

# CONSTRUCTION SOLUTIONS

Product catalogue



**ARMOUR ★ SAFETY**  
Your Safety Solutions Partner

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Your Safety  
Solutions Partner

## ABOUT US

Armour Safety your trusted partner in comprehensive safety solutions. Founded on the principles of innovation, quality, and reliability, Armour Safety has been dedicated to ensuring the highest standards of safety across various industries.

## OUR MISSION

Armour Safety your trusted partner in comprehensive safety solutions. Founded on the principles of innovation, quality, and reliability, Armour Safety has been dedicated to ensuring the highest standards of safety across various industries.

## OUR COMMITMENT

Quality and safety are at the heart of everything we do. We adhere to stringent quality control measures and industry standards to ensure that our products are reliable and effective. Our team of experts continuously monitors and enhances our product range to meet the evolving safety needs of our clients.

## CUSTOMER FOCUS

At Armour Safety, we prioritize our clients' needs and satisfaction. We work closely with our customers to understand their specific safety challenges and provide tailored solutions that exceed expectations. Our commitment to excellence extends beyond product delivery, offering comprehensive after-sales support and maintenance services.

## INNOVATION AND TECHNOLOGY

Innovation drives our success. We invest in the latest technology and research to develop products that set new benchmarks in safety and efficiency. Our R&D team is dedicated to exploring new materials, designs, and technologies that enhance the performance and reliability of our safety solutions.

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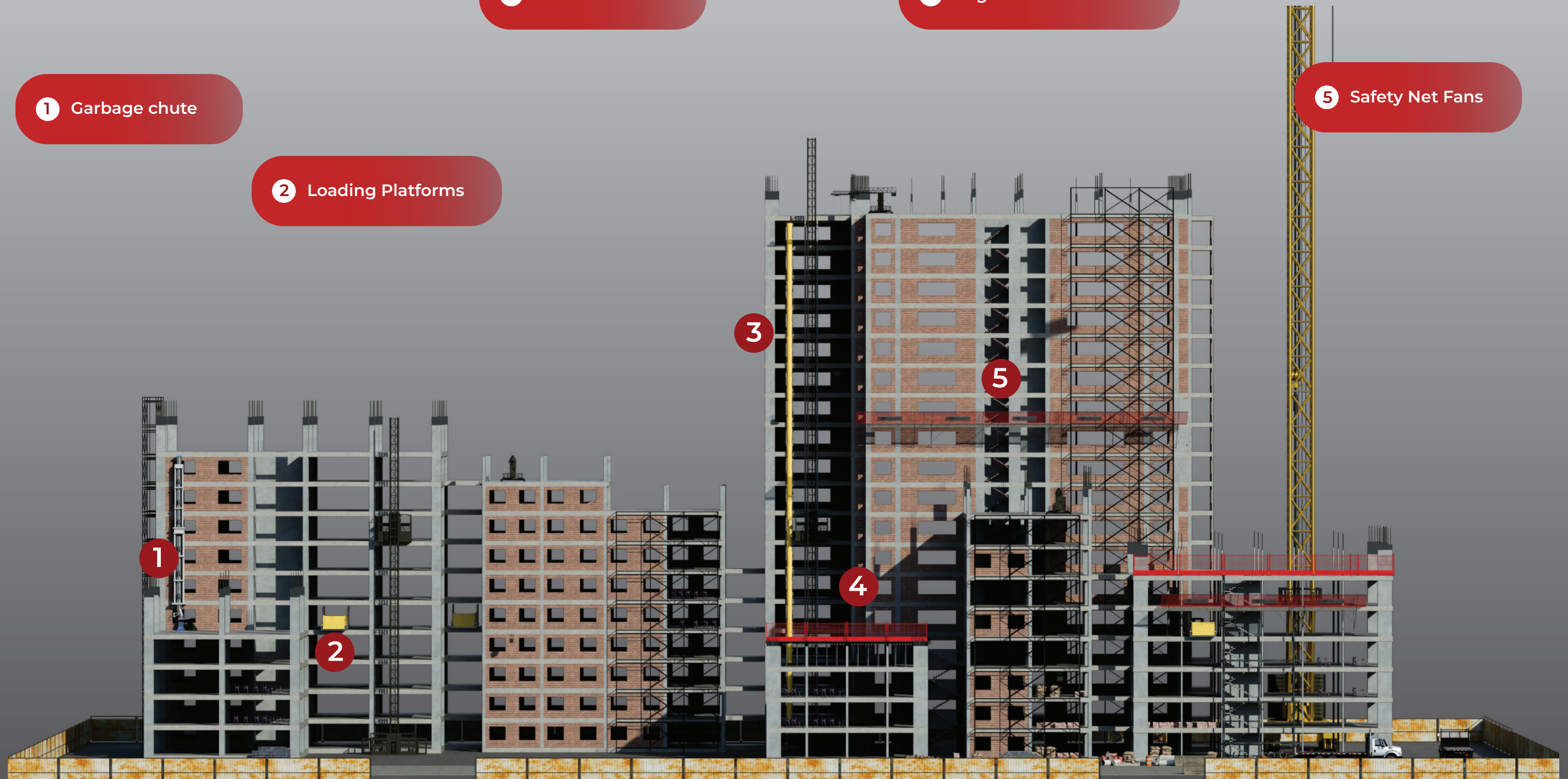
3 Rubbish chute

