional landfill disposal routes. We can provide scheduled collections on a daily, weekly or on-call basis.

Also we provide a comprehensive collection and disposal service for producers of hazardous, difficult and special wastes. If you require any special skips for Asbestos (Fibrous and Cement Bonded), Plasterboard or any other Dusty Materials we can provide you with an enclosed Skip to satisfy your needs.

Our teams of fully trained professionals will source and advise you on the safest, most economical and environmentally friendly disposal options to fully audited disposal facilities.





# Z & A EDG

We ensure all parties legal obligations are carried out in accordance with all applicable legislation.

We offer a wide range of containers from a 4 cubic meter up to a 40 cubic meter, including site segregation for:

- Paper
- Cardboard
- Plastics
- Wood
- Glass
- Plasterboard

We provide skip hire and specialist bin containers to satisfy any customer's waste requirements whether it's a small skip outside your house or a roll-on roll-off bin for a new development.

We endeavour to deliver your skip as quickly as possible and target a response within 24 hours of you placing an order with one of our friendly staff. To prove we are unbeatable on our efficient service and to help entertain our clients we have developed a customer satisfaction that truly demonstrate that we really are one of the world's fastest skip service provider.

## Construction Waste Services

We specialise in the reprocessing and recovery of construction and demolition waste from one-off construction sites or extensions to large scale new building and demolition projects.

We offer an extensive range of containers from:

- 4 cubic meter mini skips
- 6 & 8 cubic meter – builder's skips – including our purpose built low end skips
- 10, 14 & 16 yard open skips for high volume waste such as wood waste or factory refits.
- 4 & 14 cubic meter enclosed bins for higher security sites
- 20 cubic meter roll-on roll-off bins for inert waste

By using our own purpose built MRF it allows us to pass on the significant savings to our customers via reduced collection charges.





# Z & A EDG

## Ground Compactors

We help to save your energy, save your money and long term usage by providing ground compactors of various sizes and types.

Z & A offers ground compactors as an extremely clean solution for shopping malls, food manufactures and heavy accommodation camps. Rental facilities are available on our full range of compactors at very competitive rates as per your requirements. We are proud to report that 90% of the total number of shopping malls and hypermarkets within the Abu Dhabi Emirate are using our compactor services for their various types of waste management requirements.



### Features:

If, space an issue a waste storage compactor can be the ideal solution to reducing high volumes of waste. Even the smallest compactor can achieve minimum payloads of two tons and upwards. Larger compactors often achieve as much as twelve tons. When full, the whole compactor is taken away by replacing it with another one. One of the major advantages of our compactors is that they are leak proof, a big plus for companies who generate





wet waste. Ground compactors have many benefits including reduced fire risk and improved hygiene due to less refuse spillage along with restricted entry to vermin, insects and by minimizing odours because of its closed design. Portable compactors are more suited for food waste applications.

### Advantages of a Container :

- Decreases waste transportation costs by 10 times.
- Well sales condition and long term use Good sales condition and long term use..
- Protection from bad odours and spreading of diseases
- Eliminates possibility of water contamination
- Impossible spreading of waste by wind or people
- Simple use and manipulation.
- Control of filling and easy emptying.

When you put waste into a skip or container without compacting it, the unused space could be doubling your disposal costs. As much as 50% of the space in an uncompacted container can be air. Compacted waste is much easier to handle as reduced volume means any available storage space is free to be put to other uses. Our portable compactors can be used to achieve a volume reduction ratio of up to 5:1 on a selection of waste materials.





# Z & A EDG

## Roll-Off Containers

Z & A offers the industry's most complete line of roll-off containers for all your application needs. Our roll-off containers are built to last, plus our huge nationwide ready-to-ship inventory means faster, more complete service.

We offer 10, 16 & 20 metric cube open top roll-off containers to meet the needs of contractors, building professionals, businesses and homeowners. Roll off containers are the large containers that are usually located at factories, business centers, schools, behind restaurants and grocery stores and in shopping malls. We offer same and next-day service throughout our service areas, with guaranteed container drop-off and pickup based on your needs.

