

**BUILT FOR POWER.
ENGINEERED FOR PERFORMANCE.**



SCREENPRO S16 TRACK SCALPER

BUILT FOR POWER.
ENGINEERED FOR PERFORMANCE.





**HIGH CAPACITY
SCREENING**



**INCREASED SCREENING
VERSATILITY**



**HIGHLY
CUSTOMISABLE**



**EASILY
TRANSPORTED**



**KEY
FACTS**

WEIGHT
35.8 / 39.4
(T/UST)

POWER
100 / 134
(kW/HP)

SCREEN SIZE
4.9X1.5 / 16'X5'
(m/ft)

SCREENPRO S16

FEATURES & BENEFITS



Built for power. Engineered for performance. Designed for simplicity.

Ideal for mid to large-scale operations, the EDGE SCREENPRO S16 combines high production rates with precision screening. Featuring a powerful 16' x 5' two-deck screen, the S16 excels in both primary and secondary screening across various materials, from construction debris to aggregates.

The SCREENPRO S16's large screening area, aggressive throw, and versatile screen media options ensure maximum throughput and superior separation for demanding scalping tasks. A heavy-duty feeder ensures consistent material flow, while the adjustable screen angle allows precise control over product specifications.

Key features include a low-level feed hopper, 2 or 3-way split configuration, hydraulic folding conveyors for quick transport transitions, and a fully integrated power unit with large service access. The user-friendly control system with sequential start/stop functionality enhances operational performance and safety.

Whether processing overburden, coal, or recycled materials, the EDGE SCREENPRO S16 delivers unmatched efficiency and reliability, setting a new standard in scalping screens.





KEY HIGHLIGHTS

- Robust 16'X5' (4.9X1.5m) 2 deck screen box with multiple screen media options available.
- Intelligent modular top deck system allowing numerous media types to be installed side by side.
- High capacity feeder with intelligent load management regulates the flow of material to the screen box.
- User friendly control system with a one-touch sequential start / stop facility.
- Compatible for 2-way or 3-way split configurations.
- Flexible screen angle adjustment to suit various applications.
- Reversible side conveyors allow operators to easily switch discharge side.

SCREENPRO S16

DESIGN FEATURES

Large hopper complete with a 1200mm (48") heavy duty feeder with intelligent load management system

Aggressive two deck 4.9X1.5m (16X5') screenbox with large customisation and angle adjustment

Hydraulic folding hopper extensions and spilt rear door for loading on all three sides

Intelligent modular top deck system allowing numerous media types to be installed side by side

900mm (36") wide fines conveyor provides a discharge of up to 4.2m (14')

User friendly control system with a one-touch sequential start / stop facility for easy operation

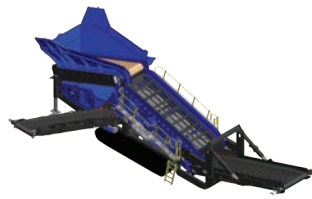
Hydraulic adjustable screen angle from 14 to 20°

4m (13'4") two speed, remote controlled tracks for easy on site mobility

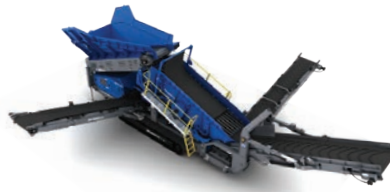
Hydraulic screen jack up functionality provides excellent access to bottom deck screen media



Enables for one man operation with all main functions controlled via wireless remote



