EDGE supply waste volume reduction solution to the Dubai Municipality...

Two mobile mounted Slayer XLs ensure that the Dubai Municipality cut transport costs and extend lifespan of landfills.

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Dubai Municipality Benefit from Dramatic Reduction in Waste Transportation Costs...

Dubai Municipality Waste Management Department now undertake 50% less journeys to landfill with the help of two EDGE Mobile Slayer XLs.

Dubai Municipality’s (DM) Waste Management Department is an arm of the government that manage waste collection and disposal within Dubai. Their aim is to create a sustainable society by building sustainable waste management practices. To achieve this they have to ensure that they are managing their waste effectively and efficiently to then put in place the necessary infrastructure for long-term sustainability.

UAE’s population is growing by 3.1% with each resident creating 2.5kg of waste. This equates to 8.2 million tonnes per year. Adding to the fact that the UAE saw increase of waste production from 6.6m in 2010 to 8.2m in 2017, it was evident to the Dubai Municipality’s Waste Management Department that they needed to take action. This lead to the creation of the Dubai Integrated Waste Management Master Plan with a number of initiatives being implemented.

Dubai Municipality clearly knew that they had to manage their waste more effectively before it became a crisis. Before contacting EDGE Innovate, the Dubai Municipality were simply lifting the waste from transfer stations and bringing the waste straight to landfills to be stored.

**OBJECTIVE**

The purpose of the investment is to cut costs and decrease the footprint that the waste was taking up in the dump site. Dubai Municipality requested two road worthy shredders that could be towed to various transfer stations which are strategically located within Dubai. The waste would then be shredded and transported to the dumpsite.

**THE SOLUTION**

When deciding to upgrade their production processes, Dubai Municipality turned to numerous shredder manufacturers. An intense consultation period was carried out with all the leading European brands. DM felt that EDGE’s Slayer XL Series superior design quality, easy serviceability, low fuel consumption and desire to be flexible in their approach made them the only suitable supplier of choice.

EDGE provided 2 wheeled mounted slow speed shredders giving the operators the ability to process a large range of waste streams with various shapes, sizes and abrasiveness. EDGE also had to consider the quite harsh climate with large periods of extreme heat. This involved installing a unique upgraded coolant system. A versatile shaft setup was also installed to enable the Slayer XL to process various waste streams with a throughput capacity of up to 40tph.

**RESULT**

This process avoids lengthy and costly transportation costs with an estimation that there are now half the amount of trucks transporting waste to the dumpsite. Adding to this is the fact that now DM are able to place twice the amount of waste in the same area within the dumpsite.

Other notable benefits from the project has been the reduction of truck usage and maintenance requirements which in turn has helped to maintain asset value of the requirements which in turn has helped to maintain asset value.
INTRODUCING THE EDGE TRC622 COLOUR TROMMEL

A HIGH CAPACITY, SELF-CONTAINED PORTABLE DYE TROMMEL

Here at EDGE, we have taken our expertise & experience gained through our popular trommel ranges and created a highly efficient, self-contained portable dye trommel that is ideal for those operators seeking a large capacity, colouring solution within the organic industry.

The EDGE TRC622 incorporates impressive designed features such as a 2m X 6.9m (6’ X 22’) long spiral drum with a material detection system to ensure against colour wastage. A large hopper capacity of 12.6m³ (16.5 yards³) complete with variable speed, forward / reverse feed conveyor and variable drum speed allow the TRC622 to be adjusted to suit various workloads.

A high quality end product is guaranteed by the TRC622 combining the aggressive force of both a hopper turn-shaft system and trommel drum which ensures an efficient delivery of colourants to the feed material.

Additional features include enhance unit stability via three sets of hydraulic jacklegs as standard. This allows operators to position the TRC622 on uneven, soft terrain. A Hydraulic folding discharge conveyor as standard enables operators to quickly transport the unit to multiply sites.

With a throughput capacity of up to 500 yards³ per hour; the TRC622 is the ideal solution for satisfying the production demands.