For sites with bulk waste requirements, where a skip is not big enough we also offer roll-on roll-off containers. We serve a wide range of customers throughout Abu Dhabi, from major businesses and construction sites to private individuals, and can offer flexible hire periods and container changeover schedules to suit all needs.



## Usage:

- Heavy construction & demolition waste
- General waste
- Recyclable material
- Dry non-hazardous waste
- Wood waste
- Industrial & commercial waste
- Large volume non-compactable bulky waste

## Recycling

We provide appropriate containers for commercial and residential customers to separate their waste at the source. We also install reverse-vending machines in supermarkets, and other convenient points, so that people can return bottles and other recyclables in return for vouchers..

## Refuse Compactor for Domestic Waste Disposal

We pride ourselves on the quality of our customer service. With many years experience in the refuse collection and waste disposal industry, we deliver more than just a responsible, reliable and ethical service.

The waste disposal systems implemented by Z & A offers complete transparency, and we work hard to maintain an ethical approach to waste disposal. Z & A





# Z & A EDG

has always promoted the segregation of waste materials. At present we have dedicated days for different waste streams.

From major fit-outs and renovations, to smaller commercial or domestic works, Z & A has the ability, knowledge and experience to deal with all aspects of waste disposal.

At Z & A we work alongside our customers, offering the best, most up to date advice and guidance on waste disposal and management processes. Our work ethos has attracted some first class clients, and we are currently the preferred waste contractors for major companies.

Our services range from bulk haulage projects to removal and disposal of hazardous waste material to major fit outs and renovation projects. Regardless of the waste disposal requirement, Z & A can take care of it.

Rear-loading refuse collection vehicles with a full width large capacity hopper utilizing a hydraulically operated compaction system, achieves compaction of 750 to 850 lbs per cubic meter.



## Loading Capacity

- Volume: From 18 cbm to 23.5 cubic meters.
- Payload: 8000 to 9000 kg of compacted refuse (depending on nature of garbage)



## Tailgate

- Hopper Capacity: 5 cbm cubic meters
- Hopper Width : 2.03 m, load opening 1.168m
- Cycle Time: 2226 – seconds.





# Z & A EDG

## Container Lifting Equipment

- A hydraulically operated winch rated at 10,000 lbs of lifting capacity and suitable for handling up to 7 cubic meter capacities.
- A hydraulically actuated mechanism suitable for handling 1100 litre container to DIN 30700.
- Hydraulic operated winch (10,000 lbs) + Arm mechanism to handle 1100 litre containers to DIN 30700 plus 2.5 Cbm containers to DIN 30738.

## Tanker for Hazardous or Non-Hazardous Liquid Waste Disposal

If you are looking to hire a vacuum tanker for the removal of liquid or hazardous waste disposal then we have the equipment and skilled technicians to do the job. With many satisfied clients throughout UAE we have developed a reputation as the first choice when you have a complex project which requires the removal of any forms of hazardous or non-hazardous liquid waste disposal.

For this reason, we operate our own fleet of high pressure vacuum tankers with air pumps.



D G E Z & A E D C  
GE Z & A

This enables us to remove the waste and dispose of it at approved treatment or disposal sites depending on the type and composition of the waste. Our specialised pumping equipment can transfer residues to a distance of 600 metres with a 20 metre vertical lift, while our tanker has a pump capacity of 3000 CFM.

Within our fleet of high pressure vacuum tankers our capacities range from 3000 Gallons up to 12,000 Gallons with the capability for suction up to 100ft in depth. This gives us simply the distinct advantage to cope with the demand of both domestic and commercial customers.

Gas detection equipment, breathing apparatus and entry/escape tripods are provided with our vehicles as standard.

We are also contactable out of hours for emergencies as our telephones are manned 24 hours a day, 7 days a week.

ISO 9001 and ISO 14001 Registered - This means that we are recognised internationally as having the highest quality systems in place

### Hook Truck

Our heavy containers and compactors are collected from the site by the hook truck and transported to the dumping area where the container is emptied. The container is returned to the customer as per his request. Due to the large quantity of waste transported the number of trips or frequency of emptying can be reduced.