2 Way Spilt
Mode



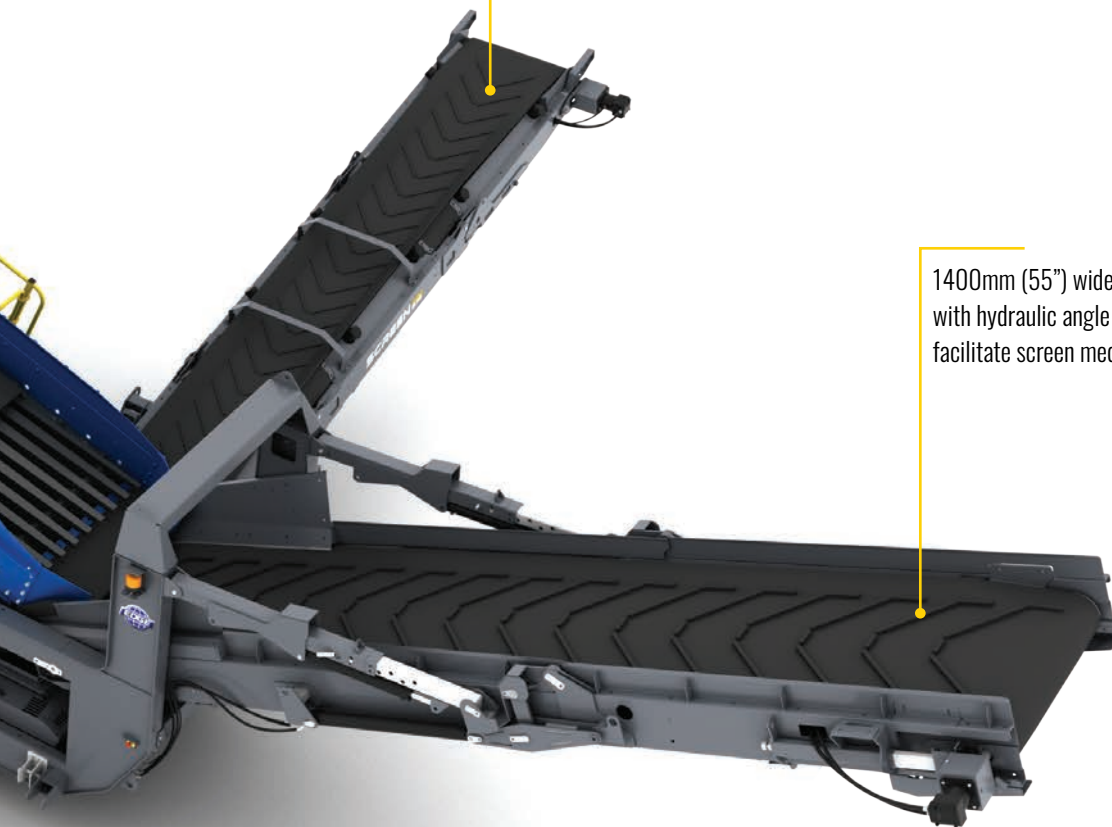
3 Way Standard
Mode



3 way spilt - Reverse Side
Conveyor Mode

900mm (36") mid-size conveyor provides a maximum discharge height of up to 3.9m (13')

1400mm (55") wide, variable speed oversize conveyor with hydraulic angle adjustment. Lowers to 5° to facilitate screen media exchange



SCREENPRO S16

MATERIAL FLOW

Designed to allow for a consistent material flow, the SCREENPRO S16 offers enhanced energy efficiency, reduced wear, high throughput and optimised material separation.

The EDGE S16 offers the largest hopper capacity in its class, encompassing a 1200mm (48") wide, variable speed feeder with forward and reverse functionality. A large feed opening ensures optimum flow of material to the scalping screen whilst EDGE's intelligent load management system regulates material feed resulting in superior uptime by eliminating material overload and

ensures optimum screening production at any given time. This is crucial for applications where continuous operation is essential, as interruptions can result in production delays and increased costs.

