

HC100 BELT CONVEYOR

LEAFLET

HC100 Belt Conveyor is standardized for bulk material conveying in various applications. It can be used in mines, power plants, stock yards and quarries for primary or secondary conveying purposes.

RELIABILITY

Standardized solutions and long history of deliveries ensure good reliability to meet users' requirements. Our components have proven durability in both normal (ND) and heavy duty (HD) environments.

EASY MAINTENANCE

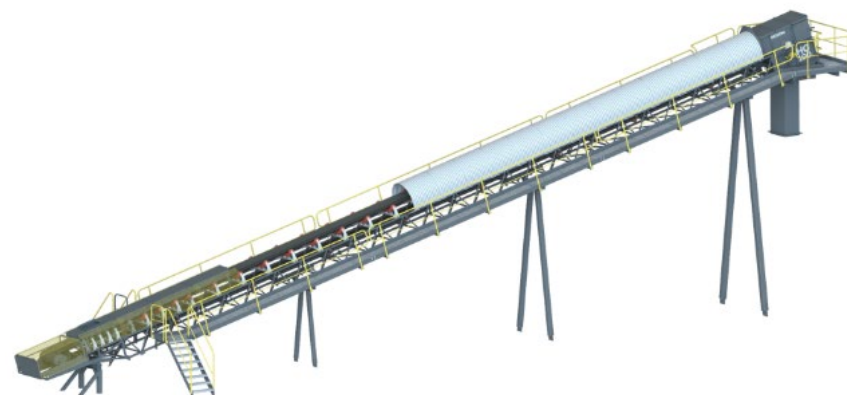
Light weight structures have been designed for safe use and easy maintenance. Simple solution for higher productivity and utilization.

EASY FAST COMMISSIONING

Due to modular structure the HC100 Belt Conveyors can be quickly reassembled at site. It comes in pre-assembled modules that include all the required parts ready in place. Modules can be packed in standard containers which also protect the equipment before installation and allow easy transportation to site.

KEY SPECIFICATIONS

HC100-		0500/XX	0650/XX	0800/XX	1000/XX	1200/XX	1400/XX	1600/XX
Nominal capacity (1,6 t/m ³)	t/h	100	250	400	700	1000	1300	1500
Belt width	mm	500	650	800	1000	1200	1400	1600
Conveyor C-C length	m	From 5 up to approx 200						
Max. lump size	mm	100 ND	100 ND	100 ND	100 ND	100 ND	100 ND	100 ND
		N.A. HD	300 HD	300 HD	300 HD	300 HD	300 HD	300 HD
Belt speed	m/s	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 ND	1.6 ND
		N.A. HD	1.25 HD	1.25 HD	1.25 HD	1.25 HD	1.25 HD	1.25 HD
Nominal power	kW	3 - 7.5	3 - 15	5.5 - 30	5.5 - 60	7.5 - 90	15 - 90	22 - 110
Belt take-up				Screw when C-C < 50 m				
				Gravity when C-C > 50 m				



HC200 LINK CONVEYOR

LEAFLET

HC200 Link Conveyor is standardized for movable conveying applications. It can be used in ports, power plants, stock yards and mines for primary or secondary conveying purposes.

FLEXIBILITY

HC200 Link Conveyors can be combined to form almost any total length needed. Individual conveyor length is either 30 or 40 meters.

EASY RELOCATION

Link Conveyor can be easily relocated to another position depending on the current need. Towing point for front end loader is arranged in the tail end section. Discharge height can be changed with adjustable column using a front end loader.

PLUG&PLAY ELECTRIFICATION

Link Conveyor can be optionally delivered with plug&play electrification. In the standard electrical cabinet a frequency converter allows soft starting and belt speed adjustment. It can also be connected to a communication bus to allow remote condition monitoring and control.

DESIGNED WITH SAFETY IN MIND

Standard delivery includes pull cord emergency switch on both sides of the conveyor. Available options are belt misalignment switches, rotation detector and lockable main switch with the Plug&Play electrification.

