

Product Overview



REDUCED COST



**SITE OPERATING
EFFICIENCY**



**ENVIRONMENTAL
CONSIDERATIONS**



**IMPROVE HEALTH
& SAFETY**



**PRODUCT
QUALITY**

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Industries and Applications

A high level of versatility and a wide range of customisation options means that ProStack equipment can be used in many industries and applications. Our products are ideally suited for use in ports and terminals, quarrying and aggregates and mining and mineral industries, but can be adapted to suit many other applications.

Both mobile and stationary specifications are available for ProStack equipment along with a host of other customising options to suit your project. ProStack offer a comprehensive portfolio of products to address the needs of the bulk material handling and stockpiling markets.



Quarry and Aggregates

ProStack's expertly engineered conveyors are designed for quarry and aggregate applications. Often used for stockpiling and linking, these aggregate conveyors reduce the need for double handling, increase productivity/efficiency and reduce the reliance on traditional high cost stockpiling techniques including front-end wheel loaders.



Mining and Minerals

The ProStack range of bulk material handling solutions has been designed to convey large capacities of minerals and bulk materials for the mining industry. This reliability and efficiency allows for reduced levels of in-pit haulage, as a mobile mining conveyor system can transport the materials out of the pit to be stockpiled above ground. Less vehicles are then required on site which reduces fuel consumption and increases safety. From blast face to berth load out materials are moved safely and effectively.



Ports & Terminals

ProStack has an extensive suite of mobile equipment to suit every port and terminal application. A diverse range of port hoppers, mobile telescopic conveyors, bulk reception feeders and tracked conveyors ensure operational flexibility along with excellent technical performance as port loading conveyors.

Key Applications

The versatility of our products allow us to cater for a number of applications, including:



Stockpiling



Ship Loading & Unloading



Heap Leaching



Rail Loading & Unloading



Port & Terminals



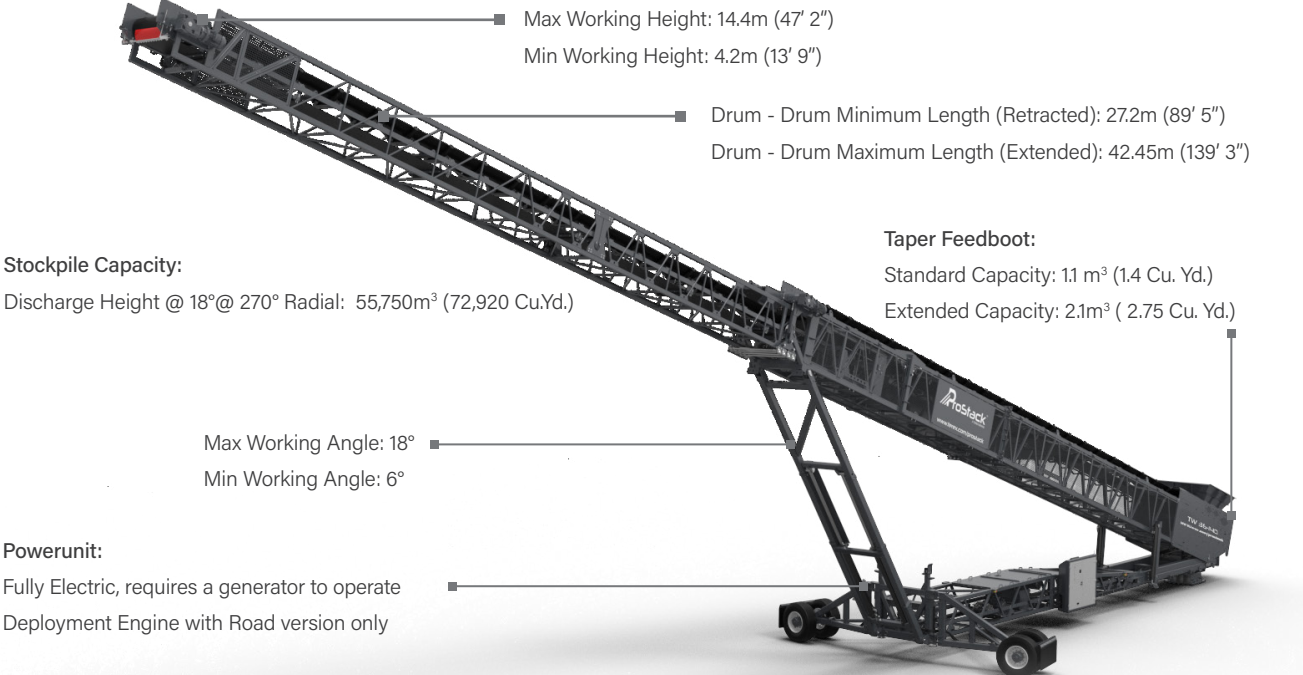
Mining

Telescopic Conveyor Series



TW 36-140 TELESCOPIC CONVEYOR

The TW 36-140 Radial telescopic conveyor has a working length of 140' (42 metres), 270° of radial movement and is available in multiple tonnage options - 0-2000tph. Available in pit portable or road towable variants, the TW 36-140 is a high quality machine suitable for almost all applications including ports and terminals and quarry and aggregate applications. Features include a fully electric drive, allowing the machine to be run from site electric or from an electric crusher, reducing machine maintenance. Automated stockpile patterns can be generated, reducing segregation, degradation, contamination and compaction, ensuring the correct specification for any application or industry. The machine also has a lattice design for increased strength while reducing the total weight. The pit portable version has multi-functional wheels which can be repositioned to perform the radial function. The road towable version allows the machine to be towed on the road in countries where it is permitted.



TRANSPORT DIMENSIONS	TW 36-140	OPTIONS*	OPTIONS Continued*
	PIT PORTABLE	Throughputs between 0-2000 tph	AS3000 Electrical
Length	27.79m (91' 2")	Belt weigher	LED Work Lighting
Width	3.28m (10'9")	Pull cord E-Stop	Self Propelled Tracked Tugger
Height	5.19m (17')	Feedboot Lined 6mm steel liner	Dust Covers, Inner & Outer Conveyor
Weight (Est.)	27,000kg (59,525 lbs)	Feedboot Lined 6mm Wear plate	Single or Dual Sided Maintenance Catwalks
Containerised shipping	3 x 40ft High Cube	Feedboot Lined 12mm Wear plate	Road towable version available
CONVEYOR DETAILS	TW 36-140	Feedboot Lined 20mm rubber	Telematics
Max. Conveyor length	42.45m (139'3")	Chevron Belt	Radio control
Belt width	900mm (36")	Heavy Duty Belt	Selection of automatic stockpiling programs
Min. discharge height	4.2m (13'9")	Twin Radial Drive	Secondary scrapers
Max. discharge height	14.4m (47'2")	Low level greasing for both conveyors	Hot & cold oil packs
Production capacity	0-2000tph (2204 stph)	Belt alignment switches	Belt rip switches
		Material sensors	
		Radial travel safety switches	
		Self aligning roller	

* Refer to order form for current listing of options available.



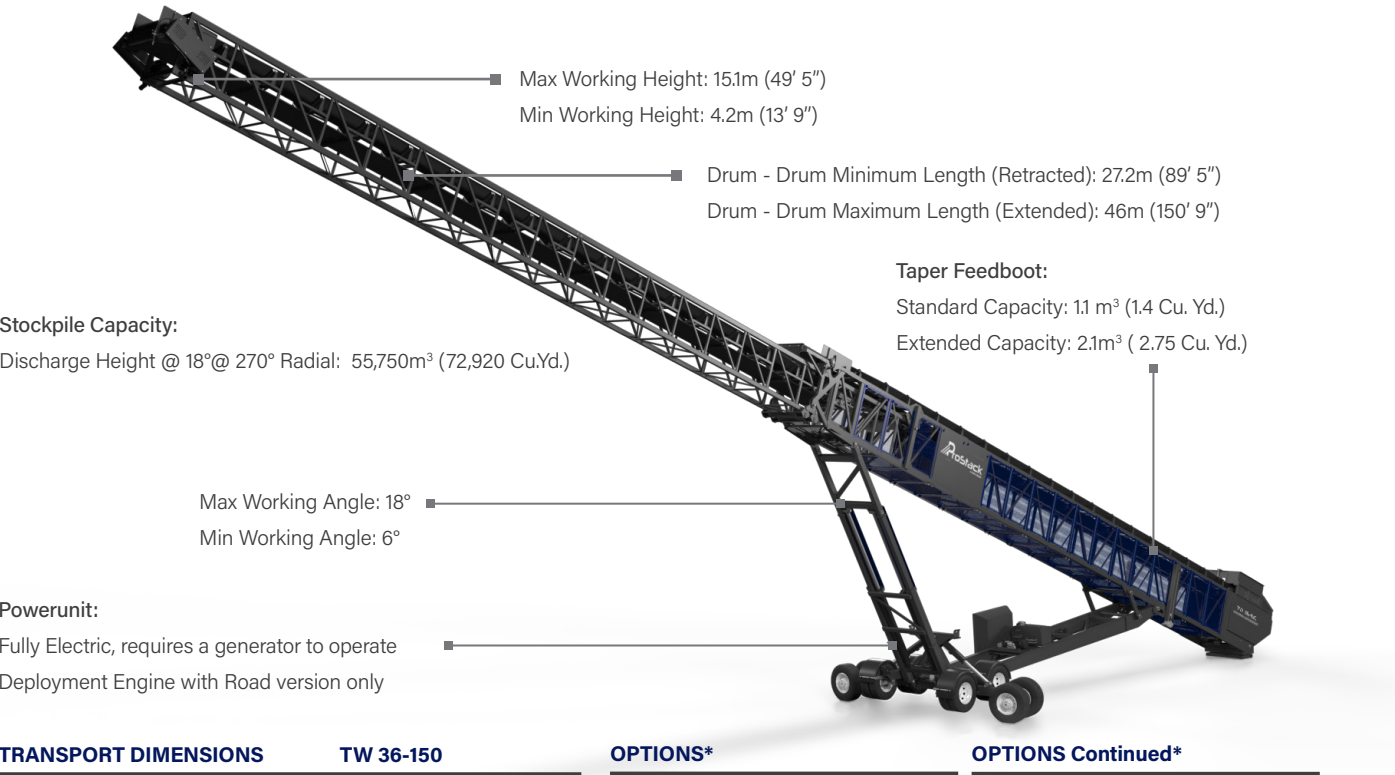
Showing: Road towable version available

TW 36-150

TELESCOPIC CONVEYOR

ProStack's TW 36-150 Radial Telescopic Conveyor features a working length of 46 meters (150') and is capable of 270° of radial movement. Through close collaboration between the customer and ProStack's engineering team, the TW 36-150 can be tailored to meet the specifications of multiple applications, including quarrying, ship loading and mining. The TW 36-150 has a transport length of 27.3m (89' 5") and is available in a road towable version in some territories.

A stockpile height of over 15 metres (49' 5") allows for a maximum stockpile capacity of approximately 138,190 tonnes.