Key Design Features:
- Hopper Capacity: 2.6m³ (16.5 yards³)
- Forward / Reverse Feeder
- Variable Speed Feeder
- Variable Speed Augur
- Caterpillar Diesel/Hydraulic Powerunit
  - Fuel consumption: 12-15ltr/hr (3-4USG/hr)

Operational Benefits:
- Doubled production rate
- Reduced operating hours
- Reduced diesel consumption
- Reduced laboured costs
- Reduce wear and tear of loader
- Reduced wastage of colourant due to material detection system found on the TRC622

Old Process:
Customer was using a tub grinder with mill removed and replaced with an auger system to dye mulch

Throughput: 150 – 200 yards/hr

Working Hours: During peak demand this particular operator was working up to 13-17 hour days to satisfy demands

New Process:
Grinder replaced with an EDGE TRC622 and material feed using a wheel loader.

Throughput: Up to 450 yards/hr

Working Hours: Able to meet public demand and still finish processing by 2pm

Product Reference:

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Throughput: Up to 450 yards/hr

Working Hours: Able to meet public demand and still finish processing by 2pm
Two months ago, sugar cane farmer Josh Keith, who also runs Green Fingers Potting Mix and Rocky Point Mulching in Queensland, decided to take control of his growing stockpile of legacy green waste. The decision was not an easy one, considering he’d have to invest in plant he had never used or thought about using before.

Keith has only had his fingers in the composting pie for about three years so it can be said that he’s fairly new to the game. In those three years, Green Fingers, which produces potting mix, compost and soils and supplies them to Rocky Point Mulching for sale to the agricultural sector and nurseries around the country, a legacy pile has occupied the site’s pad.

“The legacy pile was a problem that was building up and the cheapest thing to do was to stockpile it, let it sit on the pad, and not worry about it. But these things catch up with you quickly,” Keith acknowledged. Not only did the stockpile take up valuable real estate, it was costing the company both in the present and the future.

“The large amount of rocks and other plastics that was in our pile has been in circulation so they’ve been going through the composting process for the last three years. What you probably don’t realise is that if we were to pull 5000 tonnes of heavies out of that, it’s 5000 tonnes that we were shifting around on-site every three months - you take it from your oversize fraction, you put it back in, you compost it again, you screen it again, and then you shift it again and you do that four times a year,” Keith said.

“Two months ago, we decided that we had to free up the hardstand. But the decision came down to selling the product rather than letting it sit on the pad. If we can turn it into a product that we can use and sell right away, instead of letting it sit on our pad for 12 months, that’s cash flow for us.”

For Keith, the biggest challenge was coming to terms with the capital spend and how he would get the best return on investment. He embarked on a process of trialling a number of material classifiers before deciding on the EDGE MC1400, distributed by machinery specialist Focus Enviro, which he had viewed at another customer’s site in Sydney. On top of dealer support, he told Inside Waste value for money and machine design drove his decision.

The machine was purchased mainly for separating the rocks from green waste and out of the oversize fraction as well as for the extraction of contaminated plastics and papers from the final product.

“For years within the organic recycling industry the search for a solution to effectively remove light plastics from compost has been the holy grail. The EDGE MC1400 can remove over 98% of these plastics in a single pass,”

FOCUS enviro managing director Robbie McKernan

The design of the machine, with its large 1400mm opening, and how the actual separator works, best suited our needs as it lets the big rocks drop out whereas another machine I trialled didn’t do that,” Keith explained. The MC1400 is able to extract impurities from highly contaminated material in a single pass using controlled air flow as a separation medium. Contaminated compost overs are first screened before being fed to the MC1400 to be separated into a range of materials, including clean rock, ferrous materials, clean organic fraction, and light fraction.

At the same time, plastics are removed to prevent them from re-entering the compost stream. Operators are able to adjust a range of controls, from fan and feed conveyor belt speed, to drum positioning.
Additionally, the machine is fitted with a wide feed conveyor to allow for an even spread of material, which can be fed from existing trommel screens, increasing the efficiency of separation. In being a fully self-contained machine, air flow is better controlled while air depressurisation, dust creation and spillage are minimised.

