



Innovation at Work

EDGE MATERIAL HANDLING



designengineeringinnovation





WHEN IT COMES TO CONVEYORS ONE SIZE DOES NOT FIT ALL...



EDGE Innovate's range of material handling equipment offers operators an efficient, reliable and robust material handling solution. The EDGE brand name is intrinsically linked to the manufacturing of mobile and track conveyors, feeders and radial track stockpilers, all of which have been designed to improve productivity and mobility whilst minimising operator costs. We offer the most cost effective and efficient way of stockpiling or transferring material on the market today.

After 25 years as a leading manufacturer of conveying solutions, EDGE Innovate are acutely aware that one style of conveyor is nowhere near sufficient enough to meet the differing requirements of each material handling operation.

Differing discharge heights, transfer lengths, condition of terrain, availability of power, the frequency of repositioning and throughput are all factors that must be taken into account when an operator is determining what solution meets all of their requirements. With a 'one size does not fit all' mind-set, the EDGE Innovate material handling range of equipment offers a wide range of stackers and feeders to suit your specific material handling requirements; including low-level feeder stackers, and radial stackers, with the option of wheeled or tracked units.

SUPERIOR FLEXIBILITY

PRODUCT OVERVIEW

MS30



MS40



MS50



MS65



MS80



MS100



MS8048 24/7



TS50



TS65



TS80



TS100



FMS65



FMS75



FTS65



FTS75



FTS90



FTS65 / 75 360° Unlimited



LTS50



LTS65



LTS75



LTS50 / 65 / 75 360° Unlimited



RTS80



RTS100



RTU220





VARIOUS FORMATS TO SUIT YOUR NEEDS...

1. MOBILE STACKER



- Can accept constant flow loads.
- Must be towed by another self propelled vehicle.
- Impressive radial stockpiling ability.

2. TRACK STACKER



- Can accept constant flow loads.
- Perfect for frequent repositioning.
- Conical stockpiling ability.

3. FEED STACKER



- Can accept loads directly from excavator, wheel loader.
- Conical stockpiling ability.
- Chassis format options: mobile, track, static or 360° unlimited.

4. LOW FEED STACKER



- Can accept loads directly from excavator, wheel loader.
- Conical stockpiling ability.
- Chassis format options: mobile, track, static or 360° unlimited.

5. RADIAL TRACK STACKER



- Can accept constant flow loads.
- Perfect for frequent repositioning.
- Impressive radial stockpiling ability.

6. RADIAL TRUCK STACKER



- Can accept loads directly from excavator, wheel loader and trucks
- Perfect for frequent repositioning.
- Impressive radial stockpiling ability.

MOBILE STOCKPILER



KEY HIGHLIGHTS

FUEL CONSUMPTION
9.48 LITRES (2.5 USG)
PER HOUR @ 100% LOAD

Conveyor lengths of 20ft, 30ft, 40ft, 50ft, 65ft, 80ft and 100ft available

Increase Crushers & Screeners daily production rates by up to 20%

Eliminate the double handling of material with wheel loaders

Increase site safety and eliminate the use of loaders stockpiling material

Discharge heights from 4.6m-9.2m (15'1" - 30'2") with Stockpiling rates of up to 600 TPH (661UST)

Conical stockpile up to 1312m³ (1716 yds³)

Radial Stockpile up to 3607m³ (4717 yds³)

THE MOST COST EFFECTIVE AND EFFICIENT WAY OF STOCKPILING



With over 1000 mobile stockpilers manufactured and working across the world to date, the EDGE range of mobile stackers have been tried and tested in the harshest of environments. With productivity, mobility and minimising operator costs as its central design principles, the MS-Series range of conveyors are the most cost effective and efficient way of stockpiling or transferring material on the market today.

Designed to work in conjunction with; screeners, crushers, grinders and washing equipment, the radial stockpile feature on the MS-Series enables impressive stockpile capacities whilst reducing the double handling of material. With various conveyor lengths, belt plys and drive types available, the EDGE mobile stacker range can be customised to suit the client's specific requirements.

