


KleanChutes



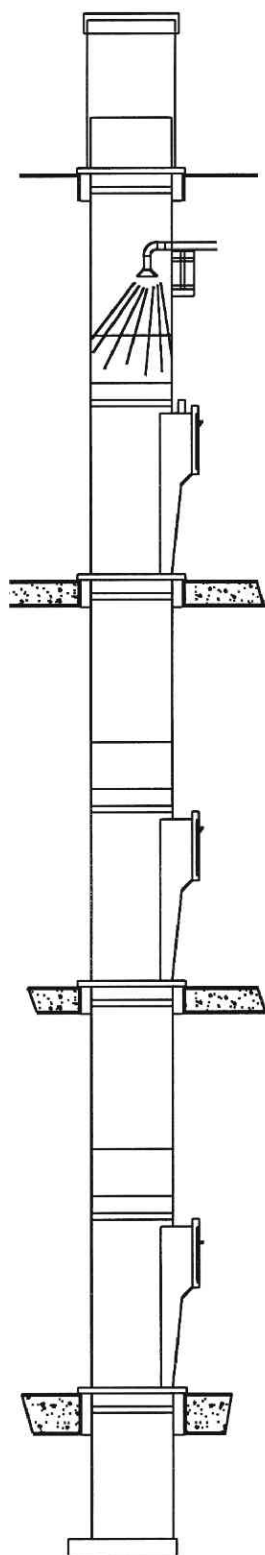
**quick and easy
garbage & linen
disposal system**

Waste Disposal Systems from



Sangir Plastics P. Ltd.

Chute Design



■ Material of Construction

Klean chutes are all made from 18 Gauge Stainless Steel however we can supply in other gauge in stainless steel or galvanized steel or in plastics.

■ Durable Construction

To ensure your chute the longest life available we build only the finest equipment. No rivets, bolts or other protrusions project into the chute riser. All vertical joints are joint using telescopic joints.

■ Low Impact Throat Design

Our double slope throat design ensures the largest clear opening at the intake while reducing the possibility of damage from the impact of falling material to a minimum.

■ Advanced Intake Door Design

All doors are double walled and have a clean stainless steel finish. All bottom doors hinge on a steel shaft with friction free bearings. All our doors are auto closing and built field adjustable, allowing easier installation.

■ Auto Fire Doors

Fire fighting auto closing door held open by fusible link assembly for automatic closing with heat rising above 70°C to protect the structure and occupants above angled discharge in garbage collection room.

■ Automatic Fire Sprinklers

Sprinklers to be installed at top intake, alternate intakes below and first intake floor or as required Ready for connection by others

■ Clean & Odor Free

Every chute includes a flushing spray head located above the top intake door and sanitizing system ensures your chute will stay clean and healthy. Ready for connection by others

■ Ventilation

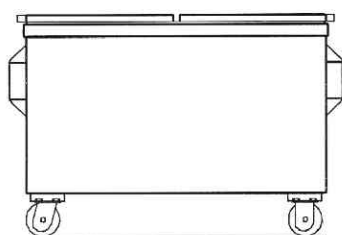
Vent to extend full diameter of same gauge and diameter as chute thru roof to a height of 4 feet with rain cap.

■ Control Panel

Single phase, powder coated, indicators, push button, hooter for fire alarm

■ Trolley

Ready trolley as per local municipal authority's standard. We can also supply special trolleys as per tailor made requirements in stainless steel, HDPE, Mild Steel, Galvanized Iron



Standard Chute & Door Size

Chute Diameter	Bottom Hinged	Side Hinged Right or Left
380 mm	250 mm W x 300 mm Ht	
450 mm	300 mm W x 350 mm Ht	
600 mm	375 mm W x 450 mm Ht	400 mm W x 450 mm Ht