TRANSPORT DIMENSIONS	TW 36-150	OPTIONS*	OPTIONS Continued*
	ROAD TOWABLE	Throughputs between 0-2000 tph	LED Work Lighting
Length	27.3m length (89'5")	Belt weigher	Self Propelled Tracked Tugger
Width	3.65m (11'9")	Push button e-stop	Dust Covers, Inner & Outer Conveyor
Height	4.2m (13'7")	Feedboot Lined 6mm steel liner	Spraybars for dust suppression
Weight (Est.)	29500 kg - 65000lbs	Feedboot Lined 6mm Wear plate	Extended Feedboot skirting
		Feedboot Lined 12mm Wear plate	Telematics
		Feedboot Lined 20mm rubber	Radio control
		Chevron Belt	Selection of automatic stockpiling programs
		Heavy Duty Bell	Secondary scrapers
		Twin Radial Drive	Hot & cold climate oil packs
		Low level greasing for both conveyors	Belt rip switches
		Belt alignment switches	CEMA C grade roller upgrade
		Material sensors	Rockshelf feedboot
		Radial travel safety switches	
		Self aligning roller	

AS4324.1 Structural Design as Standard

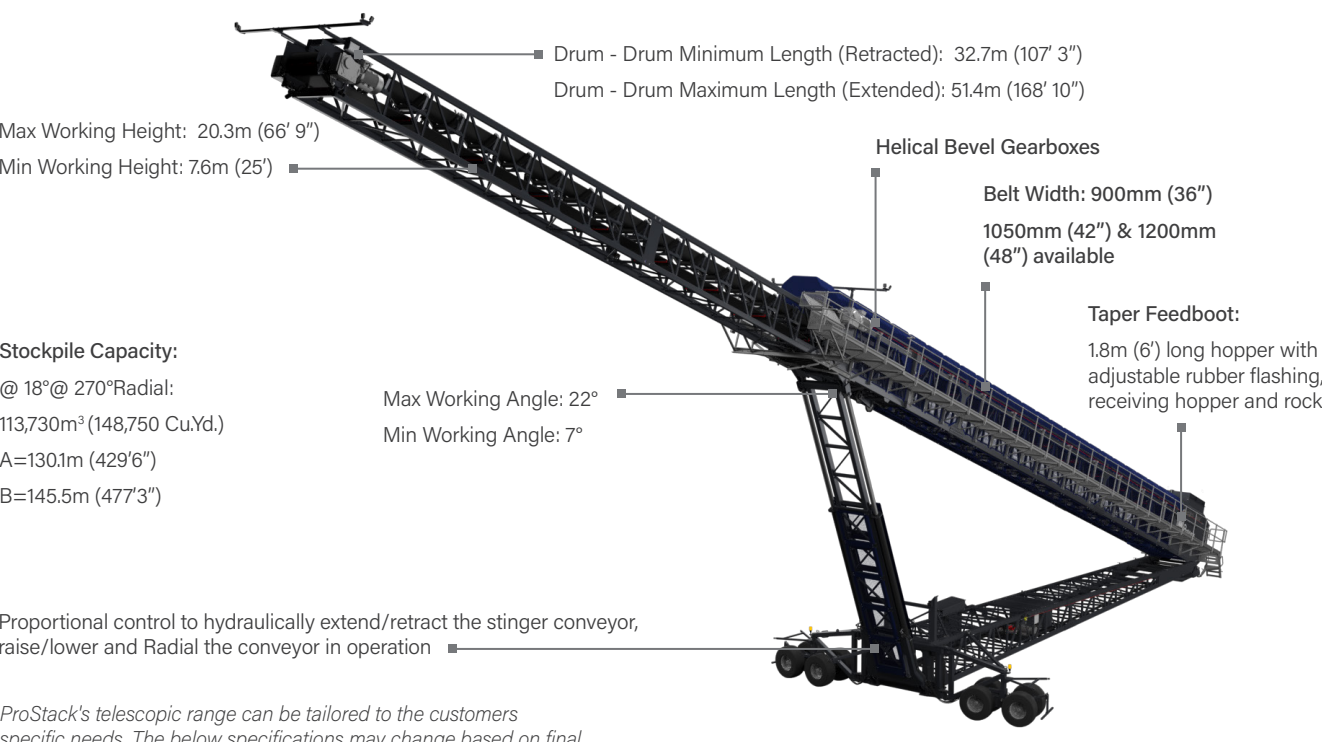
* Refer to order form for current listing of options available.

170 Series

TELESCOPIC CONVEYORS

The ProStack 170 Series consists of highly customisable 170' (52 metre) long telescopic conveyors that are constructed through close collaboration with the customer. A wide range of options including belt widths, production capacities, feed boot lining, twin radial drive and more are available, allowing users to tailor their conveyor to their specific needs.

This series of telescopic conveyor is capable of 270° of radial movement and has a maximum working angle of 22° providing a maximum stockpile height of 59' (18 metres). The 170 Series can achieve an approximate stockpile capacity of 182,176 tonnes depending on final specification.



ProStack's telescopic range can be tailored to the customers specific needs. The below specifications may change based on final specification.

TRANSPORT DIMENSIONS	OPTIONS*	OPTIONS Continued*
Length	Throughputs between 0-2000 tph	AS3000 Electrical
Width	Belt weigher	LED Work Lighting
Height	Pull cord E-Stop	Self Propelled Tracked Tugger
Weight (Est.)	Feedboot Lined 6mm steel liner	Dust Covers, Inner & Outer Conveyor
Containerised shipping	Feedboot Lined 6mm Wear plate	Single or Dual Sided Maintenance Catwalks
	Feedboot Lined 12mm Wear plate	Road towable version available
	Feedboot Lined 20mm rubber	
	Chevron Belt	
	Heavy Duty Belt	
	Twin Radial Drive	
	Low level greasing for both conveyors	
	Belt alignment switches	
	Material sensors	
	Radial travel safety switches	
	Self aligning roller	

DIFFERENT CAPABILITIES OF TPH ARE AVAILABLE

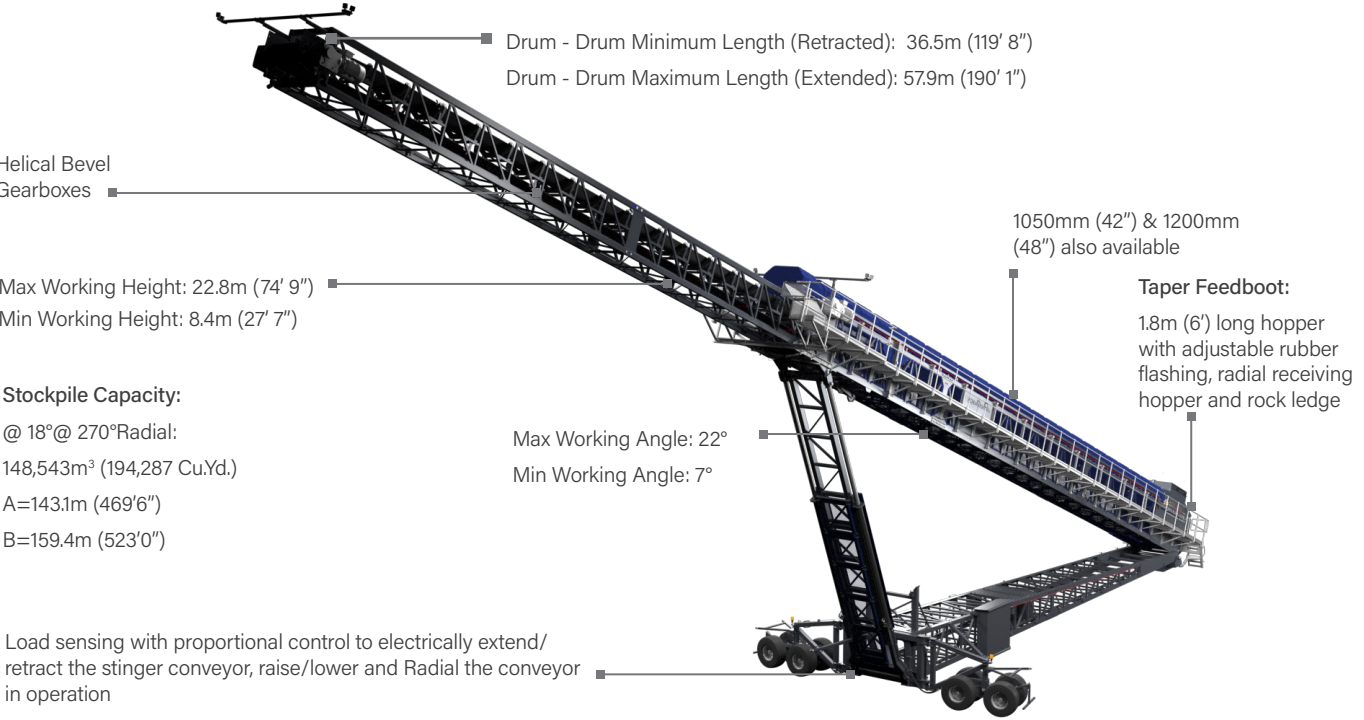
* Refer to order form for current listing of options available.

190 Series

TELESCOPIC CONVEYORS

The ProStack 190 Series offers tailor-made 190’ (58 metre) telescopic conveyors, designed in close collaboration with customers to meet their specific requirements. A variety of options are available, including different belt widths, production capacities, feed boot lining, twin radial drive and more allowing for bespoke solution for multiple applications.

This series of telescopic conveyors features 270° radial movement and a maximum working angle of 22°, enabling a stockpile height of up to 74’ 9” (22.5 metres). Depending on the final configuration, the 190 Series can achieve an approximate stockpile capacity of 237,943 tonnes.



ProStack's telescopic range can be tailored to the customers specific needs. The below specifications may changed based on final specification.