Create huge conical & radial stockpiles and allow screens and crushers to increase daily productions by up to 20% with the help of the EDGE MS-Series mobile stockpilers.

DESIGN FEATURES

EDGE Innovate have worked tirelessly to ensure our products are of the highest quality we only ever use parts and products that have been developed, tested and proven to provide optimal performance and reduce operating and maintenance costs. Every part is vital for uptime and performance.



1

Can accept loads directly from crushers, screener, grinders or wash plants

3

Discharge heights from 15' - 30'.
Radial stockpile capacity of up to 4717yds³

5

Powersource options; Hydraulic Coupled, Diesel/Hydraulic, Direct Electric, Dual Power & Diesel Genset

2

Various belt types and widths available from 36" to 48" wide conveyors with various belt plys

4

Option of manual radial, direct radial drive or chain drive

TRACK

STOCKPILER



KEY HIGHLIGHTS

FUEL CONSUMPTION
9.48 LITRES (2.5 USG)
PER HOUR @ 100% LOAD

Conveyor lengths of 50ft, 65ft,
80ft and 100ft available

Increases Crushers & Screeners
daily production rates

Can reduce fuel, maintenance and
labour costs by up to 80%

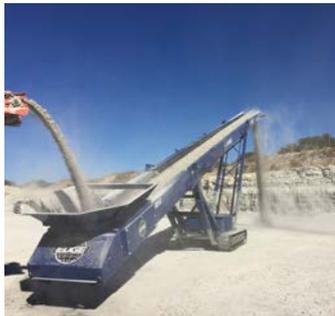
Highly efficient hydraulic drive
system with variable speed control

Impressive stockpiling rates from
100 -1000+ Tonnes per hour

Discharge heights from
7.39m-13.5m (24'2" - 44'3")

Conical stockpile up to 3909m³
(5112 yds³)

MAXIMUM PRODUCTIVITY WITH MINIMUM OPERATOR COSTS



EDGE Innovate has taken decades of experience in manufacturing conveyors and created a Track Stacker series that offers operators an efficient, reliable and robust material handling solution. Designed to work in the harshest of environments the TS-Series can be continually fed by any Crusher, Screener or Shredder with a rapid set-up time and impressive stockpiling capacities. The EDGE Track Stockpiler is a versatile conveyor that can be used in a wide range of applications.

The Track Stacker series boasts an array of design features including a highly efficient hydraulic drive system with variable belt speed, low fuel consumption, adjustable feed height and variable discharge height. Whether it be; sand and gravel pits, aggregate producers, mulch yards or waste management facilities; the EDGE TS-Series is the perfect stockpiling solution for a vast range of industries.

DESIGN FEATURES



1

Can accept loads directly from crushers, screener, grinders or wash plants

2

Various belt types and widths available from 40" to 48" wide conveyors with various belt plys

3

Discharge heights from 24' - 45'8". Conical stockpile capacity of up to 5218yds³

4

Powersource options; Diesel/Hydraulic, Direct Electric, Dual Power & Diesel Genset

5

Full site mobility provided through the hydraulic driven crawler tracks. Full engine power can be utilised to drive tracks

FEEDER

STOCKPILER



KEY HIGHLIGHTS

FUEL CONSUMPTION
21.8 LTR/HR LITRES
(5.7 USG) PER HOUR

Eliminates the need for a separate feeder and stockpiler units

Can receive loads directly from Excavator, Loader, Crusher or Screener

Can reduce fuel, maintenance and labour costs by up to 80%

Holds a buffer of material to regulate the flow material, prevents material surge

Impressive stockpiling rates from 100 -1000+ Tonnes per hour

Maximum discharge height of up to 13.4m (43'10)

Conical stockpile up to 4030m³ (5271 yds³)

DIRECT FEED WITH EXTREME VERSATILITY...