KEY SPECIFICATIONS

HC200-		1000/30	1000/40	1200/30	1200/40
Capacity (1.6 t/m ³)	t/h	1000	1000	1500	1500
Conveyor C-C length	m	30	40	30	40
Belt width	mm	1000	1000	1200	1200
Motor power	kW	2 x 15	2 x 15	2 x 22	2 x 22
Belt speed	m/s	1.7	1.7	2	2
Weight	kg	11000	14000	12000	15000

FAST COMMISSIONING

Due to its modular structure the Link Conveyor can be quickly reassembled at site. It comes in pre-assembled modules that include all the required parts ready in place. Modules are packed in standard containers which also protect the equipment before installation and allow easy transportation to site.

OPTIONAL ADDITIONS

Different applications have special needs. Optionally the Link Conveyor can be equipped with discharge chute with wear plates, covers along the frame on roof and sides and special tyres.



HE400 PORTAL SCRAPER RECLAIMER

LEAFLET

HE400 Portal Scraper Reclaimer is standardized for reclaiming different kind of bulk materials from stockpile to belt conveyor. Applications vary from mines and ports to power plants or other stockyards. HE400 Reclaimer is designed according to F.E.M Sec II.

FLEXIBILITY FOR RECLAIMING

HE400 Portal Scraper Reclaimer is available in capacity range from 500 to 2300 tonnes per hour. Size and shape of stockpile, type of material, required capacity, need for homogenization and stockpile location are factors to be used in selection of Reclaimer.

DESIGNED WITH SAFETY IN MIND

HE400 Reclaimer is equipped with electrical and mechanical safety devices to protect operators and structures. Reclaimer is supplied according to European Machine Directive.

PLC FOR AUTOMATIC OPERATION

HE400 Reclaimer is equipped with its own MCC/PLC and HMI, thus enabling fully automatic reclaiming and ensuring maximum 24/7 performance.

KEY SPECIFICATIONS

HE400-		500/30	500/36	1100/36	1100/45	1700/45	1700/54	2300/54
Capacity (1.7 t/m ³)	t/h	500	500	1100	1100	1700	1700	2300
Rail span	m	30	36	36	45	45	54	54
Stockpile width	m	26.6	32.5	32.5	41.2	41.2	50.0	50.0
Power installed, total	kW	165	180	280	355	480	565	680
Power supply		Cable reel, combi cable for power + control fibre optic						



HF100 BELT FEEDER

LEAFLET

HF100 Belt Feeder is standardized for feeding applications. It is usually arranged under silos, stockpiles or similar to feed belt conveyors, crushers, screens and other process machines. Typical feed materials include different types of ores, coal, limestone and similar raw materials. Vibration free operation, accurate and steady material flow is ideal for bulk materials with fine grain size.

PROVEN DESIGN TO MEET THE DEMANDS

With over 1000 standard and tailor-made belt feeder units delivered, the gained expertise is used to fulfill the application demands. Adjustable material height gate can be used for capacity adjustment. More accurate and wider capacity range can be achieved with an optional frequency converter.

DESIGNED WITH SAFETY IN MIND

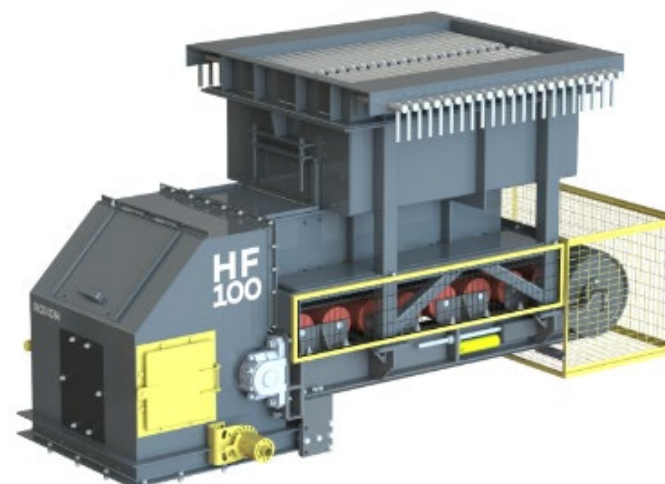
HF100 Belt Feeder is supplied with high quality mesh guards protecting against hazards and still enabling visibility for maintenance. Pull cord emergency stop system or push buttons, belt misalignment switches and rotation detector sensor are also provided as standard.