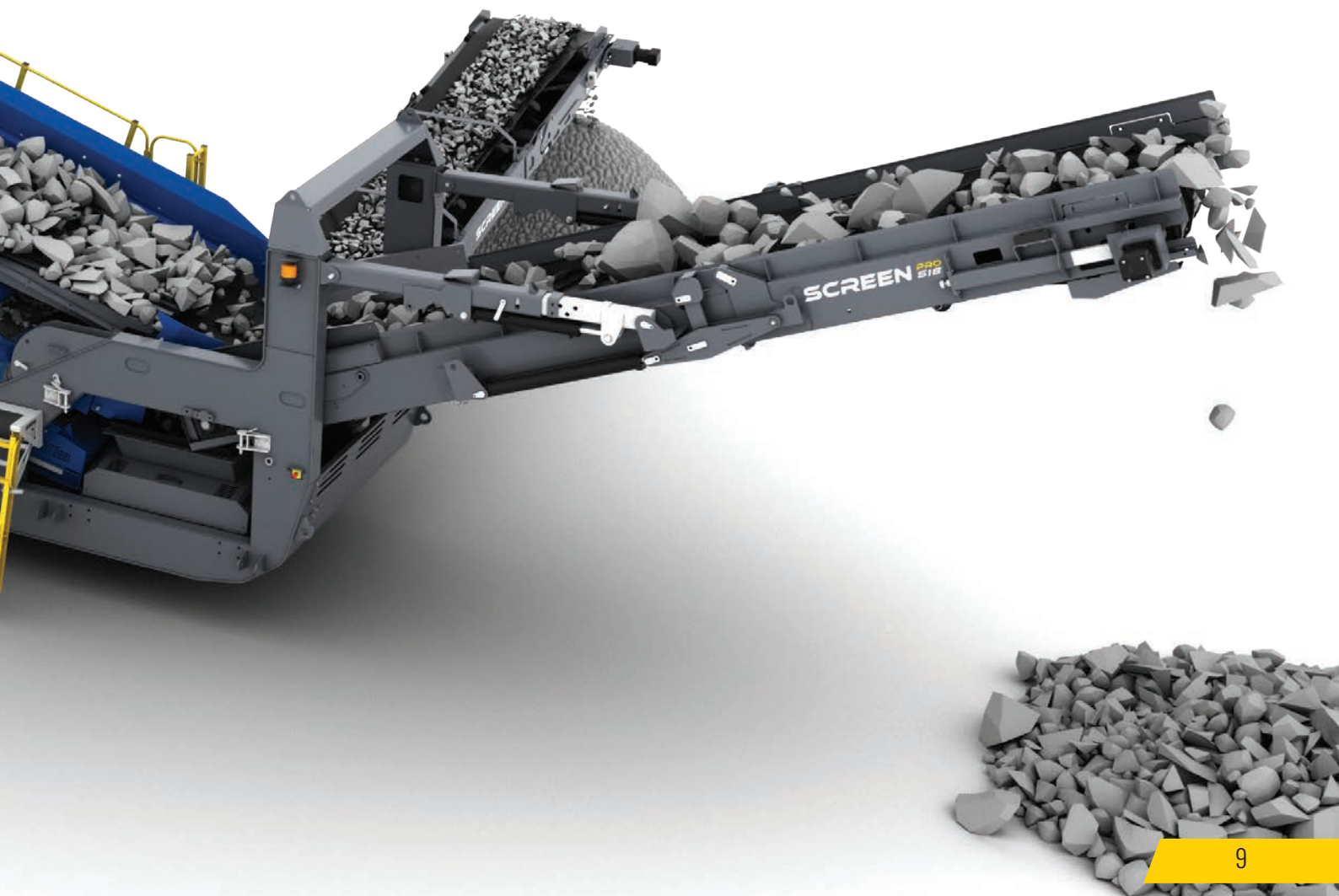
Discharge belts with widths of up to 1400mm (55") and variable belt speeds aid in the smooth flow of material reducing the risk of material surges, bottlenecks or unnecessary downtime. With hydraulic variable working discharge heights the SCREENPRO S16 is ideal for mid to large-scale operations.





The EDGE SCREENPRO S16 is built for effortless transport and rapid deployment. With compact transport dimensions of 16.4m (54' 1") x 13.3m (43' 9") x 4.8m (16'), it is designed for hassle-free movement between job sites. Hydraulic folding discharge conveyors ensure a fast setup time of just 10 minutes, maximizing uptime and operational efficiency.

Whether in quarrying, demolition, or recycling applications, the SCREENPRO S16 delivers superior mobility without compromising performance.