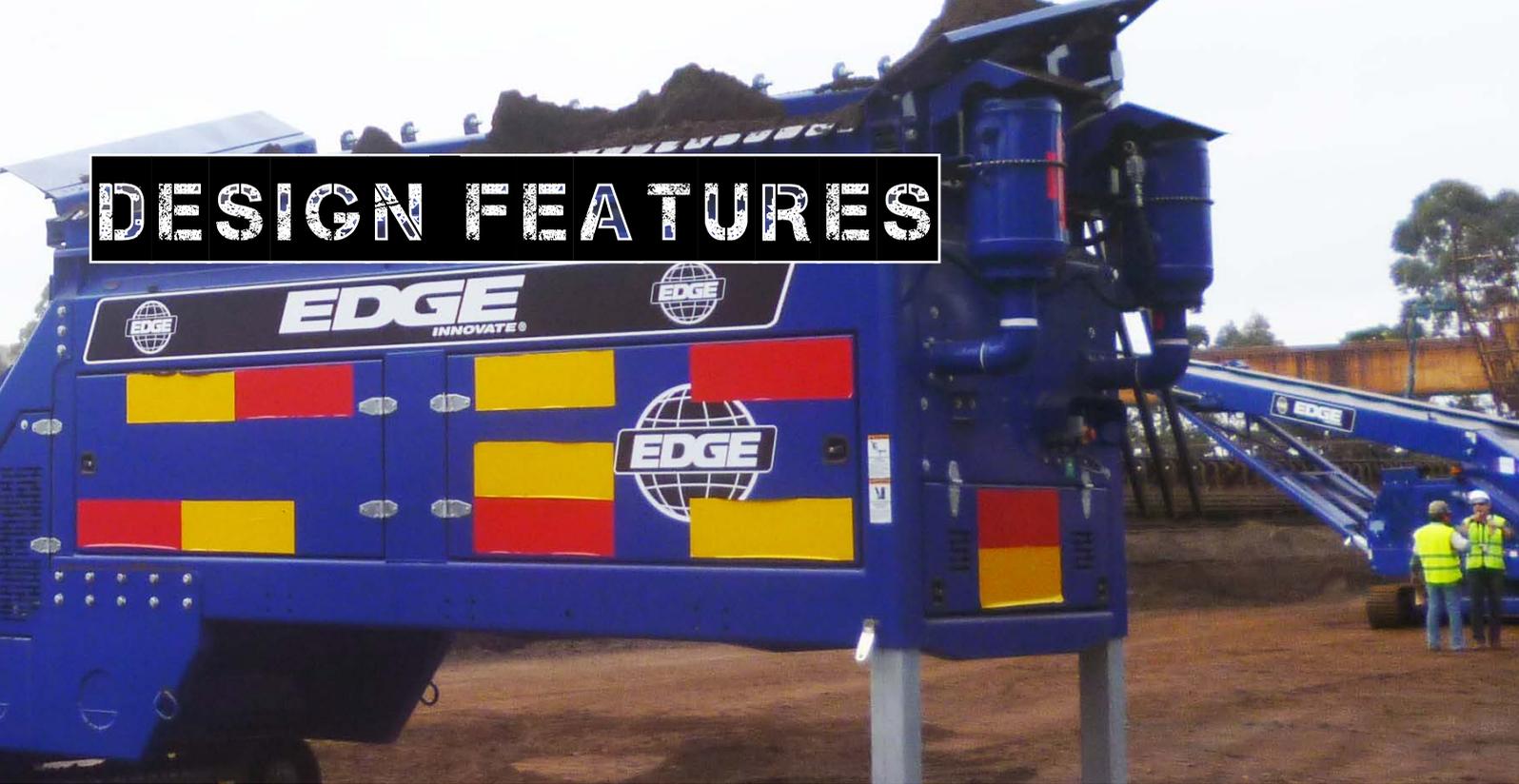


EDGE Innovate's range of feeder stackers have the ability to handle a wide range of applications and capacity requirements. Available with discharge conveyors from 30ft to 90ft, various chassis formats, power-source options and an infinite number of add on options such as a two deck vibrating live head, overband magnet, wireless remote functionality and radio controlled reject grid; the feeder stacker range is arguably EDGE Innovate's most versatile product.