# Z & A E C

The 7.5 m<sup>3</sup> to 20 m<sup>3</sup> containers are commonly used at: Warehouses, Refineries and Petrochemical Plants, Factories, etc. Special modified containers are available or customised to customers requests, such as: Oil Storage Containers, Site Offices, Tool Containers, Compactors, etc



## Skip Loader Rental Services

If you are looking for skip loader on a monthly or daily rental basis we can fulfill your requirements. Such services are provided specially for oilfield companies as strict environmental health and safety regulations must be adhered to. Categorically we take these concerns seriously. For over 15 years we have built up a reputation as a provider of turn-key waste disposal services for the oilfield sector. We listen to our customers, and we meet and exceed their expectations as a safe and clean waste management company.



D G E Z & A E D C  
Z & A

We can provide waste advice and services specific to your needs all for one no-nonsense price - with no hidden extras. Z & A can normally save companies at least 15% on their current costs. In addition we meet all the legal environmental requirements set out by the Government and directly produce duty of care notes



### Additional Services

We are providing different types of wheel bins with reference to our customers requirement. Mostly these bins are suitable for kitchen areas, store rooms, work areas, etc..





# Z & A EDG

## Hazardous Waste Collection

The qualified staff at Z & A will work with you to dispose of your hazardous material in an environmentally responsible manner. We also help your business to minimize its risks and reduce its liabilities from fines, lawsuits, sanctions or other legal or regulatory actions that can result from improper hazardous waste disposal. In this regard you can trust Z & A's hazardous waste disposal services because we are collecting your hazardous waste only after receiving the proper approvals from the Abu Dhabi Waste Management Center (CWM). Approvals are obtained on the basis of an application against the nature and quantity of the waste with specific reference being applied to your MSDS and our sample analysis report

## We are your experts in safety, reliability and compliance.

Z & A Waste Management has experience with all kinds of waste. That is how we can bring you the industry's leading team in safety, reliability and technical sophistication. We do the work so it's easier for you to stay compliant. While we recommend that you abide by your local jurisdiction's procedures for hazardous waste check out these resources to help you get started disposing of your hazardous materials.

## Household Hazardous Waste Drop-Off Locations

There are a lot of products that we use every day around our homes, such as batteries, household cleaners, cosmetics and medications that need to

GE Z&A EDC  
GE Z&A

be disposed of in a special way. These items are classified as “household hazardous waste” (HHW), and should never be discarded in a sink, storm drain or in your household trash -- instead such items should be taken to a household hazardous waste collection center. Hypodermic needles, syringes, lancets or other «sharps» that might be used at home for certain medical conditions can be harmful, too, if thrown in the trash -- safely dispose of these sharps by following instructions. We can't simply throw HHW away because if these items were buried in a landfill, they could potentially contaminate our groundwater with harmful ingredients

### Mechanical sweeping

Special vehicles maintain highways, main roads, pathways and car parks. We optimize routes, increasing frequency in high-profile areas or where more waste is produced. Our fleet includes several vehicle types depending on the terrain.





# Z & A EDG

We are providing different types of sweeper machines for various cleaning purposes in accordance with our client's requirement.

- Main Brush: 122cm. Nylon
- Side Broom: 61cm. Poly, Retractable
- Hopper: 620 Litres
- Dump Height: 162 cm.
- Swept Width: 157 cm. with one side brush
- Theoretical Coverage: 17,175 m<sup>2</sup>/hour
- Power Climb: Extra Ground Clearance
- Dimensions: 268(L) X 153(W) X 206(H) cm.

## Manual sweeping

Teams sweep roads, streets and pavements on foot and empty litter bins in residential and commercial areas. Routes are planned to ensure that waste is removed promptly and streets remain clean.



## Street washing

Vehicles equipped with water tanks and high-pressure pumps and water-jets ensure that roads and paved areas are maintained in line with agreed cleaning schedules.

## Medical Waste service

**Our medical waste pickup service makes it possible for any healthcare facility to conveniently schedule medical waste pickup and disposal.**

With multiple container sizes and reliable services, we can customize a disposal program that fits your facility's unique needs. We also offer predictable billing with no hidden fees, so that you can budget accurately

### **Delivering solutions that create extra value and instant relief.**

Your facility can choose from a variety of safe, secure containers to store your medical waste until collection.