HIGHER RELIABILITY

Non-closed machine structure ensures easier maintenance access and visibility. Rollers are lubricated for life and centralized lubrication for drive and tail shaft bearings is available as an option. Standard components are used for easier spare part access.

SPECIFICATIONS

HF100-		650/2	800/2	1000/2	1200/2
Capacity range	m³/h	30 - 300	50 - 500	70 - 750	100 - 1050
Belt width	mm	650	800	1000	1200
Feeder C-C length	m	2	2	2	2
Outlet width (inside skirtboards)	mm	~465	~590	~790	~935
Inlet length x width	m	1.3 x 0.9	1.19 x 1.05	1.13 x 1.25	1.04 x 1.45
Belt speed, nominal maximum	m/s	0.6	0.6	0.6	0.6
Installed power range	kW	1.1 - 4.0	1.1 - 5.5	1.5 - 7.5	1.5 - 11.0
Weight (without options)	t	~2,3	~2,5	~3,0	~3,3



HD100 APRON FEEDER

LEAFLET

HD100 Apron Feeder is standardized for heavy duty feeding applications. It is usually arranged below hoppers or stockpiles after primary crushing and is capable for varying capacities up to 5000 t/h of soft or hard rock of various bulk densities and sizes.

PROVEN DESIGN TO MEET THE DEMANDS

HD100 Apron Feeder is sized according to capacity needs and maximum lump size. Various options are available to meet the demands of the application. Reliable and continuous operation with high capacities and large lump sizes is ensured by sturdy and robust design. Further advantages result from the simple, compact machine design and the extensive capacity range.

DESIGNED WITH SAFETY IN MIND

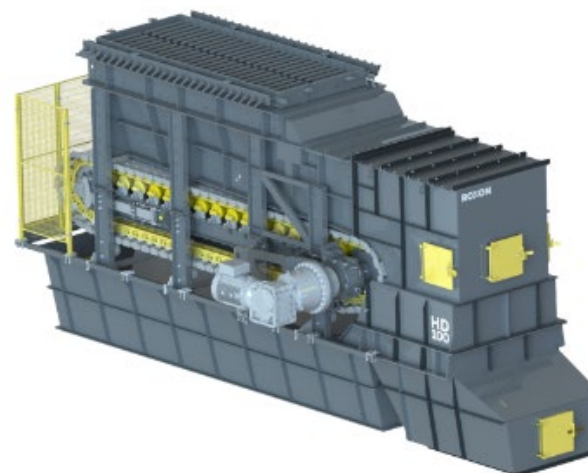
HD100 Apron Feeder is delivered with high standard mesh guards covering the whole machine and still enabling the visibility for maintenance. Pull cord emergency stop system and rotation detector sensor are also provided as standard.

HIGHER RELIABILITY

Non-closed machine structure ensures easier maintenance access and visibility. Chains and chain rollers are lubricated for life and centralized lubrication for drive and tail shaft bearings and sealings is available as an option.

SPECIFICATIONS

HD100-		1200/5	1400/5	1600/5	1800/6	2000/6	2200/6
Maximum capacity (2,0 t/m ³)	t/h	up to 1400	up to 1900	up to 2600	up to 3500	up to 4400	up to 5000
Nominal P99 feed size	mm	300	340	380	420	460	520
Recommended max. lump side length	mm	500	600	700	800	900	1000
Feeder C-C length	m	5	5	5	6	6	6
Pan width	m	1.2	1.4	1.6	1.8	2.0	2.2
Feed opening length x width	m	3.0 x 1.0	3.0 x 1.2	3.0 x 1.4	4.0 x 1.6	4.0 x 1.8	4.0 x 2.0
Chain size/rating	-	D4	D4	D6	D6	D8	D8
Chain speed, nominal maximum	m/s	0.25	0.25	0.25	0.25	0.25	0.25
Maximum installed power	kW	55	55	75	110	2 x 75	2 x 90
Weight (without options)	kg	14600	16500	19500	24500	30500	32500



HF200 BELT FEEDER

LEAFLET

HF200 Belt Feeder is standardized for receiving duties. HF200 Belt Feeder is usually arranged to receive bulk material from trains, trucks and bucket loaders or similar. Typical feed materials include different types of ores, coal, limestone and similar raw materials. Vibration free operation, accurate and steady material flow is ideal for bulk materials with fine grain size.