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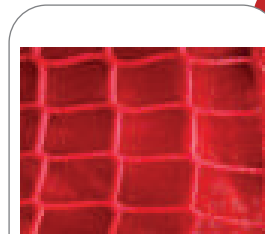
2 Loading Platforms





The Safety Net Fan (SNF) from Armour Safety is ideally suited to compact, inner-city locations where space is limited and the protection of people and property from potential hazards is essential.

- 1** The SNF catches and securely contains falling objects, protecting property, the public and site workers, at the same time protecting your business from possible litigation should an incident occur.
- 2** The SNF has been designed to be extremely adaptable and is compatible with all construction methods. SNF has a configuration to suit all methods of construction when capture and containment is required.
- 3** The fan layout facilitates improved access to the site over traditional protection methods, allowing workers to operate in areas where it is necessary to temporarily remove edge protection provided, they use restraint measures.
- 4** The SNF can also be folded, ensuring that cranes are able to operate in close proximity to the building envelope. The Safety Net Fan (SNF) from Armour Safety complies with European standard EN1263, system T.



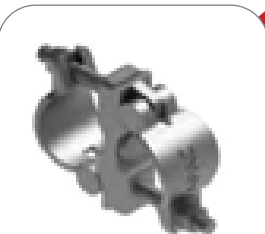
### THREE LAYERED SAFETY NET

Safety net is engineered specially with three layers of net to prevent and protect from falls of workers, big objects, tools and debris



### REINFORCED ALUMINIUM TUBES

50mm diameter, specifically engineered for improved strength and performance.



### SWIVEL COUPLER

The swivel coupler is used to connect the aluminum tubes together to form the tray like shape.

### Extra Wide – Safety Net Fan 6m x 4.6m

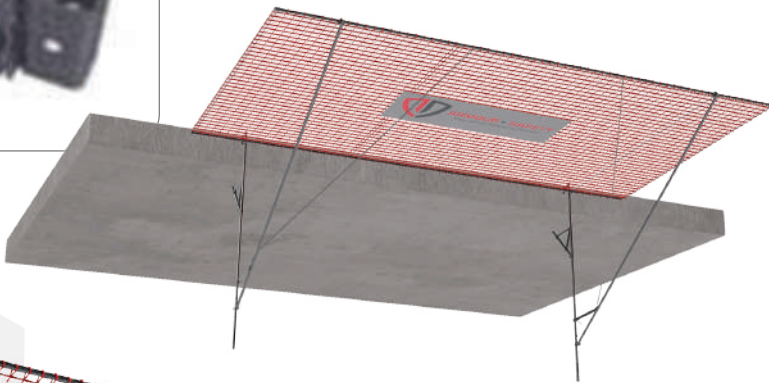
### WIND LOCK

Automatic function – Disengages when folding the fan and engages when unfolded. Fits all SNF specifications and is equipped with blocking function in case lock function is not required.