TRANSPORT DIMENSIONS

Length	35.2m (115' 8")
Width	4.8m (15' 11")
Height	6.9m (22' 10")
Weight (Est.)	6.9m (22' 10")
Containerised shipping	7 x 40ft High Cube

CONVEYOR DETAILS

Max. conveyor length	57.9m (190' 2")
Belt width	1050mm (42") - 1200mm (48")
Min. discharge height	8.4m (27' 7")
Max. discharge height	22.8m (74' 9")
Production capacity	0-2000tph (2204stph)

OPTIONS*

Throughputs between 0-2000 tph
Belt weigher
Pull cord E-Stop
Feedboot Lined 6mm steel liner
Feedboot Lined 6mm Wear plate
Feedboot Lined 12mm Wear plate
Feedboot Lined 20mm rubber
Chevron Belt
Heavy Duty Belt
Twin Radial Drive
Low level greasing for both conveyors
Belt alignment switches
Material sensors
Radial travel safety switches
Self aligning roller

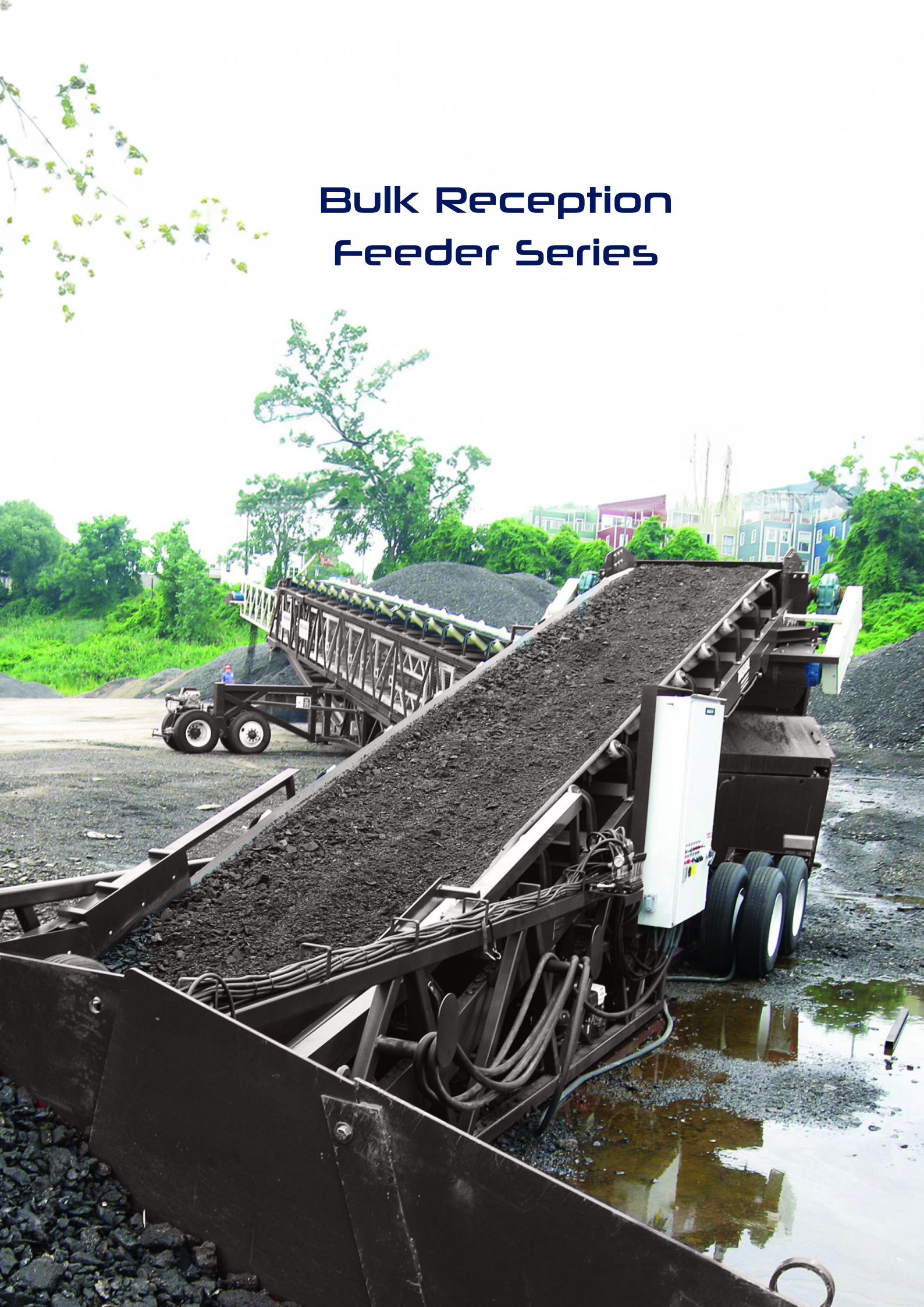
OPTIONS Continued*

AS3000 Electrical
LED Work Lighting
Self Propelled Tracked Tugger
Dust Covers, Inner & Outer Conveyor
Single or Dual Sided Maintenance Catwalks
Road towable version available

* Refer to order form for current listing of options available.



TW 36-140
New England, USA

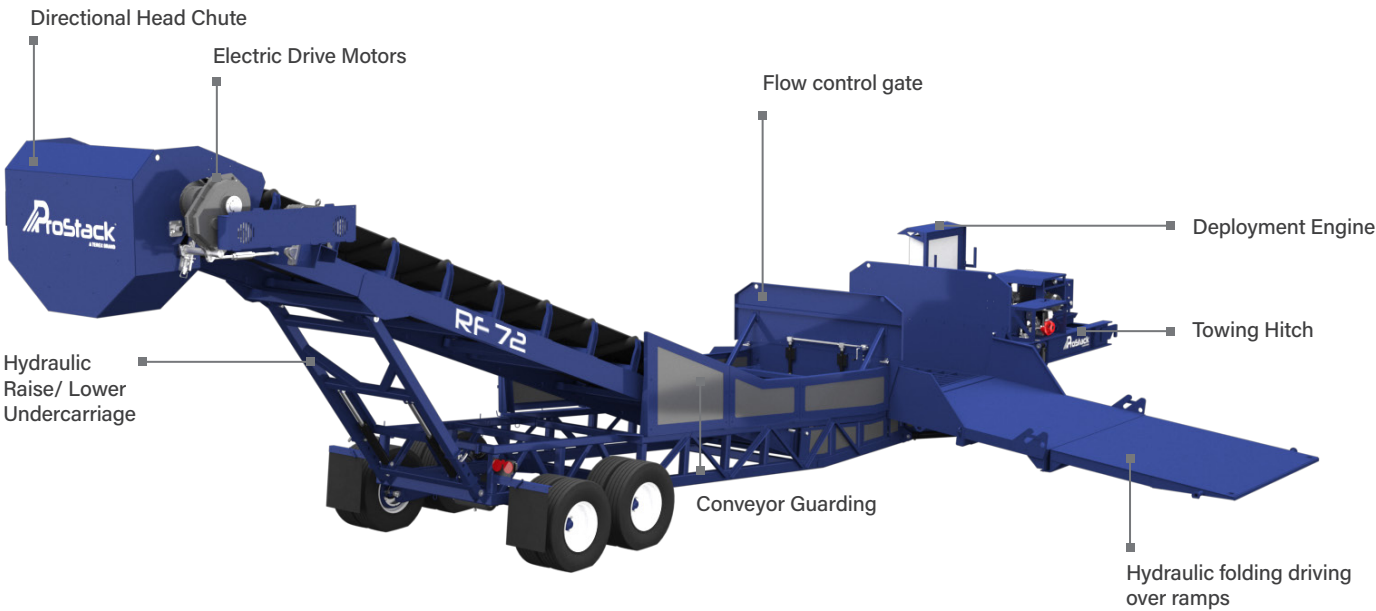


Bulk Reception Feeder Series

RF 72 BULK RECEPTION FEEDER

The RF 72 Portable Bulk Reception Feeder has a 56 foot long and 72 inches wide conveyor belt and is built to handle the toughest jobs. This Heavy Duty Bulk Reception Feeder allows for the highest level of productivity and efficiency for loading and unloading trucks, ships, trains and more.

Each bulk reception feeder is purpose built to accept load from rear tip, articulated and belly feed trucks. Allowing the port operation to tip directly into conveyor rather than on the quayside allows for truck-to-ship loading. Throughout the process, the RF 72 can either be used to load directly into vessel or more commonly be used to directly feed larger ProStack shiploading equipment. The RF 72 is available in select regions.



TRANSPORT DIMENSIONS	RF 72
Length	21.65m (71')
Width	3.65m (11' 12")
Height	4m (13' 1")
Weight (Est.)	23950kg (52,700lb)
Containerised shipping	4 x 40ft High Cube

CONVEYOR DETAILS	RF 7256
Conveyor length	17m (56')
Belt width	1800mm (72")
Min. Discharge height	3.52m (11' 6") @15 deg
Max. discharge height	4.66m (15' 3") @ 21 deg
Production capacity	1500 TPH @1600kg m³ (1650 STPH)

OPTIONS
Hydraulic Landing Jacks and Power Unit
Wireless Remote-Control System
Additional Remote
Vulcanized Belt Splice
Central Automated Lubrication System
Continuous Cycling Ramps
Hot Climate Hydraulic Protection
Cold Weather Hydraulic Oil Tank Heater
Walkway over Belt - with stairs
Onboard Genset- 250KW Genset to power BRF 72 and other equipment
Feed Hopper- 17 cubic yard Integrated reception Hopper
Containerization - break down and pack into 3 containers

Port Hopper Series



PH 60 PORT UNLOADING EQUIPMENT

The PH 60 Port Hopper is capable of receiving material densities of 0.5 to 1.2. It comes in an in-line tow chassis configuration with a removable tow bar. It is suitable for applications with restricted quay widths.

Loaded with a crane and grab, ProStack hoppers are a robust, reliable and efficient bulk handling solution - customized to the product, terminal and specifications of our clients.

Features:

- ✓ Ease of use
- ✓ Robust
- ✓ Torsionally stiff frame
- ✓ Patented load equalizing suspension
- ✓ High quality steel
- ✓ Flexible material handling

Overview

Hopper Aperture	6m x 6m
Machine height	9m
Hopper capacity	50m³ (Below Grid)
Mobility	Detachable Tow bar
Discharge	Hydraulic Slide
Power	Plug in & Onboard Genset
Material Density Range	0.5 to 1.2

Standard Specifications

33 KVA Generator
Single hydraulic 500mm slide
Hydraulic Wheel jacking
Operator cabin with Joystick Control
Access Ladder to Thimble
Out-Loading Rubber Chute
Detachable 5th wheel lift point
Travel Beacon and Siren
Machine Quayside Lighting
One Colour Paint Scheme
LD Trash Grid (200x200 Aperture)

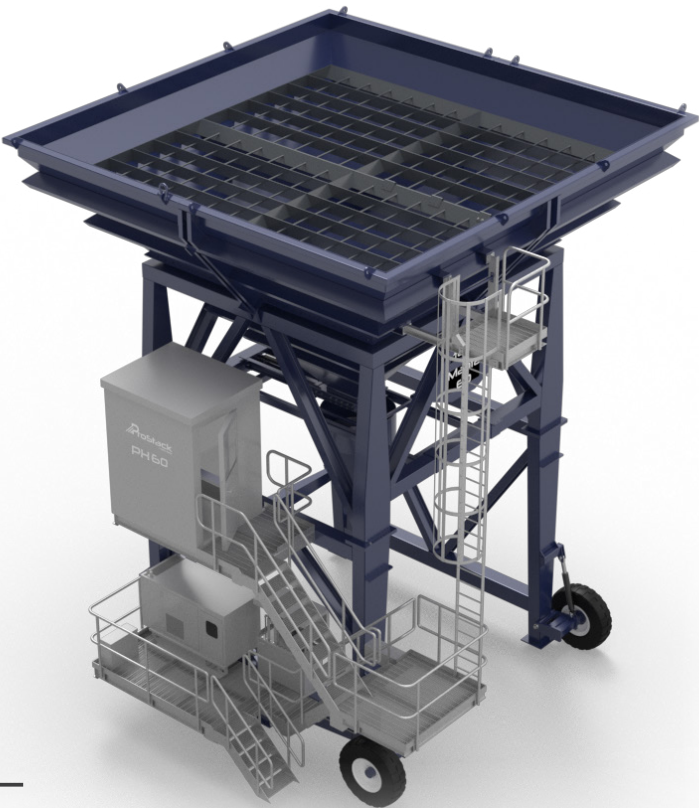


Image shown
In-line Tow Chassis configuration
Removable Tow bar Suitable for applications with restricted Quay widths

Options

Single hydraulic 700mm slide upgrade
Air conditioning unit
FM Radio
Port Operators radio - Pedal Operated
Thimble Wash down Line
Towing Light System
Client Colour Scheme
Traffic Light System
Tannoy System
HD Trash Grid 300x300 aperture
HD Trash Grid 350x350 aperture
Cable Reel

PH 70

PORT UNLOADING EQUIPMENT

The PH 70 Port Hopper is capable of receiving material densities of 0.5 to 1.2. It comes with an in-line tow chassis configuration and a removable tow bar. It is suitable for applications with restricted quay widths.