At present, Green Fingers composts more than 40,000 tonnes of green waste a year. To get through its legacy pile, the company has been running the MC1400 full-time in October and will continue to do so till the end of November. Now that the machine has been in operation for a few months, Keith is able to reflect on the capital spend and said that based on early figures, he expects a return on investment in four years.

“And that’s purely based on the numbers and selling product to pay off the machine. But there are a lot of other benefits that we’ve not included in this estimate, for instance the space we’ve freed up space on-site and the capacity it gives us,” Keith said. “And if I were to move to an alternative screening solution, I can run the MC1400 off three-phase power, off 415 volts. I won’t need to run the motor because it’s got the ability to plug into power if power becomes a cheaper option,” he added.

**APPLICATIONS:**
- Biomass
- Compost
- Construction & Demolition
- Waste
- Mulch
- RDF
- SRF

**OPTIONS:**
- Track / Semi-trailer / Static chassis format
- Diesel Hydraulic / Diesel Genset / Direct Electric
- Additional magnetic head-drum
- Additional separation stage available
- Wireless remote
- Central auto-lube system
- Air brakes
- Jost landing legs

**INPUT MATERIAL**

**MC1400 ROLL SIZER FEATURES:**
- Complete airborne material separation provides superior final products
- Vacuum option can be disabled and closed off for applications where light plastics extraction is not required
- The extremely wide feed conveyor provides an even spread of material for efficient separation
- Enclosed design helps control air flow and minimises air depressurisation whilst minimising dust creation with reduced spillage

- Designed for quick and easy transportation via low-loader
- Four product separation solution for the waste and organics recycling industries
- Available in track, semi-trailer or Static chassis formats
- Innovative “Sea-Can friendly” design for global export
McKinstry Skip Hire Ltd, a family owned and operated company with over seventy years’ experience providing excellence in waste management services to both public and private sector customers throughout Northern Ireland have seen real operational benefits when they opted to incorporate an EDGE Slow speed shredder into their biomass production process.

The company founded in 1970 by Mr Albert McKinstry, currently managed by his sons Darren and Mark McKinstry, has grown to now employ an eighty strong workforce at their state of the art Material Recovery Facility (MRF) in Northern Ireland, just a few miles from the Belfast International Airport.

In 2016 McKinstry Skip hire supplied over 50,000 tonnes of P63 grade woodchip to help power the largest renewable energy project in Northern Ireland, Lisahally Combined Heat and Power Station operated by Evermore Renewable Energy is based in County Derry and generates an impressive 15.8 MWe, the equivalent of enough energy to power 25,000 homes.

BENEFITS OF PRE-SHREDDING

With its robust design and massive 80,000Nm of torque combined with intelligent self-protecting operating system, the EDGE Slayer XL provides enhanced protection to their high speed shredder when deploying it as a pre-shredder in front of the high-speed shredder.

McKinstry have found that the EDGE Slayer XL’s ability to withstand non-shreddables such a steel bracketry etc. with minimal wear makes the Slayer XL the ideal partner to their high speed grinder by vastly reducing the wear and tear of the high speed shredder tools and cutting down significant downtime associated to non-shreddables reaching the high-speed shredder chamber.

With the non-shreddable products being removed either by the EDGE shredder’s chamber detection system or via its overband magnet, McKinstry’s operators have found higher percentage uptime and improved dependable performance from their secondary shredder. A constant flow of uniformed piece size material provided by the EDGE Slayer has also allowed the high speed grinder to process material much easier; again improving the lifespan of shredder tools and reducing the levels of fuel consumed being recorded.

LEADING BIOMASS PRODUCER REAPS REWARDS

McKinstry’s Skip Hire extract wood mainly from council operated sites around Northern Ireland along with an additional source from Southern Ireland to ensure material supply in periods of any downtime in the industry.