PROVEN DESIGN TO MEET THE DEMANDS

With over 1000 standard and tailor-made belt feeder units delivered, the gained expertise is used to fulfill the application demands. Adjustable material height gate can be used for capacity adjustment. More accurate and wider capacity range can be achieved with an optional frequency converter.

DESIGNED WITH SAFETY IN MIND

HF200 is supplied with high quality mesh guards protecting against hazards and still enabling visibility for maintenance. Pull cord emergency stop system or push buttons, belt misalignment switches and rotation detector sensor are also provided as standard.

HIGHER RELIABILITY

Non-closed machine structure ensures easier maintenance access and visibility. Rollers are lubricated for life and centralized lubrication for drive and tail shaft bearings is available as an option. Standard components are used for easier spare part access.

KEY SPECIFICATIONS

HF200-		800/5	800/7	1000/5	1000/7	1200/5	1200/7	1400/5	1400/7
Maximum capacity	m³/h	500	500	900	900	1250	1250	1800	1800
Belt width	mm	800	800	1000	1000	1200	1200	1400	1400
Feeder C-C length	m	5	7	5	7	5	7	5	7
Standard hopper water volume	m³	~12	~18	~12	~18	~12	~18	~12	~18
Outlet width (inside skirtboards)	mm	~580	~580	~760	~760	~900	~900	~1100	~1100
Inlet length x width	m	4.7 x 2.8	6.7 x 2.8	4.5 x 2.8	6.5 x 2.8	4.3 x 2.8	6.3 x 2.8	4.1 x 2.8	6.1 x 2.8
Belt speed, nominal maximum	m/s	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Installed power range	kW	3-22	3-22	3-30	3-30	4-37	4-37	5.5-55	5.5-55



HH100 LOADING HOPPER

LEAFLET

HH100 Loading Hopper is standardized for receiving material from a grab crane at ports and stock yards.

FIT TO PURPOSE

HH100 Loading Hopper can be fed with grab crane or vessel's own discharge boom. Loading Hopper is equipped with an adjustable hatch that discharges the material onto a truck or a fixed port conveyor.

OPTIONAL MOVABILITY

HH100 Loading Hopper can be easily relocated by towing if equipped with optional hydraulically liftable rubber wheels. Travel drive can also be added for better maneuverability.

DESIGNED WITH SAFETY IN MIND

HH100 Loading Hopper is equipped with service platforms for main access points. Dust suppression units can be maintained from the upper service platform. Lower platform allows access to telescopic chute and discharge unit.

KEY SPECIFICATIONS

HH100

Capacity	t/h	200 - 3000
Hopper volume	m ³	30 - 100
Hopper opening	m	4.0 - 12
Hopper wall inclination	deg	45 - 70
Belt feeder length, C-C	m	4 - 8
Belt width	mm	800 - 1600
Discharge height, belt feeder	m	1.0 - 7.0



HH200 LOADING HOPPER

LEAFLET

HH200 Loading Hopper is rubber wheel mounted and standardized for receiving material from a grab crane at ports and stock yards.

FIT TO PURPOSE

HH200 Loading Hopper can be fed with grab crane or vessel's own discharge boom. Loading Hopper is equipped with a belt feeder that discharges the material onto a fixed port conveyor or to a HC200 Link Conveyor.

EASY RELOCATION

Loading Hopper can be easily relocated to another position. The Hopper is equipped with hydraulically liftable rubber wheels and can be towed to another location.

PLUG&PLAY ELECTRIFICATION

Loading Hopper can be optionally delivered with Plug&Play Electrification. In the standard electrical cabinet a frequency converter allows soft starting and belt speed adjustment. It can also be connected to a communication bus to allow remote condition monitoring and control.

