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Electric-Powered & Hand-Operated
Multiple Use Sliding Security Door—(Model: SH-2000)

SPECIFICATION

1. Name of construction: Stainless-Steel Sliding
   (Manufacturing of Security Door and Installation)

2. General Provisions

   a. This construction work shall manufacture and install in accordance with design
      and specification.
   b. Company shall perform installation after discuss with client, which is not indication
      to design and specification.
   c. Material, which will use for this construction shall be in 1st grade.
   d. Location of installation shall confirm by client, but it can be decided after
      consultation with company.
   e. Security Door shall be installed horizontally and vertically exactly.
   f. Company shall take care for safety, so as not to have accident, which can be
      happened during transportation and installation. Client shall process work with the
      best assistance.
   g. Occurrence damages of building and other equipments, When company install
      security door, the damage shall be repaired by company’s restoration expense.

3. Structural outline

   a. Main Door

      Type: Electric and Manual (Stainless – Steel Sliding)

      Size: Outer size: W2600*H2500*D500mm
            Inner size: W1100*H2000*D500mm

      Method of operation: This type can be opened and closed by soft touching as
      much as pushing with hand, on connection to reduction gear by chain up rotary
      motion of electronic Motor. And multiple using type which can be used hand–operated.
      Front plate: Steel plate of thickness 6mm, and shall be designed and manufactured to
      have function of destruction and fire–resisting power.
Back plate: Steel plate of thickness 3mm, shall be provided function fire resisting and wall structure from apparatus room.

Front shrouding: Stainless 1.5mm, shall be had function in order to protect main operated box on the front and bring image into solid and stability of products.

Front gusset plate: 1.5mm of stainless plate shall protect apparatus area and manufacture so that support back of door.

Back shrouding: 1.2mm of stainless shall be manufactured for protection apparatus room and support back side of door.

Dial Lock: Dial lock has high security; it can be changed security number of four steps from particular method.

Handle: Handle processes treatment shooting steel more than 250mm of thickness and connect to shooting bolt which is more than 30mm of diameter.
And Handle of Bar type in the Dial Box shall manufacture so that having function locking and loosing with connect to crossbar device.

Shooting Bolt: It shall be processed treatment with more than 25mm of shooting bolt, shall be have a door locking and opening system and keeping security at part of connected of door.

Fire resisting: filling with Mineral Wool of silica calcium having adiabatic and fire resisting function, can be used other material by requested client.

Solar Sensor: It is Safety system to stop automatically, not to be damaged or jammed (caught), when people coming in and out, if main door operates to closing
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b. Lattice Door
Type: Internal door of hand-operated, and made by Stainless Steel Pipe

Frame and lattice strip: It shall be manufactured with using of stainless pipe over
than 16mm and 40*40 of each of pipe type. And use made by Hair Line product.

Caster: It shall equip with special Urethane material that is processed
treatment considering to abrasive and flexibility

Key: It shall have extra control system in outer entrance, Using special
material of Cylinder type.

C. Emergency Door

Type: For entrance to the inside of security door, if it is not able to use
main door, sliding door, which is constructed to the doorframe, not divided type.

Using material: It is manufactured with same main material of Vault Door

Caster: Special Urethane that is proofing inner abrasive and flexibility,
it shall manufacture with inserting Bearing of rigid lubricating.

4. Special Note

A. Material

a. Steel material shall use rigid steel having a high solubility, shall not be scratched
and curved on the face of steel, and shall manufacture using special steel
casting suitable usage on the special region.

b. Stainless steel plate is used SUS304
B. Processing

a. Steel plate and other material shall be in straight line without part of cut, shall manufacture and install after polishing

b. Each region shall weld enough at same time of connecting with Bolt and rivet to maintain maximum degree of strength, when install.

c. Steel material shall weld anticorrosive paint in order not to be corrosion and rust before cover stainless plate.

d. Stainless shall use material treated Hair Line considering external beauty and endurance and shall treat Grinding or Sending after welding