### ADJUSTABLE COUPLER

Allows correct height mounting for net irrespective of slab attachment adjustment, eliminating gaps. Increased flexibility for curved facades.



### Standard - Safety Net Fan 6m x 3m | 4.7m x 3m

### SLAB ATTACHMENT

Increases up-stand height to 185mm, reinforced and shaped to fit over cladding cleats or metal decking.



### EXTENSION

Dual purpose extension; extends knee brace 10878 for larger upstands or extends body to provide reaction support at the floor below. Simpler, slicker design, single bolt anchorage. Guard so that it no longer catches on beams.



### BODY

The body extends the lower support of the safety net fan downwards and can be used together with most attachments, and acts to connect the slab attachment and extension leg to the below concrete slab.



Armour Safety® Edge Protection Barrier Systems are the epitome of reliable collective safety solutions for working at height. With their sleek design, rapid installation process, and unmatched flexibility, they are the ideal choice for contractors.

Versatile Attachments: Engineered for versatility, our systems feature a wide range of attachments suitable for all types of formworks, scaffolding, concrete, steel, and wooden structures.

## KEY BENEFITS:

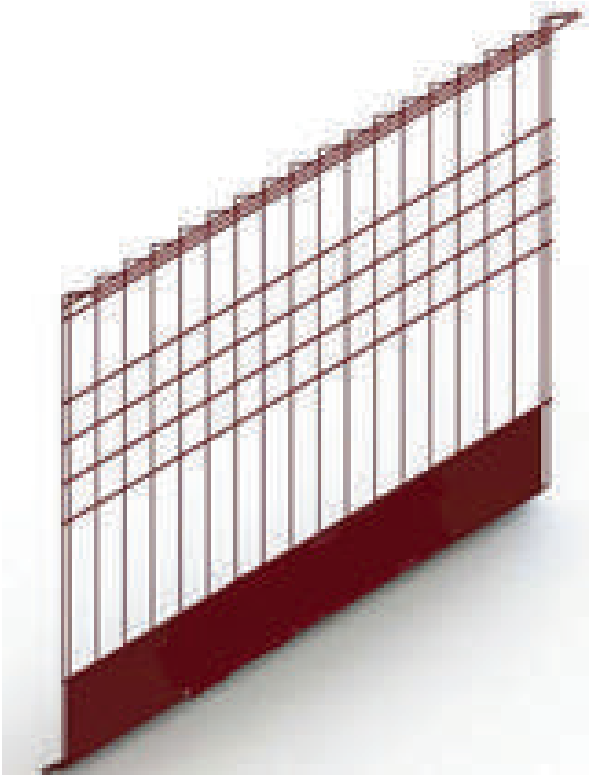
- **ROBUST AND DURABLE:**  
Designed to withstand the harshest conditions.
- **LIGHTWEIGHT DESIGN:**  
Enables easy, one-person operation.
- **RAPID INSTALLATION:**  
Significantly quicker setup than conventional systems.
- **MINIMAL COMPONENTS:**  
Fewer active parts than traditional tube and fittings, simplifying the process.
- **TOOL EFFICIENCY:**  
Requires fewer tools, streamlining installation.

Our Edge Protection Barrier Systems adhere to EN13374 standards, guaranteeing top-tier safety and compliance.