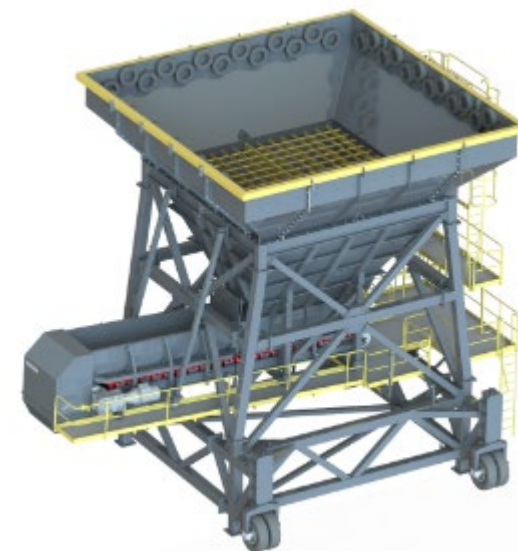
DESIGNED WITH SAFETY IN MIND

Standard delivery includes belt misalignment switches on both sides of the feeder. Available options are rotation detector and lockable main switch with the Plug&Play Electrification.

KEY SPECIFICATIONS

HH200

Capacity	t/h	200 - 3000
Hopper volume	m ³	30 - 100
Hopper opening	m	4.0 - 12
Hopper wall inclination	deg	45 - 70
Belt feeder length, C-C	m	4 - 8
Belt width	mm	800 - 1600
Discharge height, belt feeder	m	1.0 - 7.0



HF400 MOVABLE BELT FEEDER

LEAFLET

HF400 Movable Belt Feeder is standardized for movable feeding applications. It can be used in ports, power plants, stock yards and mines for primary or secondary conveying purposes.

FLEXIBILITY

HF400 Movable Belt Feeder can be used in several applications and easily combined with different layouts. It can be used to feed a link conveyor or a stacker. Also secondary use to feed an over-land conveyor is possible.

EASY RELOCATION

Movable Belt Feeder can be easily relocated to another position depending on the current need. Towing point for front end loader is arranged in the tail end section.

PLUG&PLAY ELECTRIFICATION

Movable Belt Feeder can be optionally delivered with Plug&Play Electrification. In the standard electrical cabinet a frequency converter allows soft starting and belt speed adjustment. It can also be connected to a communication bus to allow remote condition monitoring and control.

KEY SPECIFICATIONS

HF400-		1000/10	1000/16	1400/10	1400/16
Capacity	m ³ /h	475	475	950	950
Capacity (2,1 t/m ³)	t/h	1000	1000	2000	2000
Hopper size	m ³	10	10	17	17
Feeder C-C length	m	10.5	16.5	10.5	16.5
Belt width	mm	1000	1000	1400	1400
Loading height	mm	3500	3500	3850	3850
Discharge height	mm	1950	3150	1950	3150



HH300 LOADING HOPPER

LEAFLET

HH300 Loading Hopper is rail mounted and standardized for receiving material from a grab crane at ports and stock yards.

FIT TO PURPOSE

HH300 Loading Hopper can be fed with grab crane or vessel's own discharge boom. Loading Hopper is equipped with a belt feeder that discharges the material onto a fixed port conveyor or to a HC200 Link Conveyor.

EASY RELOCATION

Loading Hopper can be easily relocated to another position along the rail. For repositioning of the Hopper there is a local control panel.

PLUG&PLAY ELECTRIFICATION

Loading Hopper can be optionally delivered with Plug&Play Electrification. In the standard electrical cabinet a frequency converter allows soft starting and belt speed adjustment. It can also be connected to a communication bus to allow remote condition monitoring and control.

DESIGNED WITH SAFETY IN MIND

Standard delivery includes belt misalignment switches on both sides of the feeder. Available options are rotation detector and lockable main switch with the Plug&Play Electrification.

KEY SPECIFICATIONS

HH300

Capacity	t/h	200 - 3000
Hopper volume	m ³	30 - 100
Hopper opening	m	4.0 - 12
Hopper wall inclination	deg	45 - 70
Belt feeder length, C-C	m	4 - 8
Belt width	mm	800 - 1600
Discharge height, belt feeder	m	1.0 - 7.0



HI100 HIGH INCLINE CONVEYOR

LEAFLET

HI100 High Incline Conveyor is used for steep inclined and vertical conveying. HI100 High Incline Conveyor provides the advantage of going up in significantly smaller space than traditional belt conveyor.

SIDEWALL BELT

Sidewall belts have corrugated sidewalls and transverse cleats to provide pockets, which can carry all kinds of bulk materials from floury material up to 400 mm lumps. Sidewall belt has a cross rigid base belt, which can be deflected from horizontal to incline without bowing or sagging. As the stretch of the belt is minimal, take-up is typically screw type located in tail end.