In an effort to improve operational efficiency, reduce running costs and improve product quality, McKinstry’s Skip Hire turned to EDGE Innovate’s Slayer XL. The new production process sees material go from trailer to the EDGE pre-shredder with minimal pre-sorting to create a uniform piece size product and to remove any non-shreddable contaminants. The material is then fed into a high speed secondary shredder with the finer material passing the series of separation stages.

SUPERIOR PRODUCT AND ENHANCE OPERATIONAL EFFICIENCY

Helping to reduce fuel and maintenance costs associated with their high speed grinder is only half the story of the improvements the EDGE Slow speed shredder has brought to the table. Howard Wilson, McKinstry’s Biomass Quality Control Manager explains that the end product is superior to that of material that is simple passed through a high speed grinder. By adding a pre-shred and secondary shred to the production process McKinstry’s Biomass Quality Control Manager has found, via a particle size analysis of mandatory samples taken twice a day to contain a “…significant reduction in oversize particles, samples have fallen well within the 10% limit and the dust level is well under 2%".
RESULT...

The low level of dust creation can be accredited to a control feed of near size material entering the high speed grinder, with surges of material being eliminated and by the fact that the EDGE Slayer XL has been engineered to run at a lower rotor RPM combined with high torque. It is this feature that helps the EDGE manufactured slow speed shredder to produce a final material product with much lower dust percentage.

Howard has also seen an improvement in the production efficiency by incorporating the primary shred into the production process. “We have benefited by a large reduction in oversize, which means we have less to re-shred again, by falling within the 10% ratio, there is only a minimum amount of additional shredding on the oversize that saves us man hours, fuel and it saves us maintenance costs on the machinery.”

With tight restrictions placed on suppliers of biomass; reliability, quality and sustainability of material supply are always major concerns.

By incorporating the EDGE Slayer XL slow speed shredder, biomass producers can be assured of improved operation efficiency, higher quality end product with reduced dust and oversize creation combined with a reduction in downtime and maintenance.

EMSA and EDGE Innovate provides solution to agricultural producer Bonnysa

Established in 1956, Bonnysa, is the largest producer and exporter of tomatoes in Spain with crops located in four provinces. In order to manage agricultural waste generated in their greenhouses sustainably, EMSA offered the solution for the shredding of this difficult and bulky waste material via shredding technology from EDGE Innovate.

The equipment in question is the EDGE SLAYER XL. As one of the most versatile products on the market, it can be configured to grind wood, pruning’s, tires, scrap (white goods), cotton yarn, wool, coconut, plastic, paper, cardboard, MSW, logs, etc. In this case the slow speed shredder was configured exclusively for the shredding of pruning residues from vegetable greenhouses and substrate bags, palm and palm wood.

The previous strategy employed by Bonnysa was both inefficient and costly. With the Slayer XL, the waste material is shredded and reduced to 10/12 cm, dried and then sent to a central recovery agri-biomass facility where the treated material is used for heat production. EDGE Innovate’s shredders offered exclusively to the Spanish market by EMSA has great versatility in terms of existing similar equipment in the market, allowing power around two meters and obtaining final product around 10/12 cm.

To ensure wear cost, production levels and desired product sizing was retained; EMSA provided full operational training of Bonnysa operators and service personnel during commissioning of the EDGE SLAYER XL.
THE MOST ROBUST, DURABLE & LONG LASTING PICKING STATION ON THE MARKET

Health and Safety is the most crucial aspect within a waste management site, with an EDGE mobile picking station employers are able to ensure the best practise of safety is carried out. While picking stations have long been a part of MRFs, small facilities and popup recycling sites have suffered from a lack of proper picking stations. The EDGE Modular Picking Station is the most Robust, Durable, Long lasting and User Friendly Picking Station on the market today.

The top three reasons to install a mobile picking station include;

**EFFICIENCY**

The EDGE MPS48 eliminates the ‘time in motion’ and hazard from traditional manual picking on the reception floor. The recovery rates escalate while the modular design allows the customer to add to the number of bays required as their separation change or production increases.