Loaded with a crane and grab, hoppers are a robust, reliable and efficient bulk handling solution - customized to the product, terminal and specifications of our clients.

Features:

- ✓ Ease of use
- ✓ Robust
- ✓ Torsionally stiff frame
- ✓ Patented load equalizing suspension
- ✓ High quality steel
- ✓ Flexible material handling

Overview

Hopper Aperture	7m x 7m
Machine height	9.5m
Hopper capacity	60m³ (Below Grid)
Mobility	Detachable Tow bar
Discharge	Hydraulic Slide
Power	Plug in & Onboard Genset
Material Density Range	0.5 to 1.2

Standard Specifications

33 KVA Generator
Single hydraulic 500mm slide
Hydraulic Wheel jacking
Operator cabin with Joystick Control
Access Ladder to Thimble
Out-Loading Rubber Chute
Detachable 5th wheel lift point
Travel Beacon and Siren
Machine Quayside Lighting
One Colour Paint Scheme
LD Trash Grid (200x200 Aperture)



Image shown

In-line Tow Chassis configuration

Removable Tow bar Suitable for applications with restricted Quay widths

Options

Single hydraulic 700mm slide upgrade
Air conditioning unit
FM Radio
Port Operators radio - Pedal Operated
Thimble Wash down Line
Towing Light System
Floodlight Quayside lighting
Client Colour Scheme
Traffic Light System
Tannoy System
HD Trash Grid 300x300 aperture
HD Trash Grid 350x350 aperture
Cable Reel

PH 75

PORT UNLOADING EQUIPMENT

The PH 75 Port Hopper is capable of receiving material densities of 0.5 to 1.0. It comes with a fixed tow chassis configuration.

Loaded with a crane and grab, hoppers are a robust, reliable and efficient bulk handling solution - customized to the product, terminal and specifications of our clients.

Features:

- ✓ Ease of use
- ✓ Robust
- ✓ Torsionally stiff frame
- ✓ Patented load equalizing suspension
- ✓ High quality steel
- ✓ Flexible material handling

Overview

Hopper Aperture	7.5m x 7.5m
Machine height	9.570m
Hopper capacity	60m³ (Below Grid)
Mobility	Fixed Towable
Discharge	Hydraulic Slide
Power	Plug in & Onboard Genset
Material Density Range	0.5 to 1.0

Standard Specifications

33 KVA Generator
Single hydraulic 500mm slide
Hydraulic Wheel jacking
Operator cabin with Joystick Control
Access Ladder to Thimble
Out-Loading Rubber Chute
Detachable 5th wheel lift point
Travel Beacon and Siren
Machine Quayside Lighting
One Colour Paint Scheme
LD Trash Grid (200x200 Aperture)



Image shown

Fixed Tow Chassis configuration

Options

Air conditioning unit
Hydraulic operated slide upgrade (Based on Spec)
FM Radio
Port Operators radio - Pedal Operated
Thimble Wash down Line
Towing Light System
Floodlight Quayside lighting
Client Colour Scheme
Traffic Light System
Tannoy System
LD Trash grid upgrade
Cable Reel
Flex Flap System

PH 67

PORT UNLOADING EQUIPMENT

The PH 67 Port Hopper is capable of receiving material densities of 0.5 to 1.5. It comes with a fixed tow chassis configuration.

Loaded with a crane and grab, ProStack hoppers are a robust, reliable and efficient bulk handling solutions - customized to the product, terminal and specifications of our clients.

Features:

- ✓ Ease of use
- ✓ Robust
- ✓ Torsionally stiff frame
- ✓ Patented load equalizing suspension
- ✓ High quality steel
- ✓ Flexible material handling



Image shown

In-line Tow Chassis configuration

Removable Tow bar Suitable for applications with restricted Quay widths

Options

- Single hydraulic 700mm slide upgrade
- Air conditioning unit
- FM Radio
- Port Operators radio - Pedal Operated
- Thimble Wash down Line
- Towing Light System
- Floodlight Quayside lighting
- Client Colour Scheme
- Traffic Light System
- Tannoy System
- LD Trash grid upgrade
- Cable Reel

PH 67HD

PORT UNLOADING EQUIPMENT

The PH 67HD Port Hopper is capable of receiving material densities of 0.75 to 1.6.It comes with a tow chassis configuration and there is a self drive and Flex-Flap system upgrade available.

Loaded with a crane and grab, ProStack hoppers are a robust, reliable and efficient bulk handling solutions - customized to the product, terminal and specifications of our clients.

Features:

- ✓ Ease of use
- ✓ Robust
- ✓ Torsionally stiff frame
- ✓ Patented load equalizing suspension
- ✓ High quality steel
- ✓ Flexible material handling



Image shown

Tow Chassis configuration

Self Drive and Flex-Flap system upgrade available

Overview

Hopper Aperture	6.7m x 6.7m
Machine height	10,028m
Hopper capacity	60m³ (Below Grid)
Mobility	Fixed Towable (Self Drive Option)
Discharge	Hydraulic Slide
Power	Plug in & Onboard Genset
Material Density Range	0.75 to 1.6

Standard Specifications

33 KVA Generator
Single hydraulic 700mm slide
Hydraulic Wheel jacking
Operator cabin with Joystick Control
Air conditioning unit
Access Ladder to Thimble
Out-Loading Rubber Chute
5th wheel lift point
Travel Beacon and Siren
Machine Quayside Lighting
One Colour Paint Scheme
HD Trash Grid (300x300 Aperture)

Options

Hydraulic operated slide upgrade (Based on Spec)
FM Radio
Port Operators radio - Pedal Operated
Thimble Wash down Line
Self Drive Up-Grade
Towing Light System
Floodlight Quayside lighting
Client Colour Scheme (Based on Spec)
Traffic Light System
Tannoy System
HD Trash grid 350x350 aperture
Flex Flap System
Cable Reel

PH 63HD

PORT UNLOADING EQUIPMENT

The PH 63HD is the largest in the standard range of ProStack port hoppers and can is capable of receiving material densities of 0.75 to 1.8. It has a hopper capacity of up to 80m³ and a height of 13.6m.

Loaded with a crane and grab, ProStack hoppers are a robust, reliable and efficient bulk handling solutions - customized to the product, terminal and specifications of our clients.

Features:

- ✓ Ease of use
- ✓ Robust
- ✓ Torsionally stiff frame
- ✓ Patented load equalizing suspension
- ✓ High quality steel
- ✓ Flexible material handling

Overview

Hopper Aperture	6.3m x 6.3m
Machine height	13,600m
Hopper capacity	60m³ (with Filtration) 80m³ (with Filtration)
Mobility	Self Drive
Discharge	Hydraulic Slide
Power	Plug in & Onboard Genset
Material Density Range	0.75 to 1.8

Standard Specifications

110 KVA Generator
Twin hydraulic 500mm slide
Hydraulic Wheel jacking
Operator cabin with Joystick Control
Air conditioning unit
Access Ladder to Thimble
Thimle wash down lines
Out-Loading Rubber Chute
Self Drive
Travel Beacon and Siren
Machine Quayside Lighting
One Colour Paint Scheme
HD Trash Grid (300x300 Aperture)
Flex Flap System



Image shown
Fitted with Dual Hopper Outlet

Options

Single hydraulic 700mm slide (replaces 500mm Slide)
Air conditioning unit
FM Radio
Port Operators radio - Pedal Operated
Thimble Wash down Line
Towing Light System
Floodlight Quayside lighting
Client Colour Scheme
Traffic Light System
Tannoy System
HD Trash Grid 300x300 aperture
HD Trash Grid 350x350 aperture
Cable Reel

PH 63 Eco

PORT UNLOADING EQUIPMENT

The PH 63 Eco Environmental Port Hopper is the largest of the standard range and is capable of receiving material densities of 0.75 to 1.8. It has a hopper capacity of up to 80m³ and a height of 13.6m. A full dust encapsulation filtration systems ensures a clean and healthy environment during operation.

Loaded with a crane and grab, ProStack hoppers are a robust, reliable and efficient bulk handling solutions - customized to the product, terminal and specifications of our clients.

Features:

- ✓ Ease of use
- ✓ Robust
- ✓ Torsionally stiff frame
- ✓ Patented load equalizing suspension
- ✓ High quality steel
- ✓ Flexible material handling

Overview

Hopper Aperture	6.3m x 6.3m
Machine height	13,600m
Hopper capacity	60m³ (with Filtration) 80m³ (with Filtration)
Mobility	Self Drive
Discharge	Hydraulic Slide
Power	Plug in & Onboard Genset
Material Density Range	0.75 to 1.8

Standard Specifications

110 KVA Generator
Twin hydraulic 500mm slide
Hydraulic Wheel jacking
Operator cabin with Joystick Control
Air conditioning unit
Access Ladder to Thimble
Thimle wash down lines
Out-Loading Rubber Chute
Self Drive
Travel Beacon and Siren
Machine Quayside Lighting
One Colour Paint Scheme
HD Trash Grid (300x300 Aperture)
Flex Flap System
Aspirated Dust Contril Filters
Reverse jet Filter Clening



Image shown
Fitted with Dual Hopper Outlet
Aspirated dust control Filters

Options

Twin Hydraulic operated Slide Upgrade to 700mm
FM Radio
Port Operators radio - Pedal Operated
Out-Loading retractable Bellows
Floodlight Quayside lighting
Client Colour Scheme (Based on spec)
Traffic Light System
Tannoy System
HD Trash Grid 350x350 aperture upgrade
Aspirated Dust Control Filters (Based on Product)
Reverse Jet Filter Cleaning System (Based on Product)
Cable Reel



TAILOR MADE SOLUTIONS

From our small standard range up to our large rail mounted multiple discharge configurations, you will get the right solution for you.

“ We Will Work With You to Develop a Cost-Effective, 'Fit For Purpose' Ship-Unloader For Your Port ”

Tracked Conveyor Series



TC 65 & TC 80

TRACKED CONVEYORS

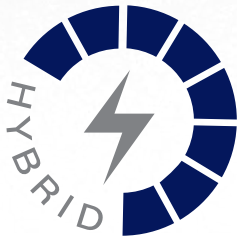
The ProStack tracked conveyor series is made up of tracked conveyors in both high level and low level specifications. Heavy duty tracks as standard make these conveyors highly portable and versatile enough for many different applications. Each machine is easily transported while select models feature rotating undercarriages. Using conveyors means increased stockpile capacity and reduced on-site material handling. For convenience and to keep shipping costs low, ProStack conveyors can be transported in a 40ft container.

