

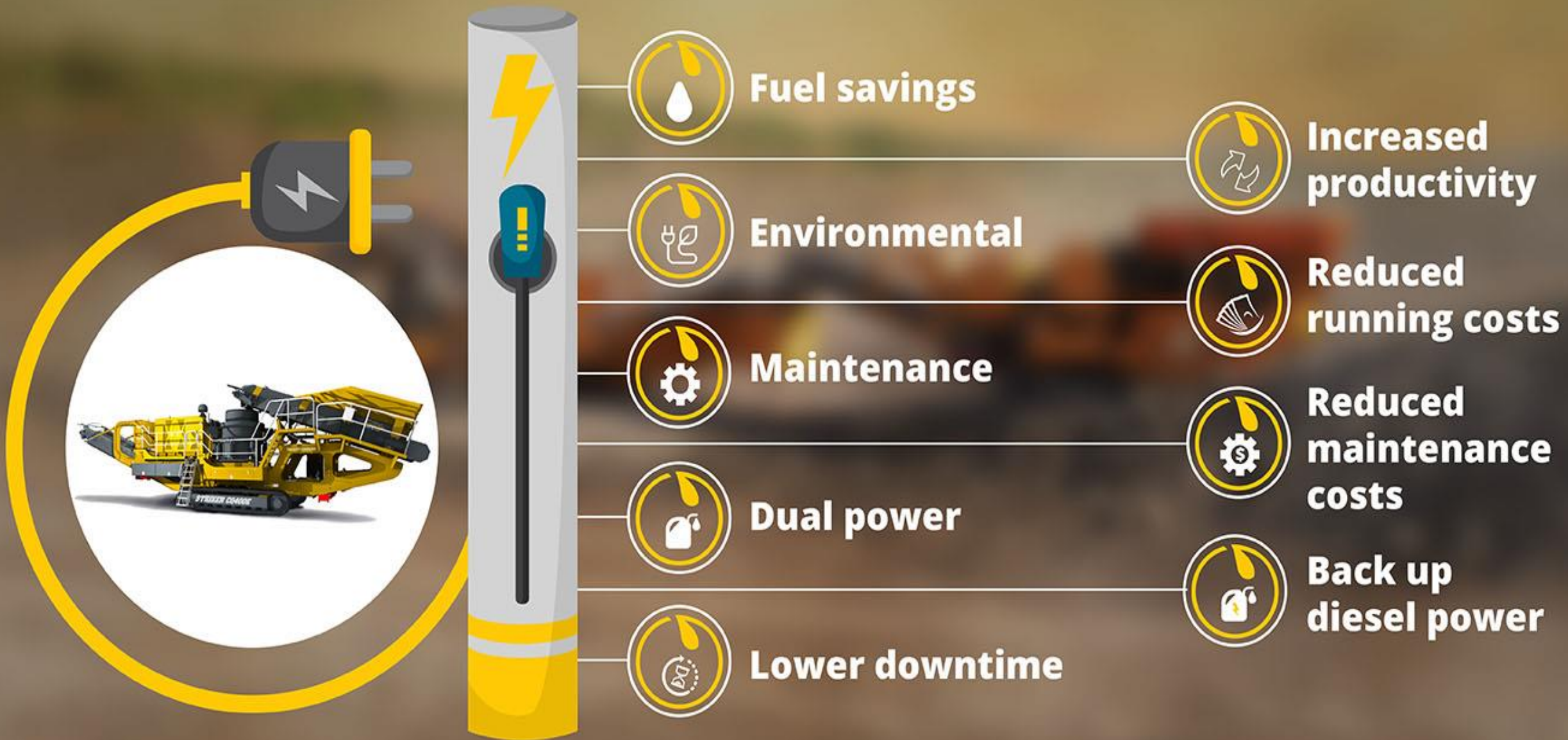
GETRAC

REDUCE RUNNING COSTS



REDUCE CARBON FOOTPRINT

STRIKER
BUILT TO LAST





REDUCE RUNNING COSTS & REDUCE CARBON FOOTPRINT



DUAL POWER

ELECTRIC HYDRAULIC



FULL ELECTRIC

Reduce Running Costs and Carbon Footprint

Striker Etrac is available in three configurations to meet the requirements of Striker's many worldwide clients who share the same pressures to reduce running costs, reducing carbon footprint and create greater business value through focusing on the triple bottom line.

Rationalise common parts across all the Striker range of equipment.

'Application specific' plants.

Integration and control of equipment is central to throughput optimisation with the ability to 'plug and play'.

This unique design gives you the best of both worlds. Track mounted crushing with the fixed plant electric operating costs

Perfect for operations where electricity is more cost effective than diesel

Environmentally and financially sustainable.

Drive positive change inline with sustainable development practices.

Electric / Hydraulic / Diesel

This is also known as electric over hydraulic. The main components of the machine are still run by using hydraulic motors and hosing. This is powered by an electric power pack and has an electric motor to run the crusher.