Designed for customers who either require a controlled flow of material output or need to feed using an excavator or wheel loader; the FS-Series eliminates the need to double handle material. With its excellent ability to hold a buffer of material; the EDGE mobile hopper feeders can regulate the flow of material ensuring it is the perfect partner for barge, train or truck loading or to feed crushers and screeners.

Effectively; the EDGE FS-Series eliminates the need to have both a separate hopper feed unit and a stacker unit. As with all EDGE Innovate's products; the FS-Series can be customised to suit the client's specific requirements.

DESIGN FEATURES



1 Can accept loads directly from excavators, wheel loaders, crushers or screeners

2 Hopper options of remote tipping grid, vibrating live head or hopper extensions with various hopper liners available

3 Variable feed belt speed with remote auto stop/start functionality available

4 Chassis format option of track, mobile or complete 360° slew functionality

5 Powersource options; Diesel/Hydraulic, Direct Electric, Dual Power & Diesel Genset

6 Conveyor lengths ranging from 30ft to 90ft depending on chassis format

7 Discharge heights of up to 43'10" with a conical stockpile of up to 5271yds³

LOW FEED STOCKPILER



KEY HIGHLIGHTS

FUEL CONSUMPTION 21.8 LTR/HR LITRES (5.7 USG) PER HOUR

Can transfer large, heavy loads due to its 9000Nm Torque Feeder

Designed for taking the impact of larger heavier material that conventional belt feeders cannot

Can reduce fuel, maintenance and labour costs by up to 80%

Can be fed from all three sides with no ramp required for wheel loaders to feed into the unit.

Large hopper capacity of 10.7m³ (14 yds³) with ability for fully laded start-up

Maximum discharge height of up to 9.3m (30'2")

Conical stockpile up to 1718m³ (2247 yds³)

LONG LIFE, LOW MAINTENANCE STOCKPILER...



The low-level feed stacker series introduces operators to a material handling solution for the stockpiling and transferring of hard rock and ore for the mining and quarrying industries. The EDGE LTS is a long life, low maintenance, track feeder stockpiler that is uniquely designed to allow for low level loading of material from wheel loaders, grab cranes and excavators. The huge hopper capacity and heavy duty feeder enables the LTS Series to easily cope with the extreme demands of any quarrying or mining application.

With a rapid set-up time, the ability to be loaded from all three sides and impressive stockpiling capacities, the EDGE low feeder stockpiler is a versatile conveyor that can be used in a wide range of material handling applications.

DESIGN FEATURES



1

Uniquely designed to allow for low level loading of material from wheel loaders, grab cranes and excavators.

3

Discharge heights from 23' -30' with a conical stockpile capacity of up to 2328 yds³.

5

Chassis formation options of Track or 360° Unlimited with the added option of a 2 bay sorting bay.

2

Variable speed, 48" wide conveyor with hydraulic working angle adjustment. Option of fold down head section.

4

Powersource options; Diesel/Hydraulic, Direct Electric, Dual Power & Diesel Genset

RADIAL TRACK STOCKPILER



KEY HIGHLIGHTS

**Radial Stockpile capacity
up to 13329m³
(17433 yds³)**

Eliminates material segregation,
compaction and contamination

Tracked unit allows both 360°
continuous rotation and excellent
on site manoeuvrability

All the benefits of a track stockpiler
and radial stacker combined

Impressive stockpiling rates from
100 -1000+ Tonnes per hour

Maximum discharge height of
11.8m (38'10")

Conical stockpile up to 3343m³
(17433 yds³)

ALL ANGLES COVERED...