EXPERTISE IN MATERIAL HANDLING

Our know-how of bulk materials handling is based on solid experience of various materials and all parts of a complete conveying system. Expertise has gained depth from thousands of references all over the world. Continuous product development has resulted in an exceptionally extensive selection of conveyor components and you will get all parts and services rapidly and effortlessly from the same supplier.

FAST COMMISSIONING

Due to modular structure HI100 High Incline Conveyor can be quickly assembled at site. It is delivered in pre-assembled modules with main components installed. Modules can be packed in standard containers, which protect the equipment before installation and allow easy transportation to site.

DESIGNED WITH SAFETY IN MIND

HI100 High Incline Conveyor is delivered with high quality mesh guards to allow safe use of the machine and visibility for maintenance. Standard delivery includes belt misalignment switches and rotation detector to protect sidewall belt. Emergency switches are included according to EN620. Chutes are available as options and include blockage detectors.

TYPICAL SPECIFICATIONS

HI100		
Capacity	t/h	100 - 2000
Total lift	m	10 - 100
Lift angle	deg	20 - 90
Belt width	mm	400 - 2400
Sidewall height	mm	40 - 630
Cleat height	mm	20 - 600
Roof and wind covers		Option
Loading / discharge chute		Option



HL500 SHIPLOADER

LEAFLET

HL500 Shiploader is designed for bulk material loading on a multipurpose quay. HL500 Shiploader travels on linear rails and can be moved to a parking position when not in use. The shiploading capacity ranges from 250 to 2000 tonnes per hour. The ship dead weight tonnage ranges from 15000 to 60000. HL500 Shiploader is designed according to F.E.M. Section II.

DESIGNED WITH SAFETY IN MIND

HL500 Shiploader is equipped with electrical and mechanical safety devices to protect operators and structures.

OPERATION

The operator will be able to control the shiploader via HMI located in the operating cabin. HL500 Shiploader has on board MCC and PLC.

OPTIONS

Optionally HL500 Shiploader can be equipped with different type of discharge chutes, automatic lubrication system, dust suppression or collection, lighting systems, anemometer system, hydraulic end stoppers, CCTV system and standard ATEX classification. HL500 Shiploader can be supplied partly assembled or fully assembled and cold commissioned.

KEY SPECIFICATIONS

HL500

Capacity	t/h	up to 2000
Belt width	mm	1000 - 1400
Boom outreach	m	15 - 20
Boom angle	deg	+10 ... -12
Vessel size	DWT	15000 - 60000
Rail span	m	16



HL700 SHIPLOADER

LEAFLET

HL700 Shiploader is standardized for fixed shiploading applications. HL700 Shiploader is a slewing, shuttling and luffing type shiploader standing on its own foundation. It is fed by a belt conveyor. Design offers accurate loading of the material due to flexible operation of the boom conveyor.

FIT TO PURPOSE

HL700 Shiploader is suitable for limited space quay. It requires no rails, wharf conveyor and cable reel. The fixed shiploader presents a cost-effective alternative to rail mounted shiploader. Relocating of the vessel can be avoided by correct sizing of the shiploader. HL700 Shiploader is manually operated by a mobile remote control. Electrical equipment room is delivered as a separate container which can be freely located to an optimal place.

DESIGNED WITH SAFETY IN MIND

HL700 Shiploader is equipped with electrical and mechanical safety devices to protect operators and structures. The Shiploader is delivered according to European Machine Directive.