TRANSPORT DIMENSIONS	TC65	TC80
Length	11.3m (37')	11.88m (38' 11")
Width	2.25m (7' 4")	2.25m (7' 4")
Height	2.65m (8' 8")	2.88m (9' 5")
Weight (Est.)	13,820kgs (30,467lbs)	16,750kgs (36,927lbs)
Containerised shipping	1 x 40ft High Cube	1 x 40ft High Cube

CONVEYOR DETAILS	TC65	TC80
Conveyor length	19.79m (64' 11")	22.8m (74' 10")
Belt width	1050mm (42")	1050mm (42")
Discharge height	9.1m (29'10") @ 24°	9.9m (32' 5") @ 24°
Max. discharge height	9.45m (31') @ 28°	10.41m (34'1") @ 25°
Production capacity	Up to 500 TPH (551 US TPH)	Up to 500 TPH (551 US TPH)

OPTIONS*	TC65	TC80
Feedboot liners: AR400 plate or 20mm rubber	▪	▪
Feedboot extension with liners	▪	▪
Large capacity biomass hopper	▪	▪
Chevron belt	▪	▪
Twin hydraulic drive discharge conveyor	▪	▪
Aluminium dust covers	▪	▪
Spray bar at head drum	▪	▪
Full length skirting rubber	▪	▪
Overband magnet with hydraulic kit and support frames	▪	▪
Hybrid complete with hydraulic and electric conveyor drive (400 TPH)	▪	▪
Twin Electric Drive 2 x 11kw motors (Hydraulic Conveyor Drive Removed) (400 tph)	▪	▪
Radio Remote to track machine	▪	▪

* Refer to order form for current listing of options available.



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IMPROVE HEALTH
& SAFETY



PRODUCT
QUALITY

TR 80

RADIAL TRACKED CONVEYOR

The TR 80 tracked radial stockpiling conveyor is the ideal solution for stockpiling after mobile crushing and screening plants. The mobility and flexibility of the radial stockpiling conveyors reduces the use of a wheel loader on site. The conveyors ensure all applications are catered for from the easiest, right through to the hardest.



TRANSPORT DIMENSIONS	TR 80
Length	15.2m (49' 10")
Width	2.52m (8' 3")
Height	3.43m (11' 3")
Weight (Est.)	19,800kg (43,651lbs)

CONVEYOR DETAILS	TR 80
Conveyor length	22.9m (74' 10")
Belt width	1050mm (42")
Discharge height	9m (29' 6") @ 18°
Max. discharge height	10.9m (34' 9") @ 23°
Production capacity	Up to 600TPH (661 US TPH)

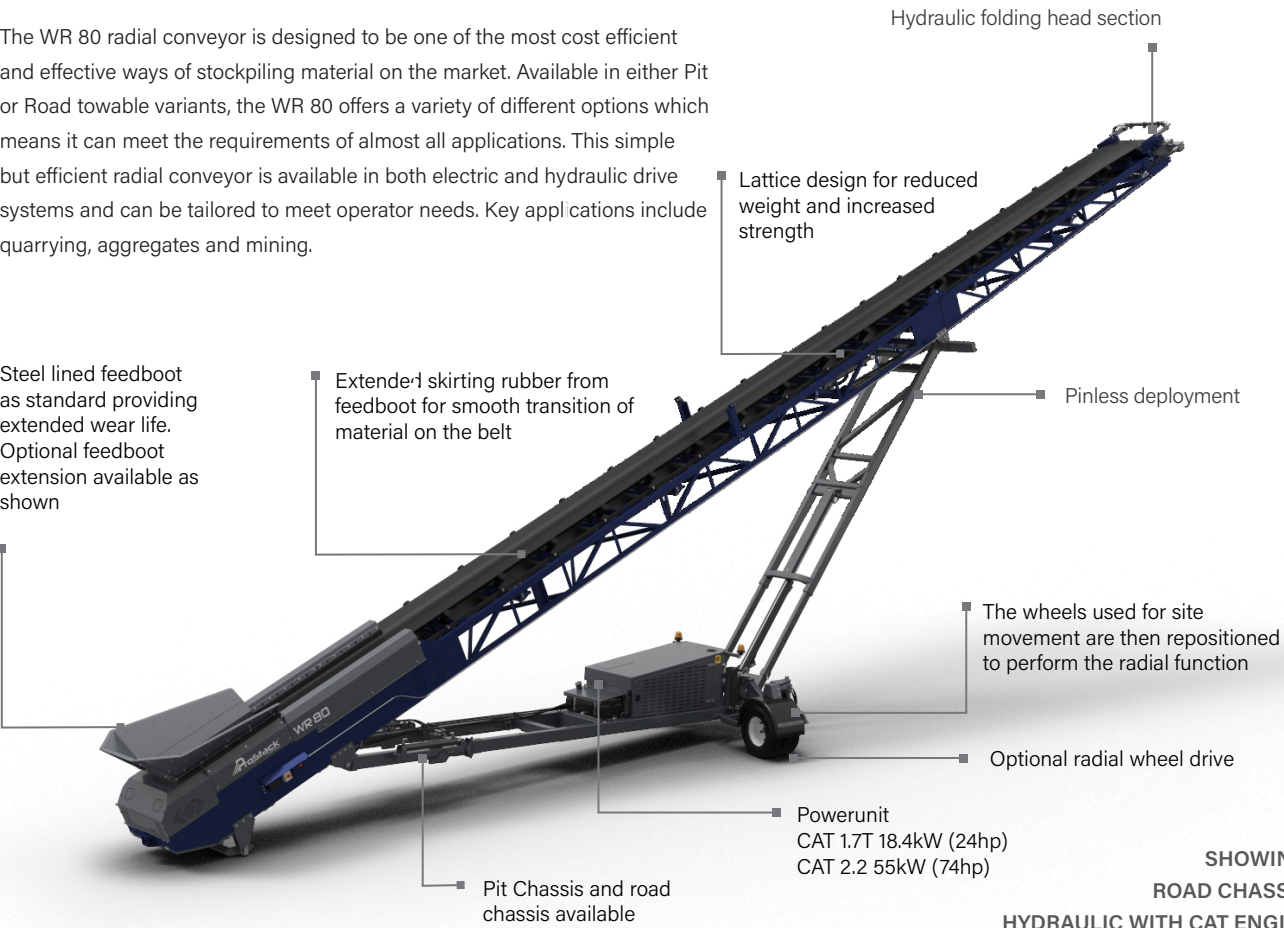
* Refer to order form for current listing of options available.

OPTIONS*
Feedboot liners: AR400 plate or 20mm rubber
Feedboot extension with liners
Impact bed at feedboot area
Anti-roll back flaps
Chevron belt
Heavy duty plain belt
Twin hydraulic drive discharge conveyor
High spec discharge conveyor head drum scraper
Dust hood
Canvas dust covers
Dust suppression water spray bar at head drum
Full length skirting rubber
Grease lines to head drum bearings on discharge conveyor
Belt weigher
Radio remote to stop/start, raise/lower conveyor
Radio Remote to track machine
Auto radial & raise function
Containerised freight

WR 80

RADIAL WHEELED CONVEYOR

The WR 80 radial conveyor is designed to be one of the most cost efficient and effective ways of stockpiling material on the market. Available in either Pit or Road towable variants, the WR 80 offers a variety of different options which means it can meet the requirements of almost all applications. This simple but efficient radial conveyor is available in both electric and hydraulic drive systems and can be tailored to meet operator needs. Key applications include quarrying, aggregates and mining.



TRANSPORT DIMENSIONS	WR 80	
	ROAD TOWABLE	PIT PORTABLE
Length	16.17m (52' 11")	16.55m (54' 3")
Width	2.5m (8' 3")	3.1m (10' 2")
Height	3.36m (11')	3.95m (12' 11")
Weight (Est.) with full options	10,000kgs (22,046lbs)	
Containerised shipping	1 x 40ft Open Top High Cube (2 machines per container)	1 x 40ft Open Top High Cube (2 machines per container)

CONVEYOR DETAILS	WR 80
Conveyor length	22.9m (74' 10")
Belt width	914mm (36")
Max. discharge height	9.2m (30' 1")
Production capacity	Up to 300TPH (330US TPH)

* Refer to order form for current listing of options available.

TC 100

TRACKED CONVEYOR

The TC 100 builds on the hugely successful ProStack TC 65 and TC 80 conveyors. The extra length of conveyor, and increased power, allows for maximum mobility and flexibility, reducing or eliminating the use of wheeled loaders on site. The conveyor can cope with all applications, from light duty screened material, through to jaw applications. The Conveyor is 100ft long and still retains the ability to be transported worldwide in a 40ft container.



TRANSPORT DIMENSIONS	TC 100
Length	11.9m (39')
Width	2.84m (9'4")
Height	3.43m (11' 3")
Weight (Est.)	21,800kg (48,060lbs)
Containerised shipping	1 x 40ft High Cube

CONVEYOR DETAILS	TC 100
Conveyor length	30.1m (98'9").
Belt width	1050mm (42")
Discharge height	10.1m (33' 1") @ 18°
Max. discharge height	13.1m (43' 11") @ 25°
Production capacity	Up to 600TPH (661 US TPH)

* Refer to order form for current listing of options available.

** Contact factory for availability.

OPTIONS*
Feedboot liners: AR400 plate or 20mm rubber
Feedboot extension with liners
Impact bed at feedboot area
Anti-roll back flaps
Chevron belt
Heavy duty plain belt
Twin hydraulic drive discharge conveyor
High spec scraper on discharge conveyor at head drum
Dust hood
Canvas dust covers
Dust suppression water spray bar at head drum
Full length skirting rubber
Overband magnet with hydraulic kit and support frames
Grease lines to head drum bearings on discharge conveyor
Radio remote to track machine



LF 50

LOW LEVEL FEEDER

The ProStack's LF 50 low level tracked feeder has a high level of portability and is suited to almost any working environment. The LF 50 can be fed from three sides, allowing the operator to have greater versatility when loading the hopper. Hopper extensions can be deployed via hydraulics with support arms fitted. This removes the need for manual bolting of the hopper, which enables a faster set up time. Operators will have an unregulated flow of material from the feeder, resulting in improved handling of difficult material and elimination of feeder blockages. An optional feed hopper outlet door is fully adjustable, allowing the operator to control the amount of material passing from the feed conveyor to the discharge conveyor.

Key applications include quarrying, aggregates, mining and ports.



TRANSPORT DIMENSIONS	LF 50
Length	15.6m (51' 2")
Width	2.84m (9' 4")
Height	3.43m (11' 3")
Weight (Est.)	21,800kg (48,060lbs)
Containerised shipping	1 x 40ft High Cube

CONVEYOR DETAILS	LF 50
Conveyor length	15.6m (51' 2")
Belt width	1050mm (42")
Max. discharge height	7.2m (23'8")
Production capacity	Up to 450TPH (496 US TPH)

* Refer to order form for current listing of options available.