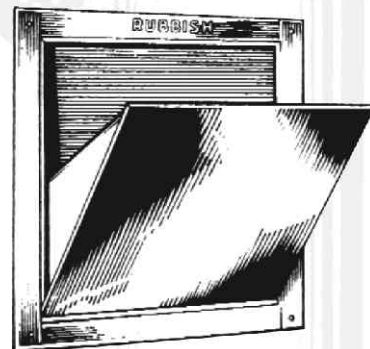
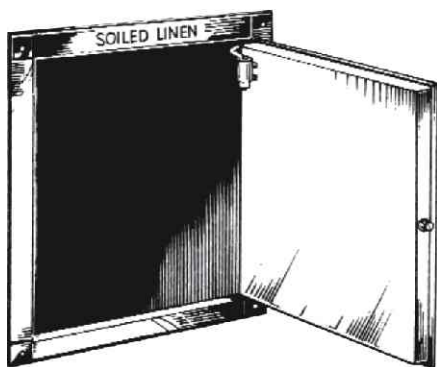
other sizes also available on request

INTAKE DOORS - PERFECTION

Our 1" pan type doors are fabricated of type 304 Stainless Steel and use our silent hydraulic closure system ensuring a slow closing positive latching action eliminating noise and injuries. Door closures are located out of the flow of material to ensure a long life. All door frames are fabricated of steel angle which is fully welded. Mounting flanges are made with elongated holes providing plenty of field adjustment. Doors are available with standard or master keyed locks and electrical interlocks. All doors have replaceable door panels, latches and closures ensuring the lowest possible maintenance costs

■ Bottom Hinged Hand Operated Door

The Bottom Hinged Hand Operated Door is used on most chutes handling loose rubbish or linen. The door opens a full 51° to provide a convenient slide hopper opening with side checks to reduce spillage. "V" backed intakes can be furnished to restrict the size of material loaded into the chute, eliminating long oversize objects from clogging offsets or jamming the discharge. Rubber baffles are also available to reduce back draft and protect users from debris.



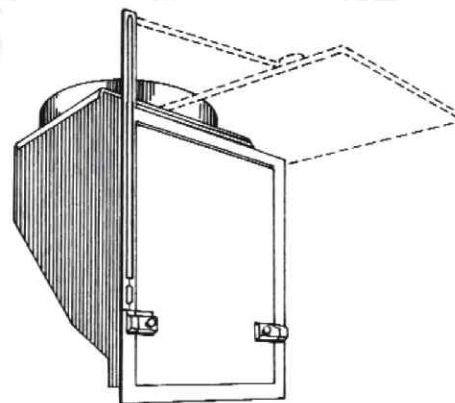
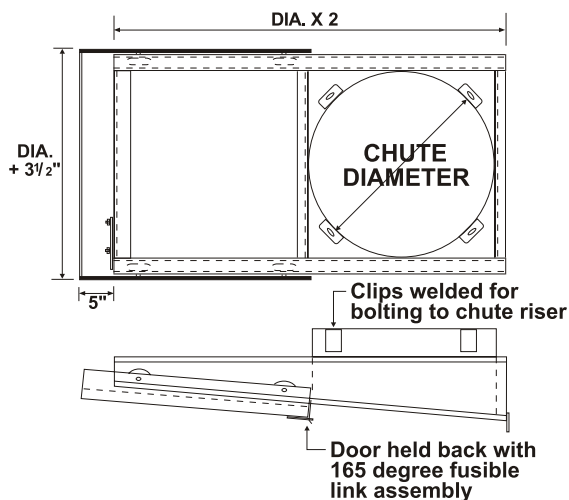
■ Side Hinged Hand Operated Door

The Side Hinged Hand Operated Door is used on most chutes handling Bagged Linen or other bulky items and also rubbish. This door can be opened a full 180° to handle even the largest bags and bundles. When opened completely the clear opening is equal to the door's nominal size. Doors are available with left or right side hinging as well as top hinged rubber baffles to reduce back draft and protect users from debris.