The EDGE radial tracked stacker series is a unique concept to the marketplace. Essentially; the RTS-Series has packaged all the advantages of a mobile radial stockpiler and that of a tracked stockpiler into one product. Combining the ability to self-propel across even the roughest terrains and the capacity to create massive radial stockpiles, the EDGE radial track stacker range provides operators with a product that is independently powered, has excellent on site manoeuvrability and the ability for 360° continuous rotation.

Thanks to the robust design of the radial track stacker range and its ability to hydraulically adjust feed and discharges heights, the RTS80 is capable of stockpiling material from primary / secondary crushers and screens thus eliminating material segregation, compaction and contamination.

DESIGN FEATURES



1

Can accept loads directly from crushers, screener grinders or wash plants.

3

Discharge heights of up to 38'10" with a conical stockpile capacity of up to 17433yds³

5

Powersource Options: Diesel/ Hydraulic, Direct Electric & Diesel Genset.

2

48" wide conveyor with option of hydraulic drive or direct electric with automatic adjusting working angle.

4

Option of manual radial, direct radial drive or chain drive with additional option of automatic stacking functionality.

6

Full site mobility provided through the 360° continuous rotating hydraulically driven crawler tracks

RADIAL TRUCK UNLOADER



KEY HIGHLIGHTS

***Capacity to convey 750TPH (826UST) with a maximum feed size of 600mm (23")**

Unload directly from articulated road lorries and dump trucks

Greater operating efficiency by reducing the need to re-handle material

Feed into train wagons, barges, ships, hoppers or simply stockpile

Optional 140° Radial conveyor with impressive radial stockpiling capabilities

Low power consumption: 18 ltrs per hour (4.7 US Gallons)