** Contact factory for availability.

OPTIONS*

Adjustable feed hopper outlet door
Integrated fall break system bolted into hopper with adjustable feed hopper outlet door
Anti-Roll Back Flaps
Chevron Belt on Discharge Conveyor
Heavy Duty Plain Belt on Discharge Conveyor
High Spec Scraper Discharge Conveyor at Head Drum
Discharge Conveyor Underguard Length of Mid-Section
Pull Cord E-Stop
Dust Hood
Canvas Dust Covers
Spray Bar at Head Drum on Discharge Conveyor
Full Length skirting rubber along Discharge Conveyor
Belt Weigher
Low Level Grease Lines to Head Drum
Overband Magnet on Discharge Conveyor with Hydraulic Kit and Support Frames
Radio Remote
T-Link Telematics (Aftermarket Option)

HF 50

HIGH LEVEL FEEDER

The HF 50 high level feeder has a high level of portability and is suited to almost any working environment. Operators have the ability to stockpile directly from crushers, screens or other material source removing the need for double handling of material. This greatly reduces site traffic, labour and maintenance costs.

Key applications include quarrying, aggregates and mining.



TRANSPORT DIMENSIONS	HF 50
Length	12.16m (39' 11")
Width	2.29m (7' 6")
Height	2.55m (8' 4")
Weight (Std.)	13,240kg (29189lbs)
Containerised shipping	1 x 40ft High Cube

CONVEYOR DETAILS	HF 50
Conveyor length	15.6m (51'2")
Belt width	1050mm (42")
Max. discharge height	7.2m (23'8")
Production capacity	Up to 450 TPH (496 US TPH)

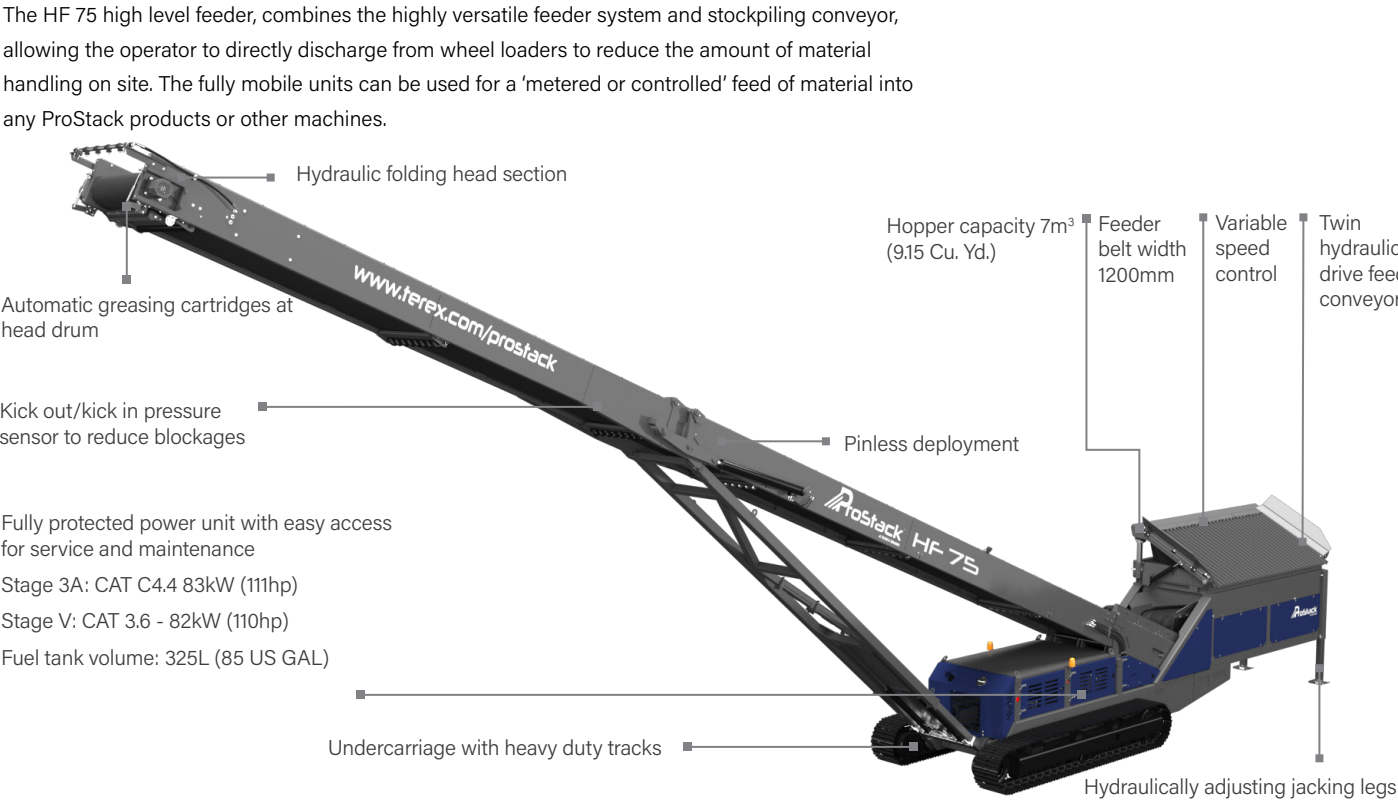
* Refer to order form for current listing of options available.

OPTIONS*

Hopper upgrade
12ft Single Deck vibrating grid
12ft Tipping Grid with 4", 5" or 6" Grid Cassette
Integrated Fall break system bolted into hopper
Anti-Roll Back Flaps
Chevron Belt
Heavy Duty Plain Belt
High Spec Scraper Discharge Conveyor at Head Drum on Discharge Conveyor
Discharge Conveyor Underguard Length of Mid-Section
Pull Cord E-Stop
Canvas Dust Covers
Spray Bar at Head Drum on Discharge Conveyor
Full Length skirting rubber along Discharge Conveyor
Belt Weigher
Low Level Grease Lines to Head Drum
Overband Magnet on Discharge Conveyor with Hydraulic Kit and Support Frames
Radio Remote
T-Link Telematics (Aftermarket Option)

HF 75

HIGH LEVEL FEEDER



TRANSPORT DIMENSIONS	HF 75
Length	19.5m (63' 11")
Width	2.75m (9')
Height	3.12m (10' 2")
Weight (Est.)	23,500kg (51,808lbs)

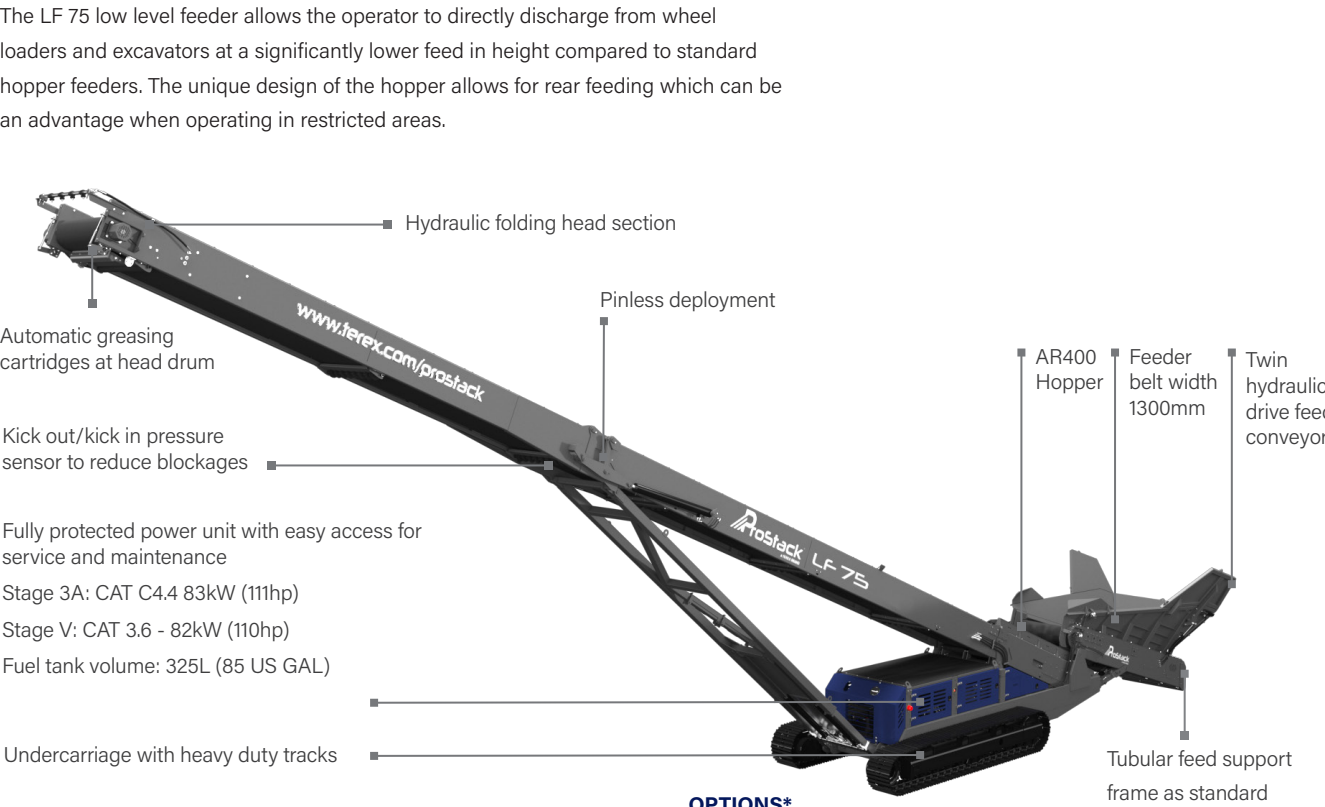
CONVEYOR DETAILS	HF 75
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1200mm (48")
Discharge height	8m (26' 3") @ 18°
Max. discharge height	9.8m (32' 2") @ 24°
Production capacity	Up to 600 TPH (661 US TPH)

* Refer to order form for current listing of options available.