DISCHARGE DOORS - SECURITY

■ 1 - "H" Discharge

The model "H" discharge is used where building conditions dictate a change of direction for material to pass through a wall. The hopper sides and top are fabricated of the same material as the chute with the bottom being fabricated of thick material for superior impact resistance. The hopper is supported on a structural steel, all welded angle, balancing on four post iron frame. All hopper discharges have a 2" drain connection at the low point and are equipped with a top hinged spring counter – balanced door with a fusible link hold open and a cam latch at the bottom allowing the door to be closed during wash down. Additional reinforcing plates are available for high impact applications.

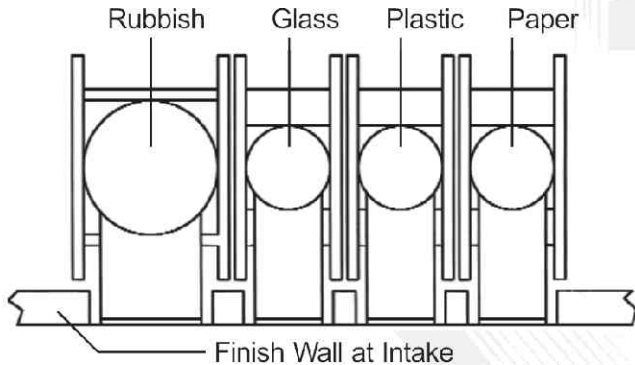


■ 2 - "A" Discharge

This pan style door is mounted with wheels on an inclined steel track and is held open with a 70° C fusible link. This door IS NOT designed for use as a shut off gate and is only offered for fire safety

KLEAN RECYCLING SYSTEMS - SIMPLICITY

With more cities & state recycling mandates being enacted requiring source sorting, designers are searching for cost effective space saving methods of complying with local rules. From low-tech strategic placement of recyclable collection containers on the ground to multi-chute and electronic diverter systems.

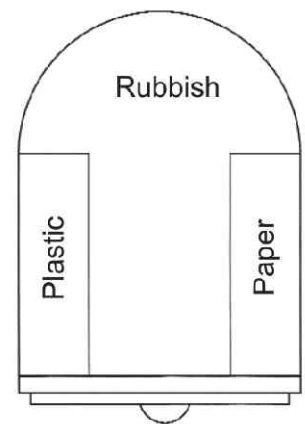


■ Multiple Chutes

The most basic system available for source sorting in multi storey projects is to use multiple chutes. We start with our standard rubbish chute and add to it additional chutes to provide the number of sorts required. Some municipalities require only two sorts, rubbish and mixed recyclables. Others may require further segregation. With multiple chutes you can provide a simple, low maintenance, low-tech, low cost system

■ Multi-Chute

When floor space is at a premium, Klean Multi-Chute is the answer. Handling up to three sorts, the multi-chute is a single chute with dividers running the length of the chute. Open the door and there are separate compartments for the waste and two recyclables. At the bottom of the chute the two outside sections are offset away from the center allowing each to fall into its own bin. Minimum recommended chute size - 600 mm diameter.



About the Company

SANGIR PLASTICS P. LTD, an ISO 9001:2000 & 14001 Certified Company, prides itself as a quality manufacturer of thermoplastics piping systems & plastic solutions. The company, founded in 1982, is well known for its pioneering product launches in India, with four production facilities in Mumbai, Gujarat & Rajasthan all in western India, with a dedicated team for undertaking turnkey jobs.

The Company specializes in manufacture of products from advanced plastics like Kynar®, PB1, Hi-Tech Polypropylene & Fire retardant materials. Its commercial range includes a broad array of products includes such as PP, PPH, Nucleated PP, HDPE, PVDF, PPGL, HIPS, PPFR & PB pipes, fittings, sheets, profiles & customized plastics components.

“Move Forward. Do it while others are still thinking...”

For all your garbage chute, linen chute, debris chute requirements and chute based recycling system needs, call us at **91- 22 - 28724023/28726120** visit www.sangir.in or write to us at sangir@vsnl.com



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