The RTU220s' sprocket and chain design, ensure against belt slippage or stalling

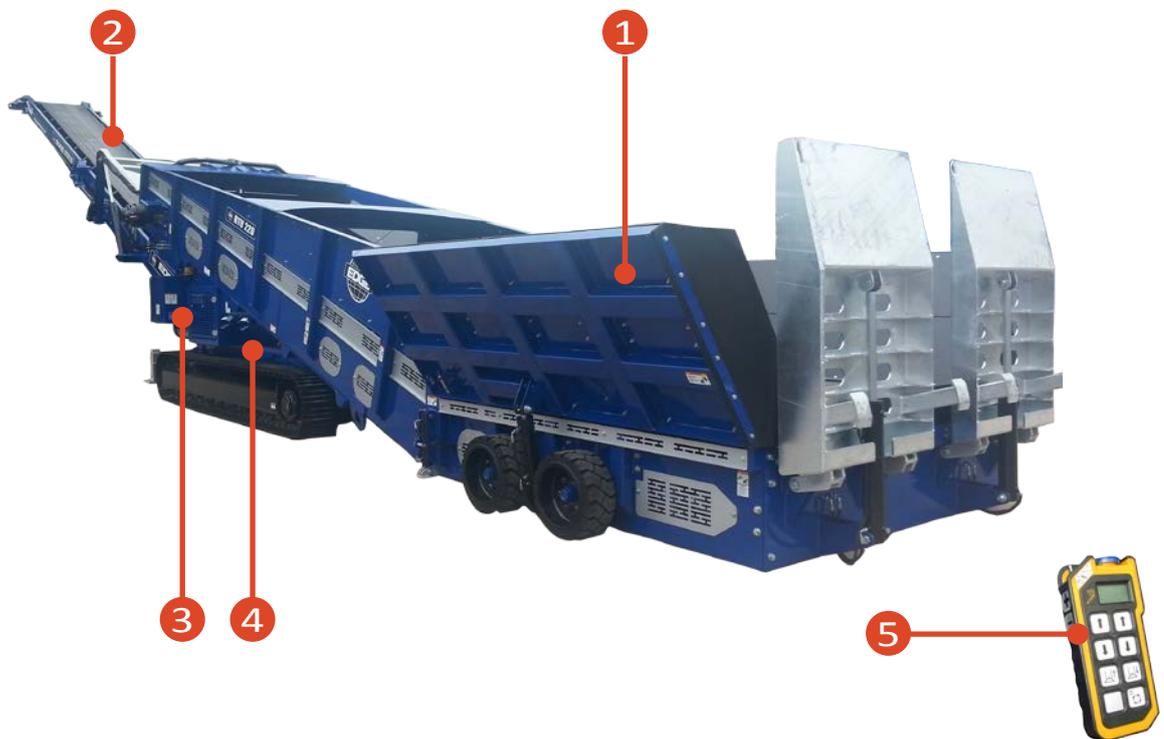
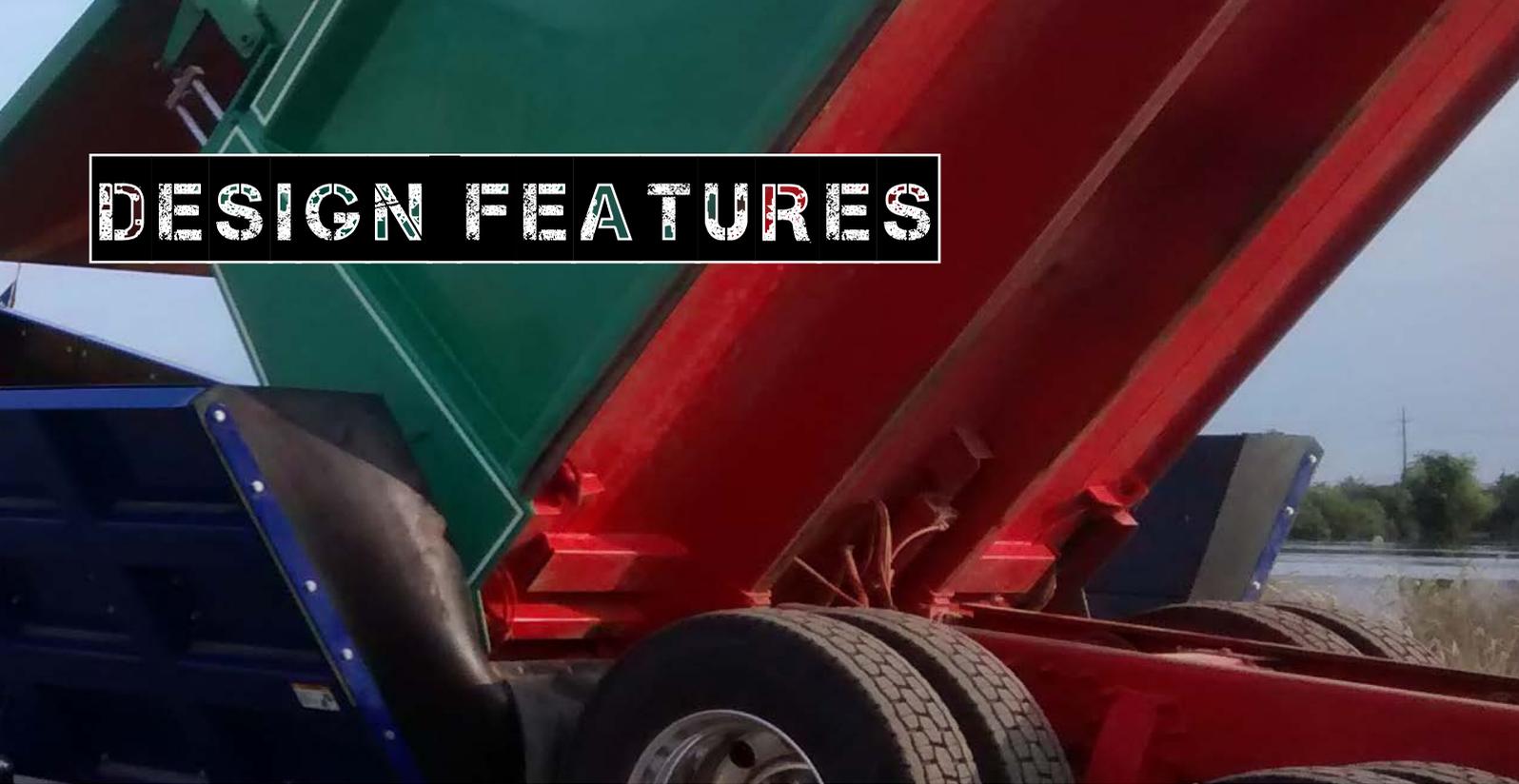
IMPROVE CYCLE TIMES...



