



# HEAVY DUTY CHUTE INSPECTION DOORS



SERO chute inspection doors are specifically designed to withstand the extreme continual wear experienced in typical applications, while maintaining easy, and above all safe access for chute inspections and clean-out.

SERO chute inspection doors are superior to anything else in design and durability. If minimising costly downtime is your goal, SERO doors will help to achieve it.



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# SERO HEAVY DUTY CHUTE INSPECTION DOORS

All SERO door designs incorporate our 3 process safety access system.

## Main Door

The solid outer door is secured with SERO's unique, heavy duty, failsafe locking system. A fitted rubber seal prevents dust containment and vibration.



## Safety Door

Next is the safety door. This is fitted with jail bars and/or a mesh guarding and uses dual safety latches for secondary lockout. The mesh prevents hand contact with any pulley nip points and the jail bars, spaced at 90mm, prevent head access into the chute. A rubber seal provides dust containment and vibration prevention.



## Safety Rails

Lastly, horizontal safety rails are built in to the design to prevent workers from falling into the chute when the chute doors have been opened. Once the plant has been isolated, this then provides maximum access for cleaning. For maintenance access, the rails are fully removable and internal access is gained in accordance with a DWP.



As an integral part of your plant, SERO incorporates all of its premium features into each door by making it the ultimate in chute access solutions:

- Full Grade 350 steel construction
- 3 step safety access
- Easy installation with a simple weld or bolt on process
- Unique internal radius corner design for improved wear resistance
- Long lasting nylon bushed hinges and latch for minimised downtime and maintenance free operation
- EPDM dust seals, able to withstand temperatures from 5 - 95°C
- designed fail proof locking device

### Standard sizes include:

- 450 x 450
- 600 x 600
- 750 x 750
- 750 x 350
- 1200 x 600

### Custom options include:

- Custom sizes
- Single or double door styles
- Grade 450 wear plate or stainless steel construction
- Mesh and/or jail bars on safety door
- Door identification signage
- Full range of surface treatments to meet site specification
- MDR and ITP on request

### Please Note:

Chute inspection doors are not recommended for use in applications where the material-flow path may directly impact the door. Inspection doors are not intended for use in hopper applications, where the depth of the collected material may exceed the installed elevation of the door opening.

These access doors should never be installed in any part of a potentially pressurised containment vessel.

Call us on 1300 033 066 or visit [www.seroglobal.com.au](http://www.seroglobal.com.au) for more information



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