For screen versions of this the screen box is also run by a hydraulic motor from the power pack.

A small diesel power pack is supplied for operating the tracks and the setting up of the machine, this is a 24 volt control system.

415/380 volt mains power supply to the control board that powers the electric motors. Control voltage can be either 110 volt or 24 volt.



Electric / Hydraulic / Diesel

- Standard engine canopy C4.4 or C7.1 engine with pumps that feed into existing hydraulic and, flow control valves that turn everything on and off.
- Purpose of the diesel engine in the EH range is to allow for diesel/hydraulic power when tracking and setting up machine prior to connection of the electrical power source.
- The use of electric/hydraulic change over valves when switching from set up to operation mode.
- The electric motor is coupled to hydraulic pumps so when the Diesel motor is not running and the electric motor is running the same hydraulic system is utilised.
- Dual pumps for both diesel power pack and electric motor/s
- Set up functional as Diesel Hydraulic and fully function as Electric Hydraulic.
- Electric Hydraulic option – Power supply from Genset or Mains power.

EH Electric Hydraulic | Maanshan China 250 TPH >



Full Electric Set Up

These machines can be supplied in the customer specific voltage that suits the externally supplied power source.

They are similar to the ED version but do not run an on board genset. They can be supplied with a removable diesel power pack for allowing onsite set up and tracking.

Can be supplied with on board MCC or can be connected to external MCC rooms the EE version is the ultimate cost saving track mounted crusher.



Full Electric Set Up

- 80kW gen set to power electric hydraulic power pack that supplies hydraulics for tracking and for set up.
- Purpose of the diesel engine genset in the EE range is to allow for diesel/hydraulic power when tracking and setting up machine prior to connection of main electric power
- Set up functions are carried out using Electric/Hydraulic and full operational function as Electric / Electric.
- Electric Power supply from Genset or Mains power.
- Electric Motorised drums or gearhead motors replace standard hydraulic driven conveyor head drums.
- Main power system runs 415/380 volt and uses 110/24 volt control system
- Alternative mains power voltages are available on request.

EE Full Electric | WA Limestone 350 TPH >



Diesel Genset Electric

- 415/380 volt genset and 24 volt engine control system.
- This set up is a diesel genset mounted on the machine that can be removed for operation on site or left on the machine (depending on model – not available on all model).
- The control system is 110/24 volt and runs full electric drives on all components of the machine.
- Tracks and set up are controlled by an electric hydraulic power pack that is powered from the on board genset.

ED Dual Power | Finders Resources 300 TPH >



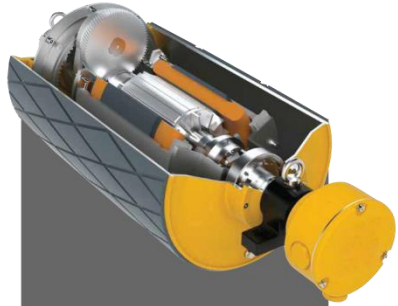
Diesel Genset Electric

- Diesel Powered Electric Generators from 100kVA up to 1000kVA mounted directly onto the crusher or screen chassis.
- Engine size is determined by crusher model
- Purpose of the Genset in the ED range is to allow for electric power when tracking, setting up and operating the machine
- Option changeover switches can be provided to allow connection to mains onsite power supply
- Set up functions are carried out using Electric/Hydraulic and full operational function as Electric / Electric.

ED Dual Power | Finders Resources 300 TPH >



Motorized Drum



**LOW
MAINTENANCE**

**HIGH
EFFICIENCY**

**IMPROVED
SAFETY**

**FIT &
FORGET**

STATIONARY EXTERNAL SHAFT

No additional external moving parts
or external bearings

ROTATING DRUM

Only external moving part. Can be
lagged with rubber or ceramic

ELECTRIC AC MOTOR

Efficient AC motor. VFD and electric
soft start compatible.

FACTORY OIL FILLED

Synthetic oil for cooling of motor and
lubrication of gears and bearings with a
30000 hour lifespan.