EDGE BARRIER – 2.6 M



Post with multi foot



EDGE BARRIER – 1.3 M

## ATTACHMENT OPTIONS



Multi slab clamp



TG Edge Bracket



Adjustable slab edge bracket



Steel i-beam clamp

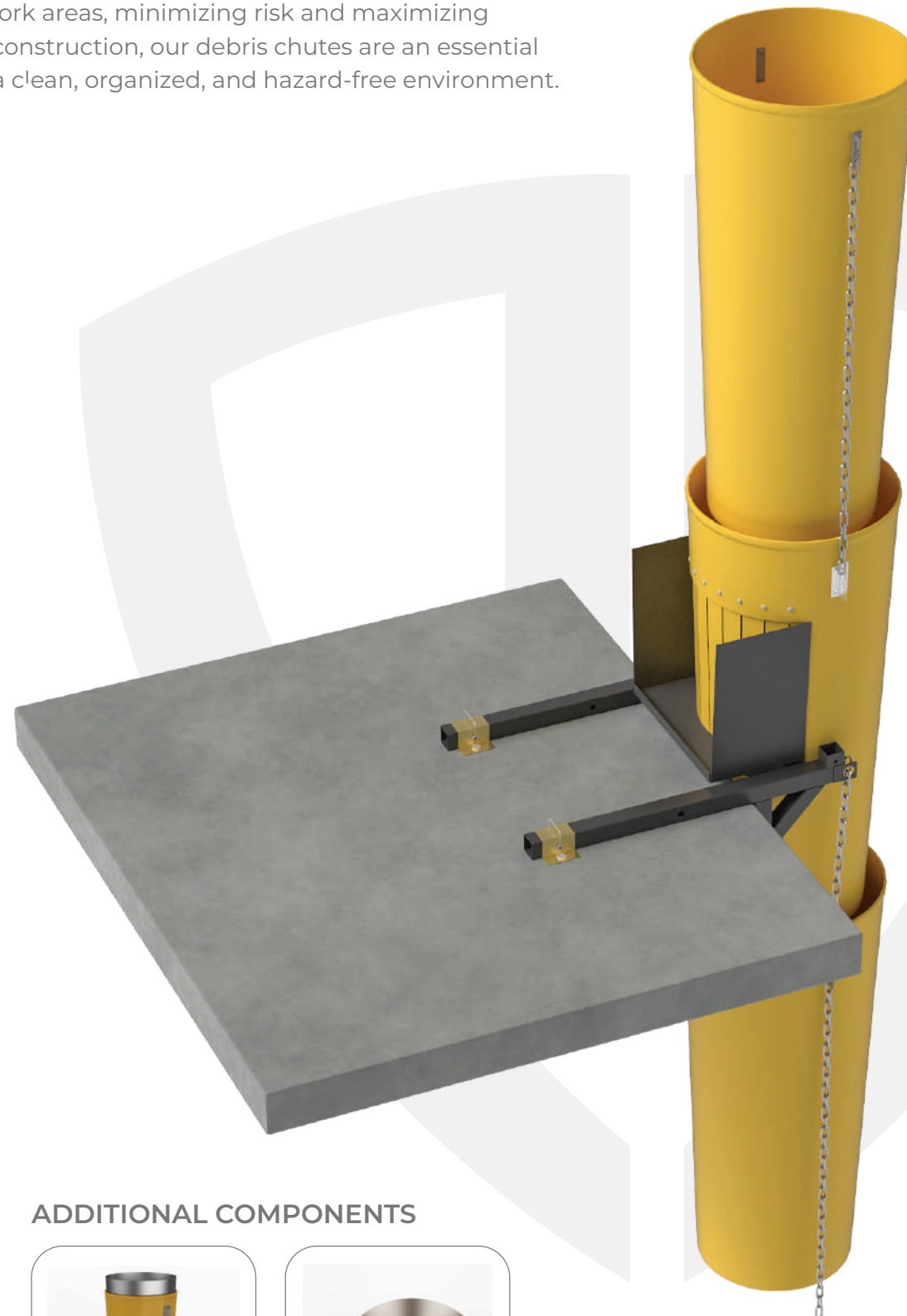


Steel i-beam facade bracket



Armour Safety offers state-of-the-art construction debris chutes designed for efficiency and safety on job sites. Engineered with durable materials, our chutes facilitate the swift and secure disposal of construction waste from elevated work areas, minimizing risk and maximizing productivity. With easy installation and robust construction, our debris chutes are an essential addition to any construction project, ensuring a clean, organized, and hazard-free environment.