PLC

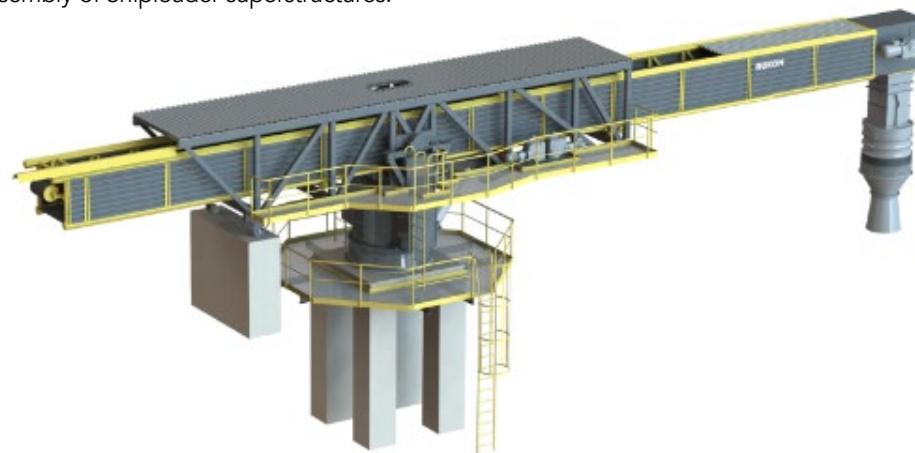
HL700 Shiploader is equipped with its own MCC/PLC and HMI, thus enabling easy connection to the plant control system.

KEY SPECIFICATIONS

HL700-		650/24	1000/24	1400/24
Capacity (1.7 t/m³)	t/h	up to 500	up to 1200	up to 2000
Belt width	mm	650	1000	1400
Outreach from slewing point	m	10 - 24	10 - 24	10 - 24
Luffing	deg	-3 ... +16	-3 ... +16	-3 ... +16
Slewing	deg	175	175	175
Power installed, total	kW	70 - 80	90 - 105	130 - 150

AVAILABLE OPTIONS

Automatic lubrication system, dust suppression or collection system, operator's cabin, receiving chute with support structure, cascade/telescopic chute, tower for parking/service/storm locking, lighting system, CCTV system, standard ATEX classification, preassembly of Shiploader superstructures.



HL800 SHIPLOADER

LEAFLET

HL800 Shiploader is standardized for movable ship-loading applications. It is an optimal solution for multi-purpose quay and vessel sizes under 30 000 dwt. HL800 is independently moving shiploader with luffing boom and it is fed by a link conveyor. Remote control enables flexible operating.

FLEXIBLE RELOCATION

HL800 Shiploader travels on rubber tires and has five (5) different driving modes. It can be moved to parking position when not used for shiploading.

DESIGNED WITH SAFETY IN MIND

HL800 Shiploader is equipped with electrical and mechanical safety devices to protect operators and structures for damage. The Shiploader is supplied according to European Machine Directive.

AVAILABLE OPTIONS

Automatic lubrication, dust suppression system, operators cabin, ATEX classification, different loading chutes and preassembly for faster installation.

KEY SPECIFICATIONS

HL800

Capacity (1.7t/ m³)	t/h	up to 2000
Belt width	mm	1000 / 1200
Boom outreach	m	max 17
Boom angle	deg	
Operation		8 - 15
Max (for moving only)		19
Vessel size	DWT	up to 30000



HS100 STACKER

LEAFLET

HS100 Stacker is standardized for radial stacking applications. It can be used in mines, power plants, stock yards and quarries for primary or secondary stacking purposes. The standard range includes 4 belt widths each having 5 different lengths.

RELIABILITY

Standardized solutions and long history of deliveries ensure good reliability to meet users requirements. Roxon components have proven their durability in both normal (ND) and heavy duty (HD) environments.

APPLICATIONS

The advantages of standard radial stacker conveyor make it ideal and cost-effective conveying solution for stockpiling. Adopting of the stacker conveyor allows stockpiles to be more strategically placed, more quickly processed and, when there is a series of stackers, it can work faster and more efficiently than fixed conveyors.

FAST COMMISSIONING

Due to its modular structure HS100 Stacker can be quickly reassembled at site. It comes in pre-assembled modules that include all the required parts ready in place. Modules can be packed in standard containers which also protect the equipment before installation and allow easy transportation to site.

KEY SPECIFICATIONS

HS100-		0650/20...40	0800/20...40	1000/20...40	1200/20...40
Nominal capacity (1.6 t/m ³)	t/h	200	400	550 - 800	750 - 1200
Belt width	mm	650	800	1000	1200
Conveyor C-C length	m	20, 25, 30, 35, 40			
Stockpile volume	m ³	2300 – 21300 if slewing angle 180°			



HS200 STACKER

LEAFLET

HS200 Stacker is standardized for stacking applications. It can be used in ports, power plants, stock yards and mines for stockpiling purposes. HS200 Stacker is designed according to International Standards for Mobile Machines.