**MOBILITY**

With the same day set-up, ease of positioning, cleaning and re-locating, the EDGE MPS48 mobile picking station can run independently or become an integral part of an existing process. The EDGE MPS48 also is designed to allow the end user to add or remove bays at ease to fit any situation.

**SAFETY**

The EDGE Picking Station can be fitted with a multitude of options such as roofing, lighting, insulated/air conditioned enclosures with windows and heating, air separators, over-band magnets plus many more. Essentially the EDGE Picking Station can be tailored to suit required needs/environments. This protects workers, within the waste management site, working in enclosed, lit and ventilated areas.

EDGE Innovate’s Engineering Manager Dermot Murphy, described how the enclosed cabins offer vastly improved working conditions within Australia including reducing dust, noise and climate conditions for workers. Dermot states “Operators can comfortably remove any plastics, wood and cardboard for further recycling and the final over-band magnet removes ferrous contamination and protects the downstream shredding process from high wear, downtime and associated maintenance costs.”

The EDGE MPS48 boasts a range of features that makes it very popular with Transfer Stations, Skip Hire companies, Waste Handling Depots etc. The main feature of the EDGE MPS48 is that the picking station has been uniquely designed that picking bays can be easily added or removed at ease, in line with changing customer requirements. This unique feature enhances the versatile nature of the MPS meaning it can fit pretty much any scenario!

To find out more about the EDGE MPS48 email us at info@edgeinnovate.com or visit our website www.edgeinnovate.com
Racing Legend Rusty French Takes Pole Position with the EDGE TRT622 Trommel

The Pro-Drive Australia Ford V8 Race Team Owner, Rusty French recently swapped the track side for a track mounted trommel when choosing the EDGE TRT622 high capacity trommel. EDGE Innovate’s Australian distributors Focus Enviro made successful delivery of the EDGE TRT622 Series trommel complete with remote tipping grid in February of this year to the Melbourne based quarrying and waste management company, Skye Sands.

Boasting many impressive design features the TRT622 incorporates a 180° radial fines conveyor, unique load sensing hydraulic drive system, eco-power saving functionality and a user friendly HMI control panel that enables easy adjustment to suit various applications.

A quick barrel exchange is facilitated via a hydraulic sliding feeder; enabling Skye Sands to simply lift out the existing barrel to be replaced with the various barrel types available. Rusty French; Skye Sands, Pro-Drive Australia, Ford V8 Race Team owner and world record holder points to the EDGE TRT622 trommels remarkable screening throughput, intelligent operating system and low running costs as being the deciding factors behind his selection.

TRT622 VERSATILITY

Weighing in at 36.5 tonne, the robust EDGE TRT622 provides huge application flexibility. With various product types being processed at the Melbourne facility, Skye Sands can now process everything from soil, sand, skip waste to aggregates in the one unit thus cutting down on capital expenditure, running costs and upkeep. Steep sided hopper bin sides combined with a larger drum opening and extremely wide collection conveyor prevents material bridging and spillage. Enhanced screening results were achieved by material spending a greater amount of time in the longer 22’ barrel combined with a high-throw aggressive screening action created by the material lifters found within the barrel. Variable speed and drum angle allows Skye Sands operators to have greater control over screening results and throughput.

THE CHALLENGE AT HAND

Skye Sands existing processing system of incline screens limited production via their inability to efficiently process moist material. Processing sand and soil in wet conditions was not an option as the incline screens would automatically blind over. Effectively, Skye Sands business growth was being stifled by the weather or be it; by their inability to process material in damp conditions. They were at the mercy of the weather. The EDGE TRT622 trommel due its aggressive screening action has enabled Skye Sands to run when the competition cannot, meaning that they can screen dry or moist product anytime of the year on demand and at maximum throughput.