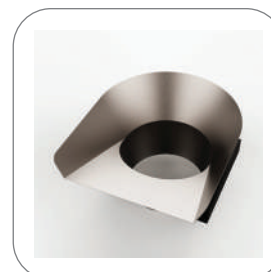
## BRACKET OPTIONS



## ADDITIONAL COMPONENTS



Chute Steel Liner



Top Hopper

## CHUTE HOPPER

Hopper chute sections have strong steel opening to withstand falling refuse and prevents it from any cracking upon impact. It contains two chute connectors, two chains, one throat and one deflection curtain.



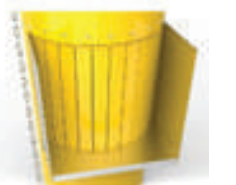
## REGULAR CHUTE

The entire inner surface area is smooth and free from any projections that will impede the free flow of refuse within the total vertical length of the chute. It contains two chutes connectors and two chains.



## HOPPER CURTAINS

Hopper chute sections have our specially designed Inner baffle, to prevent air or falling refuse already present in the chute from accidentally blowing back.



## CHUTE DUST COVERS

Hopper chute sections can be equipped with Dust Covers too, It totally reduces dust emissions into the working environment.



Armour Safety Solutions offers premium garbage and linen chutes manufactured to the highest industry standards. These chutes are meticulously finished and certified with NFPA-82 and ASTM standards along UL certification, ensuring superior safety and reliability. Designed for seamless integration into any facility, our chutes provide efficient and secure disposal solutions, maintaining high hygiene standards while enhancing operational efficiency.



## VENTILLATION

The purpose of a vent is to dissipate odors, as well as to dissipate hot gases in the event of a fire within the chute. NFPA codes require a full diameter vent, penetrating and extending 3' above the roof.



## REGULAR CHUTE

The standard chute extends from the garbage collection room to the top floor, where the highest intake is located. The tubes are continuously TIG welded, ensuring a watertight system without any bolts, rivets, or other projections inside the chute.



## CHUTE INTAKE

Chute intakes are designed to securely hold hopper doors, facilitating the proper disposal of trash bags. The intake sections are continuously welded, internally rectified, and externally sealed with mastic to ensure they are free from obstructions.