The EDGE RTU220 brings a new concept to the bulk materials handling sector. Unlike conventional truck unloaders, the EDGE Radial Truck Unloader is able to be set up in minutes and eliminates the need to double handle material. Designed to allow operators to load directly from tipping trucks, dumpers and wheel loaders; the 52' long discharge conveyor enables material to be loaded into train wagons, barges, ships and hoppers. Unloading times as little as 60 seconds per truck and a massive 30yd³ hopper capacity enables the EDGE portable truck unloader to significantly improve cycle times and on-site production.

With the capability to convey up to 1000 tonnes per hour with a maximum feed size of 23" and boasting a 140° radial conveyor the RTU220 is as comfortable on the port as it is in the harsh environment of the quarry.

DESIGN FEATURES



1

30yds³ hopper capacity with dual access, hydraulic flared sides and truck ramps.

3

HMI Control panel provides easy fine tuning for accurate application performance.

5

12 function remote control enables operators to control of various unit features .

2

Hydraulic angle adjustable (0-23°) 48" wide , 52' long discharge conveyor available.

4

Built in Hydraulic load sensing correction system automatically controls flow of material.

POWER SOURCE

CONFIGURATIONS

Choose from hydraulic coupled powered units to direct electric. EDGE Innovate's range of material handling equipment offers operators a extensive range of power source configurations to suit the customer's exact requirements.

1



HYDRAULIC COUPLING (MS-SERIES ONLY)

Provides operators with the option of running the conveyor via the auxiliary control valve on the crusher or screen. Alternatively an EDGE stacker may be powered via a motor return which has sufficient hydraulic flow.

2



DIESEL / HYDRAULIC

Enables the EDGE unit to be operated in remote locations due to being self-contained with only fuel being required.

3



DIRECT ELECTRIC

Electric-powered equipment can significantly reduce operating and maintenance costs, while providing unbeatable dependability and uptime.

4



DUAL POWER

Enable operators to run set up functions such as tracks and discharge angle adjustment via the diesel hydraulic power-pack. Once in position, operators can run conveyor belts electrically. This is the ultimate in running cost efficiency.

5



DIESEL GENSET

Provides operators with three running options. To run the conveyor belt via direct electric, to connect to the mains electric and to couple up with another diesel or diesel electric unit close by.

WE ARE HERE WHEN IT MATTERS MOST



PRODUCT AND TECHNICAL SUPPORT

With our ethos of "Innovation at Work" EDGE not only persist in pushing the boundaries of design and manufacturing to produce hard working, quality machinery, we also bring that same ethos to our aftersales service in order to bring real benefits to customers right across the world. At EDGE we like to see the sales transaction as the start of a long-term partnership. Our goal is to offer the best customer support in the market for the lifetime of the unit. Edge has reinvested and expanded our aftersales department in order to streamline and provide the customer support we believe our customers deserve.



Top Availability

Our Aftersales Support Team are readily available for all your customer needs. We are just a call away, all day, every day.



Top Speed

Express service parts available as none of our customers expect a long wait for replacement parts.



Top Priority

The market rightly demands quick up-time. To make sure of this, we work tirelessly with our international couriers.



Top Satisfaction

We track every despatch, keeping you informed all the way to ensure you are totally satisfied.



Innovation at Work



**TOUGH
VERSATILE
COST EFFICIENT...**

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