PRODUCTION

With an extended hopper and the largest track mounted trommel with a 180° radial fines conveyor available in Australia means, that the principals of scale applies. The large hopper capacity of 8.5m³ (12 yds³) and 6.5m (22’6”) long drum enables for impressive throughput. Cost per tonne has also been greatly reduced thanks to EDGE trommel’s low fuel consumption and the reduction of material handling thanks to the TRT622 ability to create a radial stockpile of up to 1056m³ (1381 yds³). By eliminating the use of wheel loaders for stockpiling material, site safety is also improved via reduced traffic levels.

Another checkered flag for the team at EDGE Innovate and their distributors, Focus Enviro.

“Being able to process material all year round no matter what the weather condition is a huge advantage and will help us to cater to our customer needs much, much better. I’ve also seen an improvement in the final product, with the removal of those long slender fractions. With less downtime, improved screening results and with the support and back up of Focus Enviro, it all points to a winning combination.”

- Rusty French

“THE CHALLENGE AT HAND”}

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Another checkered flag for the team at EDGE Innovate and their distributors, Focus Enviro.
CanAm Coal Corp. has addressed their industry issues by being able to transform a non-sellable coal product to a sellable product with the help of the robust design of the EDGE RS1500 Roll Sizer.

CanAm Coal Corp. based in Calgary, Alberta, produce and market coal to industrial, utility and export markets. The company own and operate three coal mines in the US, which extract an average annual coal product of approximately 480,000 tons per year. CanAm Coal Corp completed the acquisition for 80% stake hold of Birmingham Coal & Coke in July 2012.

**THE CHALLENGE**

Prior to purchasing the EDGE RS1500 Roll sizer in April 2013, CanAm Coal Corp was faced with major difficulties with their final coal product. In order to meet the coal product specification required for the industry, coal products must first be washed to separate coal from stone particles which is facilitated by the fact that coal particles are considerably lighter than stone.

The washing process is limited to a maximum piece size of 50mm. Any piece size over the 50mm threshold is stockpiled to be resized at a later date. Due to the impurities in the raw coal found at the Birmingham site such as shale or rock, CanAm Coal with their existing plant line could not resize the 50mm plus material as it would have resulted in major downtime, high wear and asset damage.

Simply put, it was not financially viable to process the 50mm plus product using the plant at their disposal. An Impact crusher was tested but it produced an unacceptable amount of coal fines which did not meet the industry’s stringent requirements.

**THE SOLUTION**

EDGE Innovate’s distributor CrusherWorks proposed a solution to CanAM Coal’s troublesome “50mm oversize product” in the shape of EDGE Innovate’s RS1500. A unit was delivered in June 2015 to which provided the coal company with the robust and durable Roll-Sizer. With impressive design features, the EDGE RS1500 Roll Sizer has the ability to process a wide range of materials including coal, lignite, bituminous, sub-bituminous and hard to handle materials. Its robust design is coupled with high manoeuvrability and small footprint, all of which ensures the RS1500 as being the perfect solution for the processing of the 50mm oversize material on the Birmingham site.

Boasting an impressive list of design features the RS1500 is packed with the most up to date technology and components. The full HMI Controlled Panel Interface provides easy fine tuning for accurate application performance. The HMI allows for automatic start / stop operation and provides visual data output such as engine load, individual shaft pressure, hydraulic oil temp and fuel consumption displayed while the machine is still operating.

The RS1500 asset safety system provides the Edge unit with an added advantage over CanAm Coal’s existing plant. The Edge Roll-Sizer incorporates an automatic sensing system that protects the roller shafts against tramp metal or trapped material. This vitally reduces maintenance costs and downtime for the coal company. The tooth rotor design in the RS1500 allows undersize material to pass through the precision designed shafts increasing product through put. The shafts are designed to grab the feed material and reduce it to the desired product size whilst creating the minimum of fines. A single deck, two bearing 50mm aperture Pre-screen allows fines to by-pass the chamber, increasing processing efficiency and through put. In the case of Birmingham Coal, the Edge RS1500 resizes up to 24” piece size to less than 50mm at a rate of 250tph. The design features incorporated in the Edge RS1500 is the perfect solution for resizing coal with impurities whilst minimising the creation of coal fines. This allows Birmingham Coal to continue the processing cycle and provide them with a sellable product that meets their stringent product specification.