OPTIONS*
AR400 steel wear liners in hopper
4" or 6" tipping grid fitted to feed conveyor
12ft 2-Deck vibrating grid with radio control tipping bofor grid
Upgraded hopper with integrated fall break system
Twin hydraulic drive feed conveyor
Twin Hydraulic Drive Discharge Conveyor
Discharge conveyor drive drum upgraded to ceramic lagging
Discharge conveyor fitted with chevron belt
High spec SCS scraper discharge conveyor at head drum
Canvas dust covers complete with dust hood on discharge conveyor
Dust suppression water spray bar at head drum on discharge conveyor
Full length skirting rubber along discharge conveyor
Belt weigher option
Overband magnet on discharge conveyor with hydraulic kit and support frames
Hybrid
Radio remote to stop/start feed conveyor, raise/lower discharge conveyor and tip grid
Radio remote to track machine
Containerised freight

LF 75

LOW LEVEL FEEDER



TRANSPORT DIMENSIONS	LF 75
Length	19.74m (64' 9")
Width	2.75m (9')
Height	3.35m (11')
Weight (Est.)	24,700kg (54,454lbs)

CONVEYOR DETAILS	LF 75
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1300mm (4' 3")
Discharge height	8m (26' 3") @ 18°
Max. discharge height	9.8m (32' 2") @ 24°
Production capacity	Up to 600 TPH (661 US TPH)

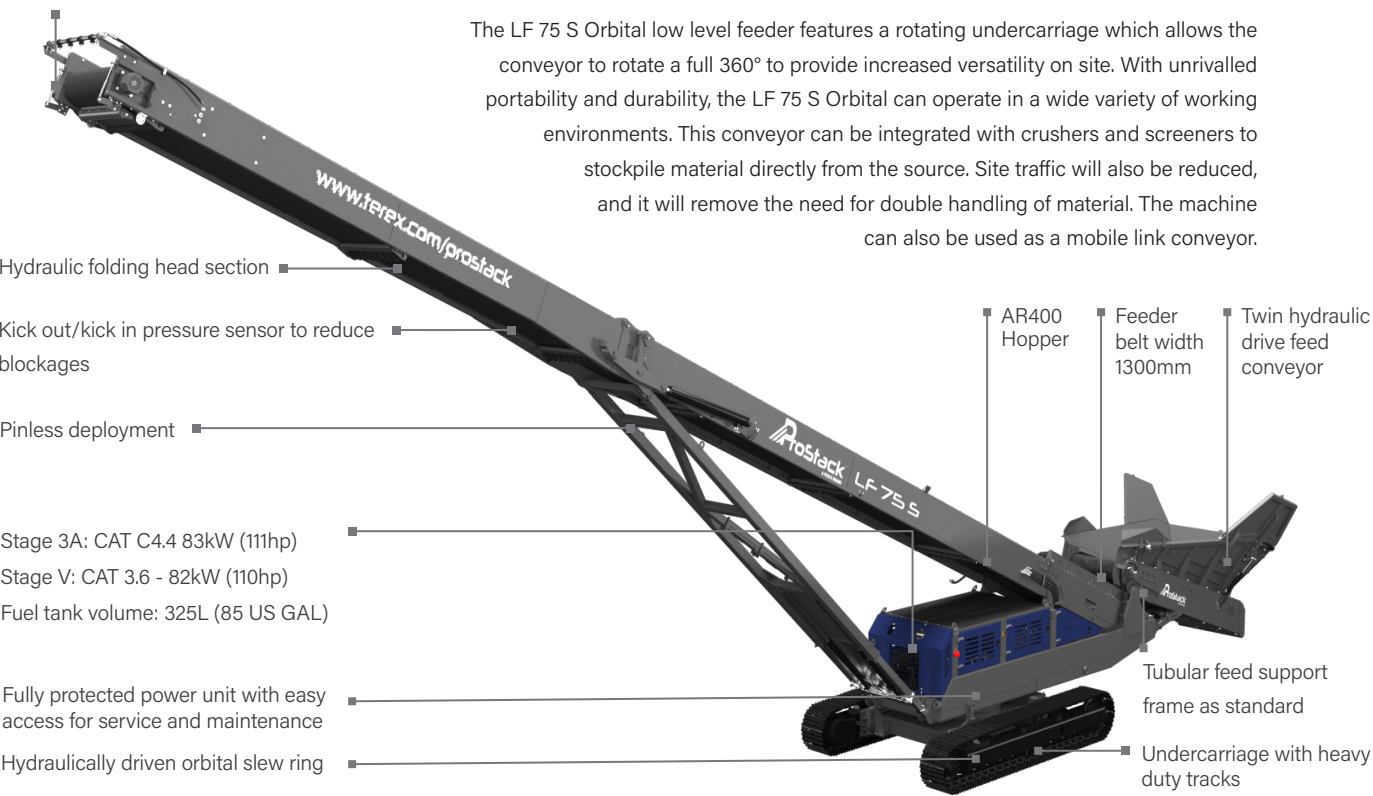
* Refer to order form for current listing of options available.

OPTIONS*
AR400 steel liners bolted into hopper
AR400 steel wear liners on hopper flares
Large capacity hopper
Feedboot lined with 6mm AR400 wearplate
Feed conveyor drive drum upgraded to ceramic lagging
Manually adjusting jacking legs
Discharge conveyor drive drum upgraded to ceramic lagging
Twin hydraulic drive discharge conveyor
Discharge conveyor fitted with chevron belt
High spec SCS scraper discharge conveyor at head drum
Canvas dust covers complete with dust hood on discharge conveyor
Spray bar at head drum on discharge conveyor
Full length skirting rubber along discharge conveyor
Belt weigher
Overband magnet on discharge conveyor with hydraulic kit and support frames
Hybrid
Radio remote to stop/start feed conveyor and raise/lower discharge conveyor
Radio remote to track machine
Apron Feeder Max. Size: 240mm (9")
Containerised freight

LF 75 S

ORBITAL FEEDER

Automatic greasing cartridges
at head drum



TRANSPORT DIMENSIONS	LF 75 S
Length	19.7m (64' 8")
Width	3.2m (10' 6")
Height	3.63m (11' 11")
Weight (Est.)	29,550kg (65,146lbs)

CONVEYOR DETAILS	LF 75 S
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1300mm (4' 3")
Discharge height	8m (26' 3") @ 18°
Max. discharge height	10.7m (35') @ 24°
Production capacity	Up to 600 TPH (661 US TPH)

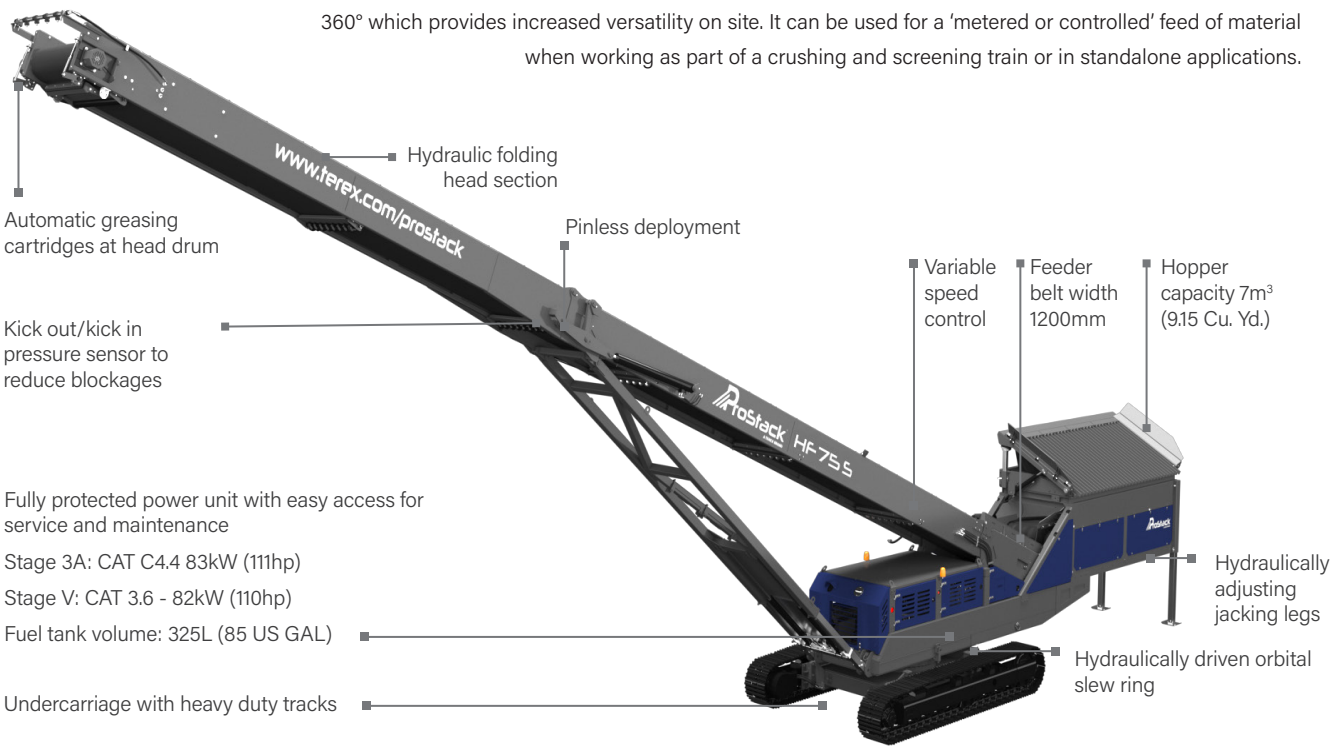
OPTIONS*
AR400 steel liners bolted into hopper
Large capacity hopper
Feedboot lined with AR400 wearplate
Feed conveyor drive drum upgraded to ceramic lagging
Manually adjusting jacking legs
Discharge conveyor drive drum upgraded to ceramic lagging
Twin hydraulic drive discharge conveyor
Discharge conveyor fitted with chevron belt
High spec SCS scraper discharge conveyor at head drum
Canvas dust covers complete with dust hood on discharge conveyor
Spray bar at head drum on discharge conveyor
Full length skirting rubber along discharge conveyor
Belt weigher
Overband magnet on discharge conveyor with hydraulic kit and support frames
Apron Feeder Max. Size: 240mm (9")
Containerised freight

* Refer to order form for current listing of options available.

HF 75 S

ORBITAL FEEDER

The HF 75 S Orbital high level feeder permits operators to directly discharge to the hopper/feeder from excavators or wheel loaders eliminating double handling of material on site. The rotating undercarriage allows the conveyor to rotate a full 360° which provides increased versatility on site. It can be used for a 'metered or controlled' feed of material when working as part of a crushing and screening train or in standalone applications.



TRANSPORT DIMENSIONS	HF 75 S
Length	19.5m (63')
Width	3.2m (10' 6")
Height	3.63m (11' 11")
Weight (Est.)	29,300kg (64,595lbs)

CONVEYOR DETAILS	HF 75 S
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1200 mm (48")
Discharge height	8.80m (28' 2") @ 18°
Max. discharge height	10.7m (34' 6") @ 24°
Production capacity	Up to 600 TPH (661 US TPH)