SCREENPRO S16

TECHNICAL SPECIFICATIONS

TRANSPORT DIMENSIONS

Length:	16275mm (53' 5")
Width:	3000mm (9' 11")
Height:	3400mm (11' 2")
Shipping Method:	RoRo
*Gross Weight:	35,800kg (39.4UST)

FEED HOPPER DATA

Hopper Capacity:	13m ³ (17yd ³) with extensions
Minimum Feed In Height:	3046mm (10')
Hopper Extensions:	Hydraulic Folding
Feed Conveyor Belt Width:	1200mm (48")

SCREEN BOX DATA

Screen Size:	4.9m x 1.5m (16x5')
Screen Box Type:	Scalping Screen
Top Deck:	4 off modular cassettes, side tension / bolted
Bottom Deck:	3 off Fixed End Tension Screen Media
Screen Angle:	14° - 20°

OVERSIZE CONVEYOR DATA

Belt Width:	1400mm (55")
Belt Speed:	Variable
Max. Discharge Height:	4129mm (13' 7") @ 24°

MID-SIZE CONVEYOR DATA

Belt Width:	900mm (36")
Belt Speed:	Variable
Max. Discharge Height:	3950mm (13') @ 28°

FINES CONVEYOR DATA

Belt Width:	900mm (36")
Belt Speed:	Variable
Max. Discharge Height:	4269mm (14') @ 28°

POWERUNIT DATA

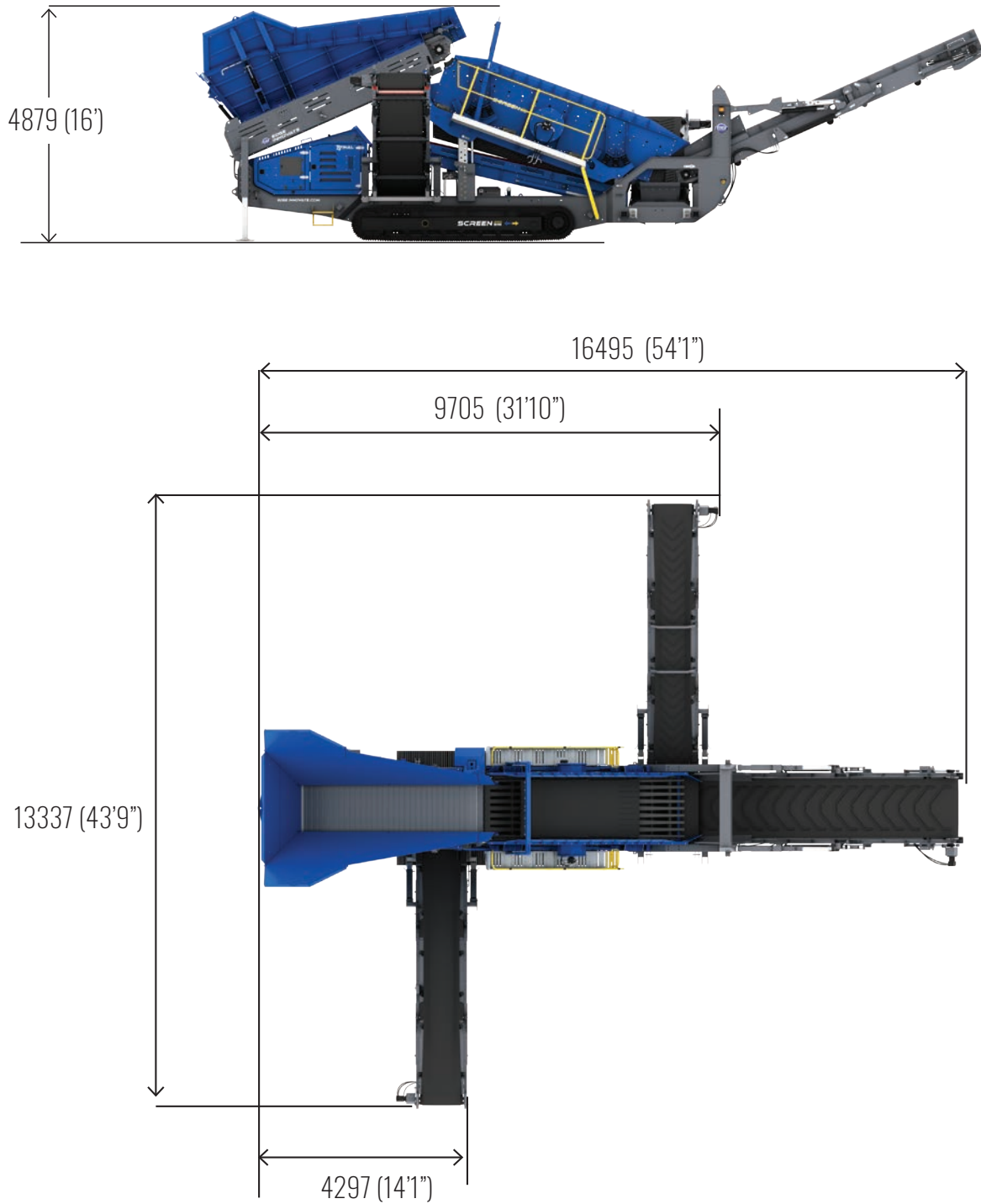
Tier 4 Final / STAGE V:	CAT 3.6 100kW (134hp)
LRC:	CAT 4.4 96kW (129hp)
Fuel Tank Capacity:	375 Litres (99USG)