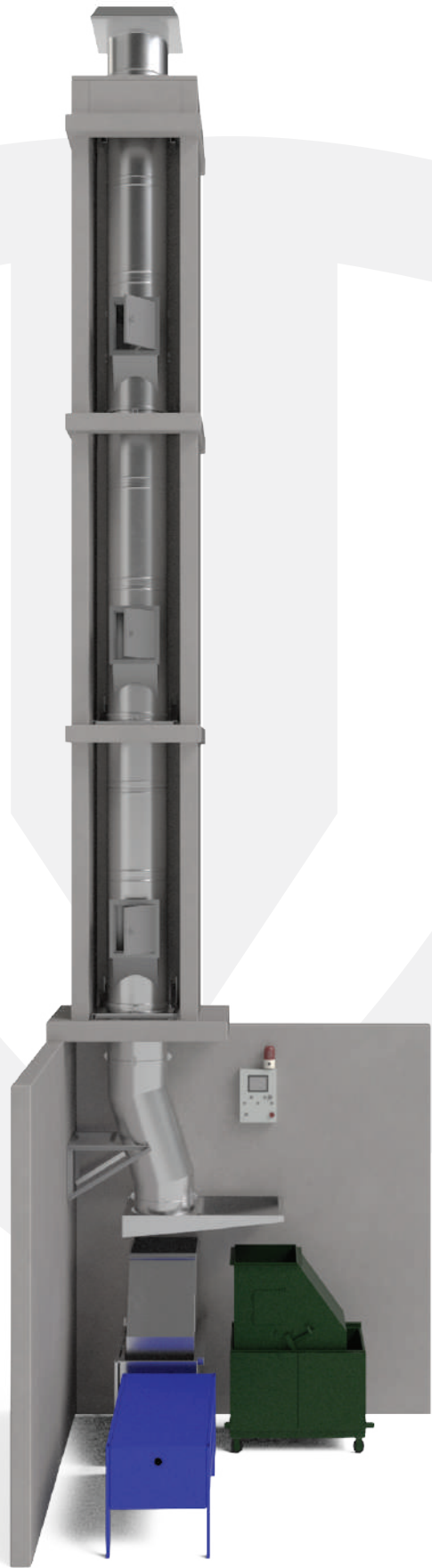
## COMPACTOR

Solid waste in your building has been brought down to street level with a dedicated waste chute and the collected to the compactor.



## CHUTE DOORS

The doors are crafted from a solid, mono block stainless steel surface and feature specially designed gas pistons for easier and safer operation. Electromagnetic interlocking with LED indicator lamps ensures that only one user can operate the chute at a time, and all doors automatically lock during maintenance.



## ACCESS DOOR

The Access Door is located above the top intake of the chute, allows access to the valves that operate the flushing spray head and/or sanitizing unit.



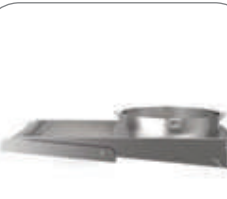
## OFFSET CHUTE

he offset design allows for flexibility in routing the chute around structural elements, ensuring optimal space utilization. Built with robust materials and precise engineering, these chutes offer reliable performance and seamless integration with building layouts, enhancing both functionality and safety.



## DISCHARGE DOOR

Installed on the bottom of the chute, and held open by a 165°F (74°C) fusible link (UL listed). It will cut off and close the chute once fire happened in the garbage collection room and the link are melted when the ambient temperature of a fire reaches 165 °F.



## SUPPORT BRACKET

Chute support frames are used for supporting the system on each floor. Chute support frames are fixed around the chute and bolted to the structure and wall. The interior of the rings is covered with 3mm anti vibration rubber pad as a sound isolator and protects the chutes from corrosion.



## CONTROL PANEL

The control panel, situated in the garbage collection room, is equipped with essential switches, relays, and indicator lights for operating chute accessories such as automatic sanitizing systems, exhaust fans, brushing units, and interlocking doors. Additionally, the control panel is integrated with the fire and smoke alarm system to automatically lock the chute in case of a fire.



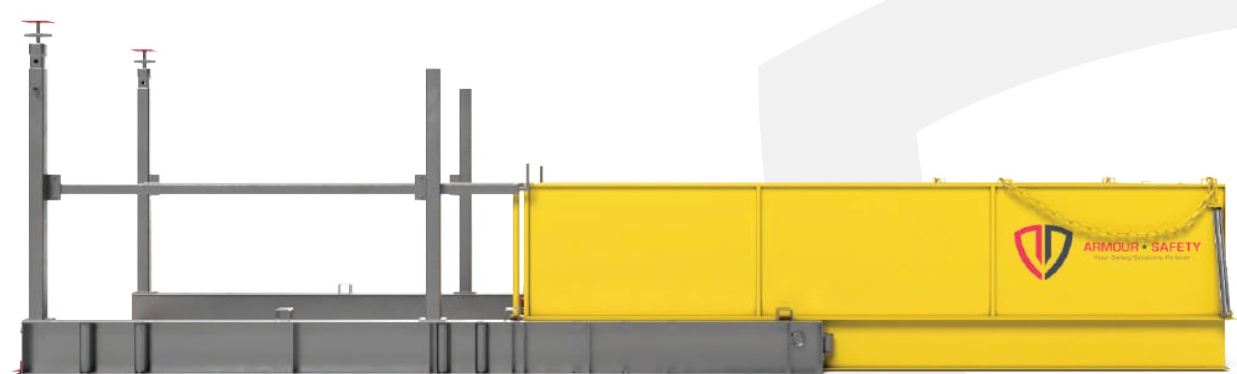
Armour Safety Solutions presents advanced construction loading platforms designed to enhance site efficiency and safety. Our platforms come in two variants: fixed and retractable. The fixed type offers robust, stable support for consistent use, while the retractable type provides flexible, space-saving solutions, perfect for dynamic construction environments. Both variants are built to the highest standards, ensuring durability, ease of use, and maximum productivity on any construction site.