“With the EDGE RS1500 added to the CanAm Coal Corp. plant. It allows the company to transform a non-sellable product to a sellable product, by resizing the coal particles to less than 50mm. It has allowed them to pass the material through the washing process and produce a coal product that meets a sellable product specification.”

Neil McCoy, Crusher Works Director.

EDGE Innovate can offer the RS1500 Roll sizer to customers with a range of various options available to suit the customers desired needs and requirements.
2019 Awards Summary

2019 was another incredible year for EDGE Innovate and our success on the awards scene is a true reflection of this. Recognised for both exporting and innovation, we are extremely proud to have claimed 3 prestigious awards in the last 12 months. These awards are a benchmark for the continued growth and success we are experiencing as a company. Furthermore, this recognition also helps to illustrate the hard work of our talented workforce.

Here’s our roll of honour for 2019:

DELOITTE BEST MANAGED COMPANIES AWARDS 2019

For the second time in a row, EDGE Innovate have been named as one of Ireland’s Best Managed companies in the Deloitte Best Managed Companies Awards programme. EDGE demonstrated superior business performance, which was recognised at the 2019 gala awards dinner in Dublin.

QUEEN’S AWARD FOR ENTERPRISE FOR INTERNATIONAL TRADE

We were delighted to be honoured with a Queen’s Award for Enterprise for International Trade. EDGE Innovate joined an elite group of organisations in April 2019 to be recognised with a prestigious Queen’s Award for Enterprise. The Queen’s Awards for Enterprise are the most prestigious business awards in the UK!

MADE IN NORTHERN IRELAND AWARDS: WINNERS OF EXPORTER AWARD

For the second time; EDGE Innovate has been awarded the title of “Exporter of the Year” at the recent “Made in NI” business awards held at the Titanic Hotel, Belfast. Now in their sixth year, the “Made in NI” awards recognise and reward the excellence of the manufacturing sector in Northern Ireland.

EDGE Innovate has moved to offset its carbon emissions with the installation of a new solar panel PV System.

As part of our drive towards resource efficiency, whilst minimising the environmental impact of our production operations, EDGE Innovate has invested heavily in the replacement and installation of various new pieces of equipment. The installation of a rooftop Solar PV system, supplied by Kingspan Energy, in February 2017, is a continuation of our environmental policy and will allow us to reduce our energy costs further whilst making our production facilities much more efficient.

Becoming global leaders in the construction material waste handling and recycling industry, this investment of solar panels from Kingspan will allow us to ensure our state-of-the-art manufacturing facility remains competitive and efficient. Two of our existing factories have been installed with the Kingspan Rooftop Solar Panels to support our company’s environmental awareness and offer an efficient energy solution.

Throughout 2017, 35% of total electricity consumption in Northern Ireland was generated from renewable sources. This represents an increase of 8% throughout the 12-month period; the highest 12-month proportion on record.

With a projected annual output of 140,751kWh from the Rooftop Solar PV roof, and an annual CO2 offset of 72,768kg per annum, the new system will help EDGE Innovate to minimise the impact of our product operations and futureproof the structure of the operations on site.
FROM RECYCLING EQUIPMENT TO MATERIAL HANDLING SOLUTIONS; EDGE INNOVATE HAS YOU COVERED...

RELIABLE, ROBUST AND COST SAVING SOLUTIONS

From shredding, screening, separating & stacking of commodities; EDGE Innovate has a vast array of highly customisable products; ensuring that we offer the exact machine requirement that suits your conditions & application. If you would like more information on the EDGE product range then please call us on +44 (0)2887 740 525 or email us on info@edgeinnovate.com.

TO FIND OUT MORE CALL OR EMAIL

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