AVAILABLE OPTIONS

LRC Diesel / Hydraulic	Scalper Screenbox	Telematics	Dust Suppression
STAGE V Diesel / Hydraulic	Various Screen media options	Overband Magnet	Chassis Riser
Electric Hybrid	Apron Feeder	Hydraulic Hopper Extensions	Emergency Pull Cords
Dual Power	Belt Feeder	Central Autolube System	2 Way Spilt Configurator Kit

*Gross weight depending on options selected.

SCREENPRO S16 OPERATIONAL DIMENSIONS

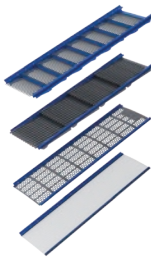


AVAILABLE OPTIONS

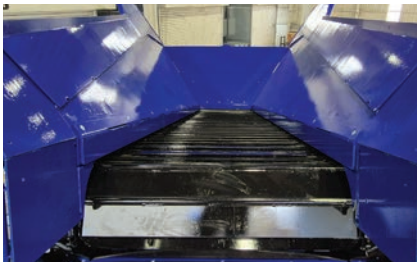
SCREEN BOX OPTIONS



Scalping Screen - perfect screening solution for large quarrying, mining or recycling applications.



Screen Media - a wide range of screen media available to ensure optimum screening performance.



Apron Feeder - for heavier, coarse feed material.



Hydraulic Chassis Jack Legs - supports the feeding of heavier, coarse feeds.



Chassis Riser - Increase ground clearance by and allows for higher stockpile capacities.



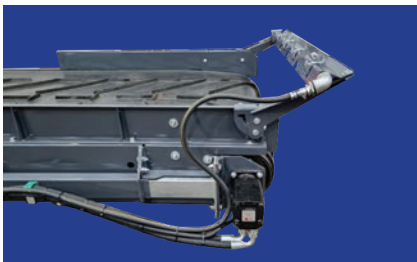
Magnetic Head Drum / Overband Magnets - enables ferrous metal recovery.



Screen Blanket - enhance screening efficiency and performance.



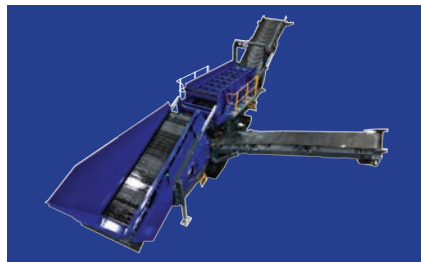
Hydraulic Hopper Extensions - increased hopper capacity and loading target area.