# FIXED PLATFORMS

Armour Safety Solutions presents cutting-edge construction fixed loading platforms, designed to streamline operations and enhance safety on job sites. These platforms provide stable, robust support for the efficient handling of materials, facilitating seamless workflow and reducing downtime. Engineered with high-quality materials, our fixed loading platforms ensure durability and long-term reliability, making them an essential asset for any construction project. With easy installation and minimal maintenance, they offer a perfect blend of innovation and practicality, elevating the standards of construction site efficiency and safety.



Model	Symbol	Unit	SD 2200-L	SD 2200-H	SD 2600	SD 3200	SD 4200
External Width	W1	mm	2200	2200	2600	3200	4200
Internal Width	W2	mm	1740	1740	2740	2740	3740
Distance between front & rear prop	W3	mm	2300	2300	2300	2300	2300
Distance between left & right prop	W4	mm	2050	2050	2450	3050	4050
Folded height/stacking height	H	mm	510/420	510/420	530/420	530/420	530/420
Height of the side panel	H1	mm	1100	1100	1100	1100	1100
Min. prop height	H2	mm	2400	2400	2400	2400	2400
Max. prop height	H2	mm	3300	3300	3300	3300	3300
Retracted lenght	L1	mm	4845	5320	5320	5320	5320
Extended length	L2	mm	7430	8985	8985	8985	8985
Overhang lenght of stationary frame	L3	mm	1200	1450	1450	1450	1450
Distance between the front prop & the slab edge	L4	mm	1065	1695	1695	1695	1695
Extended length of movable deck	L5	mm	2665	3800	3800	3800	3800
Weight	TM	t	2.1	2.76	2.92	3.25	3.95
Safe working load (UDL)	SWL	t	2.5	5	5	5	5

# RETRACTABLE PLATFORMS

Armour Safety Solutions introduces state-of-the-art construction retractable loading platforms, designed to optimize space and enhance operational efficiency on job sites. These platforms offer the flexibility to extend and retract as needed, providing a secure and stable surface for material handling while minimizing obstruction when not in use. Crafted with high-quality materials, our retractable loading platforms ensure durability, safety, and ease of use, making them an indispensable tool for modern construction projects. With their innovative design, these platforms significantly improve site logistics and contribute to a more streamlined and productive workflow.



Model	Symbol	Unit	SD 2200-L	SD 2200-H	SD 2600	SD 3200	SD 4200
External Width	W1	mm	2200	2200	2600	3200	4200
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Min. prop height	H2	mm	2400	2400	2400	2400	2400
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Weight	TM	t	2.1	2.76	2.92	3.25	3.95
Safe working load (UDL)	SWL	t	2.5	5	5	5	5



Armour Safety is more than a company; we are a partner dedicated to building a safer future. Whether you are in construction, industrial operations, or any sector requiring top-tier safety solutions, you can trust us to deliver products and services that safeguard your most valuable assets.

Armour Safety together, we can create a safer, more secure environment for everyone.

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