In addition, we offer valuable support and training materials, like OSHA blood-borne pathogens information, that help keep your employees safe and compliant.

With this reliable, predictable program in place, you can concentrate on what you do best — taking care of your patients.





### Marine & beach cleaning

As well as keeping sandy areas and shorelines clean, special vehicles pick up floating debris within marinas and lakes.

### Tunnel cleaning

Special vehicles fitted with high-pressure hot-water systems and detergents use brushes and spray bars to clean walls, ceilings and lighting strips in tunnel crossings and underpasses.

### Benches, lights & signposts

We clean any street furniture including statues, traffic-lights, public phone booths, planters, street name signs and direction boards..

### Confidential Paper Shredding Service

Confidential paper shredding is conducted on-site by our Shredding Vehicle prior to documents being shredded they are authorised and sign off on Z&A form by the company General Manager or Managing Director.

### Graffiti removal

Graffiti build-up in a number of public areas is removed chemically. Surfaces frequently at risk are treated to limit repeated damage.



## Public toilets

Public conveniences are maintained and cleaned on a regular basis.

## Tree trimming

Trees must occasionally be cut back to maintain public thoroughfares. Trimming is carried out on request with the collected material recycled where possible.







Why Recycle





# Z & A E D G

## Waste Recycle and Segregation

### What Recycle?

Recycling is the process of collecting materials that are often considered trash which can be remanufactured into new products, resold and used again. It is made possible by people who separate the recyclable products from their trash and send the items to a recycling center where the products are reprocessed into new items.

### Why is recycling important?

Recycling is more important than ever because just throwing away trash in a landfill or digging a hole and burying it is not a solution to the waste problem. Most natural trash items like food can break down and decompose in a matter of weeks, leaving no trace of it in the environment. But for man-made products like glass, plastic bags and aluminum cans it may take months or 100's of years to break down.



## Recycling Programs

We have initiated recycling program which can save tons of recyclable products from being dumped into overcrowded landfills. Recycling programs give you an opportunity to meet others with eco friendly interests and prevents a large amount of land and water pollution. We have the facility to recycle the following waste:



## Plastic Waste

There are over 50 different groups of plastics that are produced, and all are recyclable. Yet only 5% of all plastic products is recycled globally. The best way to recycle plastics is to sort them by their number code. We shred and make granules to reduce the volume for transportation to the factories to produce new products.

With our specifically built reception area we can accept or collect plastics either in a loose or baled format for most grades including PET, HDPE, LDPE and polythenes which can be baled in one of our baling plants. This allows us to optimise the individual bales with the highest possible specific weight.

Further this allows for cost effective transportation to our partners who are the final reprocessors. With our export status and loading facilities we can ship to the most viable market in the world. This saving can be then shared with our customers to encourage further segregation allowing all parties the benefits from large economies of scale.

We can provide bins on site for source segregation. We will also assist with onsite advice on the best approach



## Scrap Metals Waste

Every day we use huge quantity of steel and aluminum cans, but not even half of them are recycled. Recycling metal can create new parts for cars and buildings, as well as containers for food. After semi process, we send them to certified mills to produce new products.

With a fleet of over 1000 skips and containers we are keen to encourage customers to segregate. We can provide bins for the provision of scrap metals of any type. These savings can be passed on to the customers. Delivery to the site will attract payments. We also accept and collect mixed metal items including incorporated and manufactured items.

## Cardboard & Paper Waste

Paper is the number one solid waste product. It takes 40% less energy to manufacture paper from recycled paper than from milled wood. Recycled paper also uses fewer chemicals, bleaches and dyes. After the semi process we send them to certified mills which produce new products for common use.





# Z & A EDG

Paper & Cardboard is an area that many companies have made a conscious effort to recycle. We can assist with the provision of bins. These bins can be collected on a regular or on an ad-hoc basis. Z & A also accepts a wide range of cardboard and paper of various grades delivered to our site.

Much of the cardboard and packaging materials are suitable for use by board manufactures. This is generally remanufactured into cardboard boxes. The paper collected is primarily reused for newspaper print to reproduce tomorrow's newspapers. For more detailed and information don't hesitate to contact one of our staff for further information..