GEAR BOX

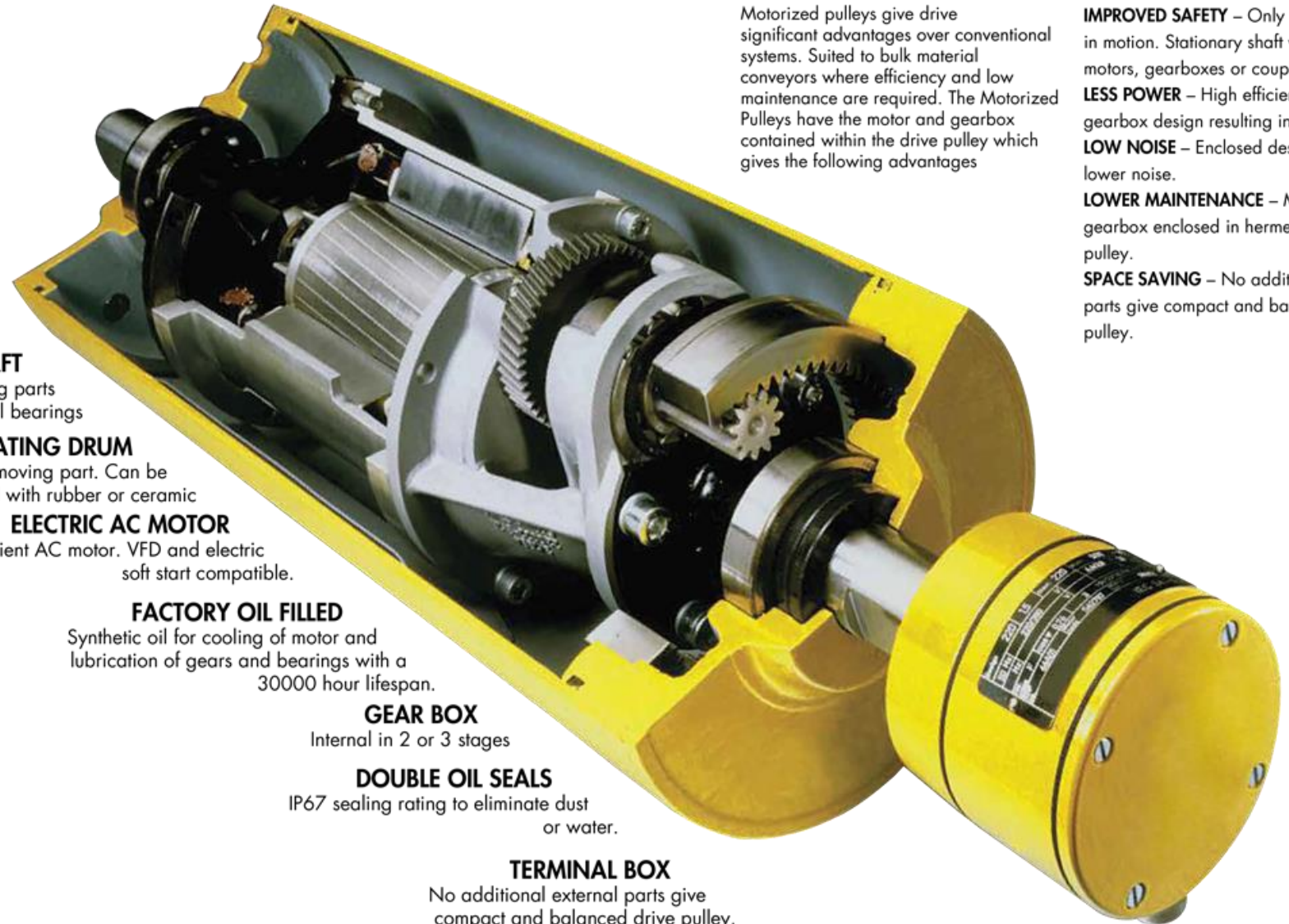
Internal in 2 or 3 stages

DOUBLE OIL SEALS

IP67 sealing rating to eliminate dust
or water.

TERMINAL BOX

No additional external parts give
compact and balanced drive pulley.



Motorized pulleys give drive
significant advantages over conventional
systems. Suited to bulk material
conveyors where efficiency and low
maintenance are required. The Motorized
Pulleys have the motor and gearbox
contained within the drive pulley which
gives the following advantages

IMPROVED SAFETY – Only external drum
in motion. Stationary shaft with no external
motors, gearboxes or couplings.

LESS POWER – High efficiency motor and
gearbox design resulting in lower losses.

LOW NOISE – Enclosed design results in
lower noise.

LOWER MAINTENANCE – Motor and
gearbox enclosed in hermetically sealed
pulley.

SPACE SAVING – No additional external
parts give compact and balanced drive
pulley.

Options For Voltage

Dependent upon the machine model and size, the Striker ETRAC machines come fitted as following

EH – 24 volt control system for running the diesel power pack and 415/380 volt mains power supply control board

ED – 415/380 volt genset and 24 volt engine control system

EE – These machines can be supplied in the customer specific voltage that suits the externally supplied power source.



ETRAC Copper Ore Project Indonesia



ED Dual Power | Finders Resources 300 TPH



ETRAC Hard Rock Quarry China



EH Electric Hydraulic | Maanshan China 250 TPH



ETRAC Aggregates Quarry Australia



EE Full Electric | WA Limestone 350 TPH



ETRAC PRODUCT RANGE



Striker CQ300E
Mobile Cone



Striker CQ400E
Mobile Cone



Striker CQR400E
Mobile Cone



Striker CM500E
Mobile Cone



Striker HQ1112E
Mobile Impact



Striker HQ1312E
Mobile Impact



Striker HQR1112E
Mobile Impact



Striker HQR1312E
Mobile Impact



Striker JQ1170E
Mobile Jaw



Striker JM1310E
Mobile Jaw



Striker SQ1863E
Mobile Sizing