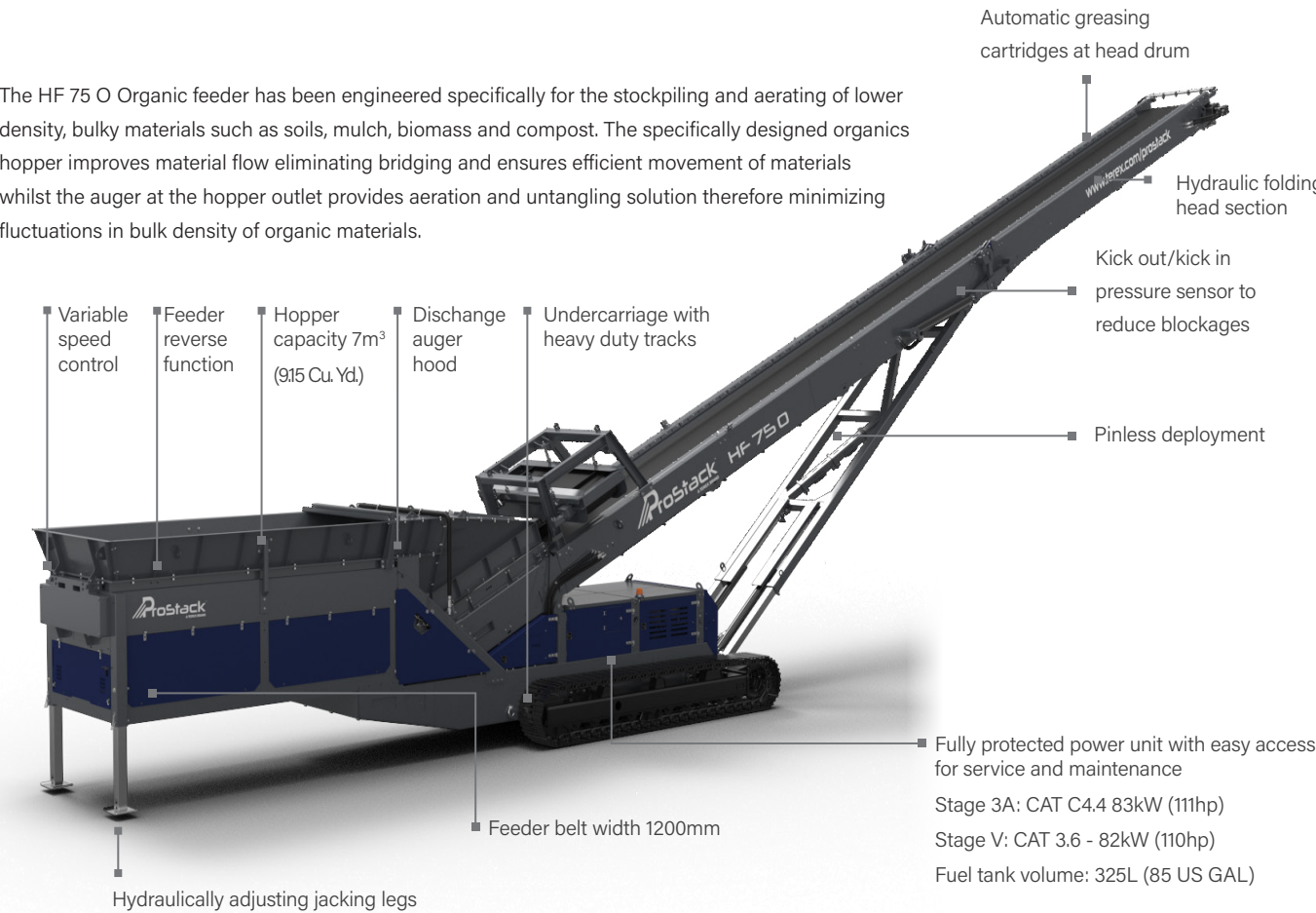
OPTIONS*
AR400 steel wear liners in hopper
4" or 6" tipping grid option
12ft 2-Deck vibrating grid with radio control tipping bofor grid
Upgraded hopper with integrated Fall Break System
Twin hydraulic drive feed conveyor
Twin hydraulic drive discharge conveyor
Discharge conveyor drive drum upgraded to ceramic lagging
Discharge conveyor fitted with chevron belt
High spec SCS scraper discharge conveyor at head drum
Canvas dust covers complete with dust hood on discharge conveyor
Spray bar at head drum on discharge conveyor
Full length skirting rubber along discharge conveyor
Belt weigher
Overband magnet on discharge conveyor with hydraulic kit and support frames
Containerised freight

* Refer to order form for current listing of options available.

HF 75 O

ORGANIC FEEDER

The HF 75 O Organic feeder has been engineered specifically for the stockpiling and aerating of lower density, bulky materials such as soils, mulch, biomass and compost. The specifically designed organics hopper improves material flow eliminating bridging and ensures efficient movement of materials whilst the auger at the hopper outlet provides aeration and untangling solution therefore minimizing fluctuations in bulk density of organic materials.



TRANSPORT DIMENSIONS	HF 75 O
Length	19.5m (63')
Width	2.7m (8' 8")
Height	3m (9' 8")
Weight (Est.)	24,350kg (53,682)

CONVEYOR DETAILS	HF 75 O
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1400 mm (56")
Discharge height	8.80m (28' 2") @ 18°
Max. discharge height	9.8m (32' 2") @ 24°

OPTIONS*
Discharge conveyor drive drum upgraded to ceramic lagging
Feed conveyor drive drum upgraded to ceramic lagging
High spec SCS scraper discharge conveyor at head drum
Discharge conveyor underguard length of mid-section
Canvas dust covers complete with dust hood on discharge conveyor
Spray bar at head drum on discharge conveyor
Belt eigher
Overband magnet on discharge conveyor with hydraulic kit and support frames
Hybrid
Radio remote to stop/start feed conveyor, raise/lower discharge conveyor
Radio Remote to track machine
Containerised freight

* Refer to order form for current listing of options available.



HF 75 SO

ORBITAL ORGANIC FEEDER

The HF 75 SO Orbital Organic feeder features a rotating undercarriage providing increased versatility and is ideal for stockpiling and aerating of lower density, bulky materials such as soil, mulch, biomass and compost. Located at the hopper outlet, the auger provides aeration and an untangling solution for organic materials. The auger flips, rotates and regulates the flow of material minimising fluctuations in the bulk density of organic materials and is equipped with replaceable hardened paddle wear plates.



TRANSPORT DIMENSIONS	HF 75 SO ORBITAL ORGANIC
Length	22.5m (73' 10")
Width	3.2m (10' 6")
Height	3.63m (11' 11")
Weight (Est.)	29,300kg (64,595lbs)

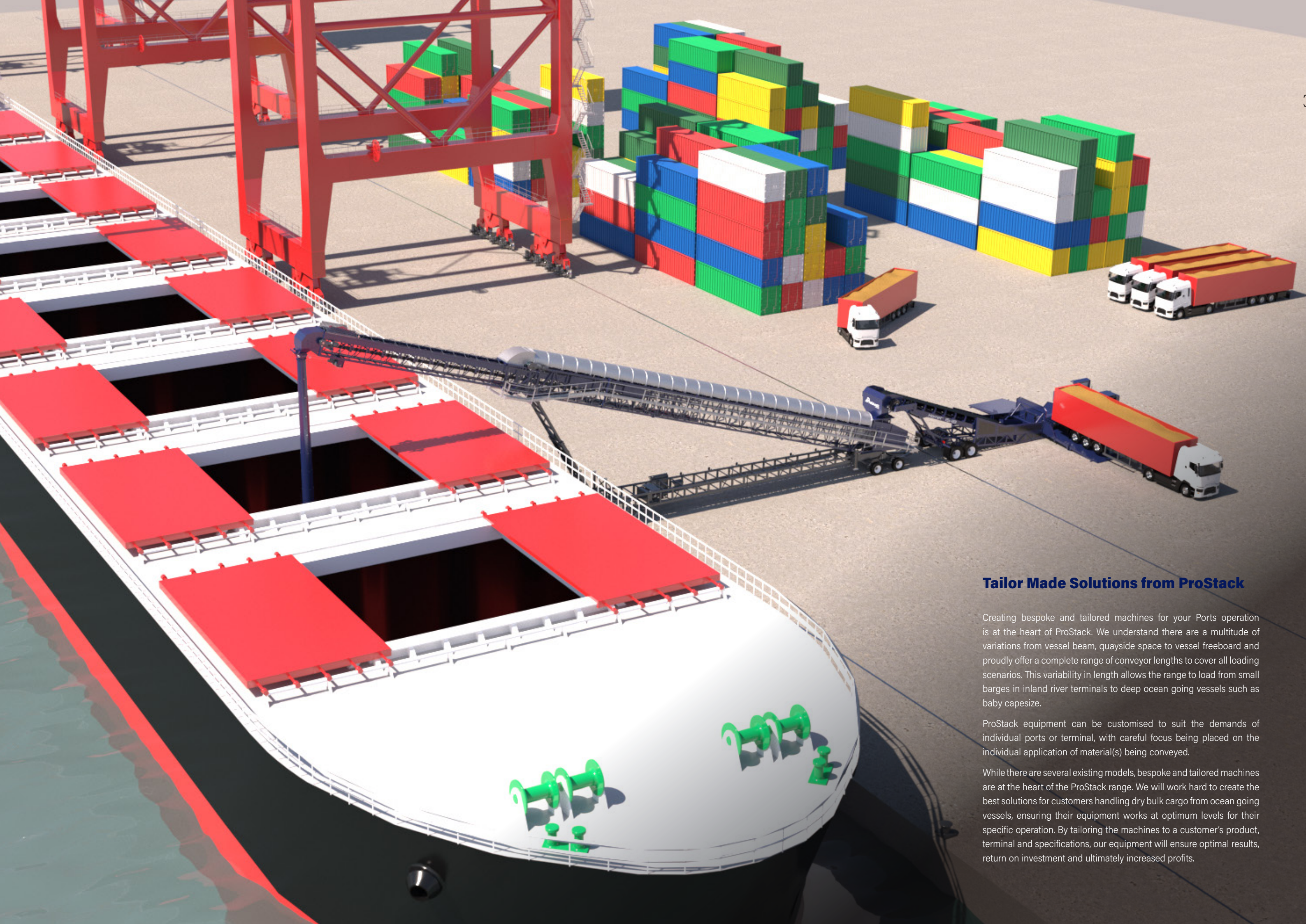
CONVEYOR DETAILS	HF 75 SO ORBITAL ORGANIC
Discharge conveyor length	22.5m (73' 10")
Feeder length	4.1m (13' 11")
Belt width	1400 mm (56")
Discharge height	8m (26' 3") @ 18°
Max. discharge height	10.7m (34' 6") @ 24°
Production capacity	Up to 600+TPH (661 US TPH)

* Refer to order form for current listing of options available.

** Contact factory for availability.

OPTIONS*
Discharge conveyor drive drum upgraded to ceramic lagging
Feed conveyor drive drum upgraded to ceramic lagging
High spec SCS scraper discharge conveyor at head drum
Discharge conveyor underguard length of mid-section
Canvas dust covers complete with dust hood on discharge conveyor
Spray bar at head drum on discharge conveyor
Belt weigher
Overband magnet on discharge conveyor with hydraulic kit and support frames
Containerised freight





Tailor Made Solutions from ProStack

Creating bespoke and tailored machines for your Ports operation is at the heart of ProStack. We understand there are a multitude of variations from vessel beam, quayside space to vessel freeboard and proudly offer a complete range of conveyor lengths to cover all loading scenarios. This variability in length allows the range to load from small barges in inland river terminals to deep ocean going vessels such as baby capesize.

ProStack equipment can be customised to suit the demands of individual ports or terminal, with careful focus being placed on the individual application of material(s) being conveyed.

While there are several existing models, bespoke and tailored machines are at the heart of the ProStack range. We will work hard to create the best solutions for customers handling dry bulk cargo from ocean going vessels, ensuring their equipment works at optimum levels for their specific operation. By tailoring the machines to a customer's product, terminal and specifications, our equipment will ensure optimal results, return on investment and ultimately increased profits.



FOR FURTHER INFORMATION PLEASE CONTACT:

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www.terex.com/prostack



AFTER SALES SUPPORT

We provide comprehensive after sales support, maintenance support, provision of spare parts, and on-call customer help & advice.

- ✓ Parts
- ✓ Warranty
- ✓ Service
- ✓ 24/7 Help Desk
- ✓ Telematics
- ✓ Training

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