FLEXIBILITY FOR STACKING

HS200 Stacker can be combined to fit any stockpile length. With luffable and slewable boom HS200 Stacker can stack chevron, cone shell, strata or windrow type stockpile.

DESIGNED WITH SAFETY IN MIND

Equipped with electrical safety devices to protect operators and structures. Delivered according to European Machine Directive. Boom conveyor is protected according to European safety standards and boom has anti collision system.

PLC FOR AUTOMATIC OPERATION

HS200 Stacker is equipped with its own MCC/PLC and HMI, thus enabling fully automatic stacking and ensuring maximum 24/7 performance.

AVAILABLE OPTIONS

Pre-assembly of boom or superstructure, automatic lubrication system, dust suppression system, outdoors installation, special wear plates, separate operator's cabin, standard ATEX classification, bypass-car and different power supply.

KEY SPECIFICATIONS

HS200-		650/XX	1000/XX	1400/XX
Capacity (1.7 t/m³)	t/h	up to 500	up to 1200	up to 2000
Boom outreach	m	19/23/27.5/33	19/23/27.5/33	19/23/27.5/33
Belt width	mm	650	1000	1400
Rail size		A75	A75	A75
Installed power	kW	55 - 65	75 - 85	120 - 130



HS300 MOVABLE STACKER

LEAFLET

HS300 Movable Stacker can be used in ports, power plants, stock yards and mines for primary or secondary conveying purposes. Stacker is designed according to Eurocode.

FLEXIBILITY FOR STACKING

Hydraulic luffing gives the possibility to adjust the discharge height of the material. This reduces dust.

EASY RELOCATION

Movable Stacker can be easily relocated to another position depending on the current need. Towing point for front end loader is arranged in the tail end section. Also discharge height can be changed with hydraulic cylinders.

PLUG&PLAY ELECTRIFICATION

Movable Stacker can be optionally delivered with plug&play electrification. In the standard electrical cabinet a frequency converter allows soft starting and belt speed adjustment. It can also be connected to a communication bus to allow remote condition monitoring and control

FAST COMMISSIONING

Due to its modular structure the Movable Stacker can be quickly assembled at site. It comes in pre-assembled modules that include all the required parts ready in place. Modules are packed in standard containers which also protect the equipment before installation and allow easy transportation to site.

KEY SPECIFICATIONS

HS300-		1000/40	1200/40
Capacity (1.6 t/m ³)	t/h	1000	1500
Length	m	40	40
Belt width	mm	1000	1200
Motor power	kw	2 x 45	2 x 55
Belt speed	m/s	2	2
Weight	t	27	29



HS400 STACKER

LEAFLET

HS400 Stacker is standardized for stacking applications. It can be used in ports, power plants, stock yards and mines for stockpiling purposes. HS400 Stacker is designed according to International Standards for Mobile Machines.

FLEXIBILITY FOR STACKING

HS400 Stacker can be combined to fit any stockpile length. HS400 Stacker can stack chevron or cone shell type of stockpile. There are different power supply options available.

DESIGNED WITH SAFETY IN MIND

Equipped with electrical safety devices to protect operators and structures. Delivered according to European Machine Directive. Boom conveyor is protected according to European safety standards and boom has anti collision system.

PLC FOR AUTOMATIC OPERATION

HS400 Stacker is equipped with its own MCC/PLC and HMI, thus enabling fully automatic stacking and ensuring maximum 24/7 performance.

AVAILABLE OPTIONS

Preassembly of boom or superstructure, automatic lubrication system, dust suppression system, outdoors installation, special wear plates, separate operator's cabin, standard ATEX classification, bypass-car and different power supply.

KEY SPECIFICATIONS

HS400-		650/XX	1000/XX	1400/XX
Capacity (1.7 t/m ³)	t/h	up to 500	up to 1200	up to 2000
Boom outreach	m	19/23/27.5/33	19/23/27.5/33	19/23/27.5/33
Belt width	mm	650	1000	1400
Rail size		A75	A75	A75
Installed power	kW	50 - 60	60 - 80	110 - 120