Dust Suppression - dramatically reduce dust development.

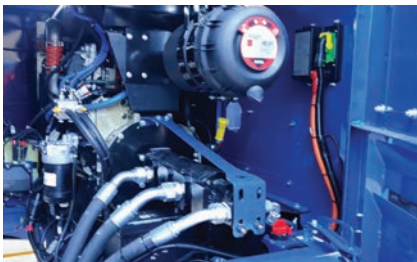


Telematics - enhance efficiency, safety, and maintenance with real-time data.

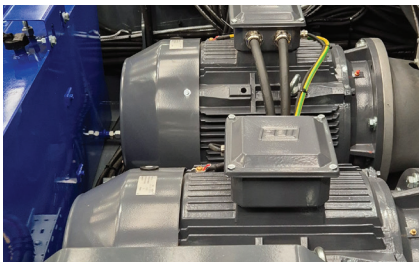


2 Way Split Configuration - An easy retrofit kit requiring minimal downtime for installation.

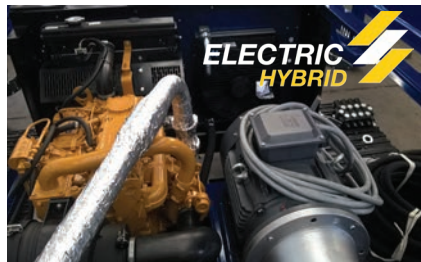
ADDITIONAL OPTIONS



T4F / STAGE V - CAT 3.6 10Kw (134HP) (LRC option also available)



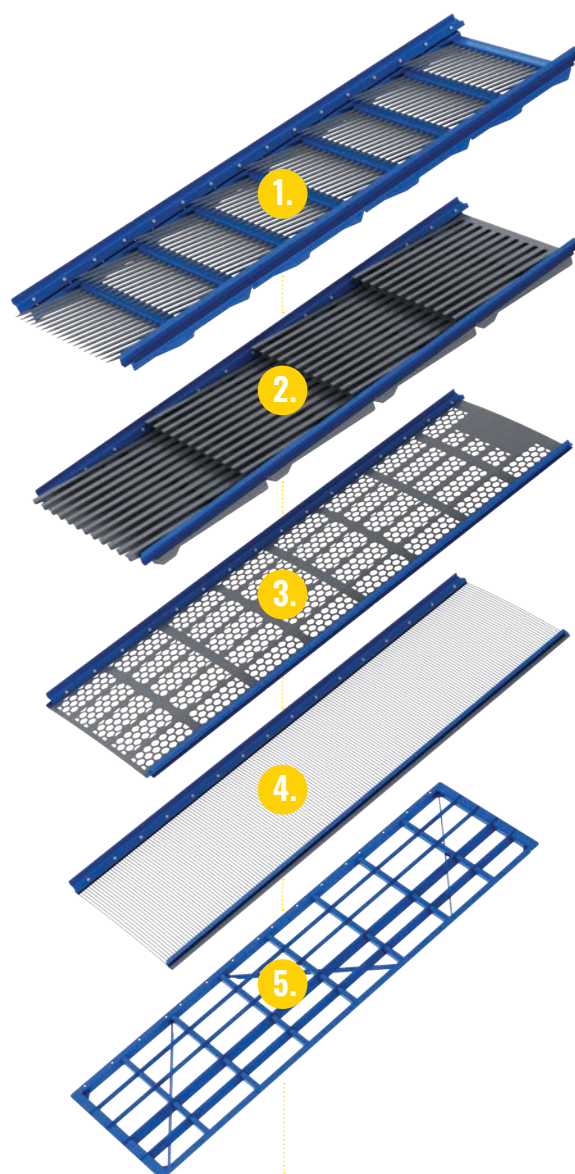
Dual Power - provides the ultimate flexibility of running off either direct electric or diesel engine powersources.



Electric Hybrid - All the advantages of a diesel driven unit in an electric hybrid format.

POWER SOURCE CONFIGURATIONS

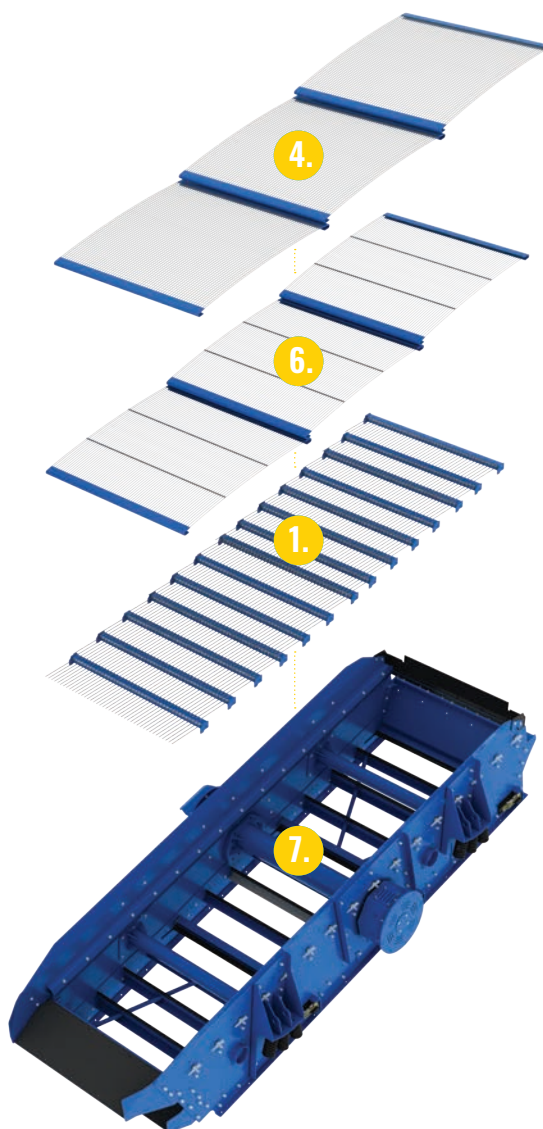
Top Deck Media Options



- 1. FINGER SCREEN
- 2. BOFOR / GRIZZLY DECK

- 3. PUNCH PLATE
- 4. WIRE MESH

Bottom Deck Media Options



- 5. SCREEN FRAME
- 6. SPEED HARP

- 7. DOUBLE DECK SCREEN

Different materials and applications require different types of screen media. EDGE Innovate's SCREENPRO S16 offers a range of screen media options for the upper and lower decks, allowing operators to customise their screen to meet their specific needs. Versatility is crucial when dealing with diverse materials like aggregate, gravel, construction waste and more.

Each application has unique characteristics that influence the choice of screen media. Selecting the correct screen media type and combination is critical to ensure optimum screening performance and production capacity.



GO ELECTRIC!

Enjoy significantly reduced operating costs, reduced servicing and time taken to refuel. Perfect for markets where environmental, legislative or noise constraints are enforced.



SCREENPRO S16^E



**ELECTRIC DRIVE WITH
MOBILITY**

All the advantages of a diesel driven S16 screener in an electric hybrid format.



POWER

The S16E offers the same production capacity and screening performance of a diesel / hydraulic driven unit.



**PLUG AND
SCREEN**

Features a quick plug and go set up functionality for safe and simple operation.



**REDUCED OPERATING
COSTS**

Electric-powered equipment can significantly reduce operating costs.



**INCREASED
UPTIME**

With reduced servicing and time required for refuelling, electric powered units provide unbeatable dependability and uptime.



**FLEXIBLE
SET UP**

All set up functions available in both electric or diesel / hydraulic mode.

PRODUCT AND TECHNICAL SUPPORT

TRIED, TESTED & TRUSTED THROUGHOUT THE GLOBE

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.



**TECHNICAL
ASSISTANCE**



**PARTS
AVAILABILITY**



DELIVERY



WARRANTY





**CONTACT US
TODAY.**