Stainless Steel Swing Vault Door
MODEL : SH 880

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Date

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Stainless Steel Swing Vault Door
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SPECIFICATION

Name of construction : Manufacturing of Vault Door and Installation
(Vault door for safekeeping of valuable goods)

A. Name of items and Q’ty : Double swing opening door : Stainless Steel(SUS)

B. General Provisions
   a. This construction work shall manufacture and install in accordance with design
      and specification.
   b. Company shall discuss with client and install after manufacturing, that provision not
      to be indicated in the design and specification.

C. Structural outline
   a. Main Door
      Type : Double swing opening door (Stainless Steel)
      Size : Outer size : H2120*W1630*D350mm
             Inner size : H1830*W920*D350mm
      Method of operation : Opening and closing from in-out side by manual-operated
                           with axis of hinge.
      Front gusset plate : 1.5mm of Hair-Line stainless plate, covered it on the front steel
                           and shall manufacture to have internal breaking strength and have beauties of outside
                           Front plate : 9.0mm of steel plate, shall be designed and manufactured to have function
                           of internal breaking(fracture) strength and of fire-resisting for wall structure.
      Fire resisting : Formation fire-resisting wall with filling with Mineral Wool of silica
                      calcium having adiabatic and fire resisting or with filling with other materials of
                      adiabatic and fire resisting function.
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Back plate : 6mm of Steel plate, shall be provided function of fire–resisting and wall structure in an apparatus area.

Back gusset plate : Shall be have function of fire resisting and protection for wall structure in the MA, using 3.0mm of steel plate.

Combination dial lock : Fixing 2 sets of special Dial lock which has high security, possibility to change security number of 4 steps from particular method.

Handle : Handle processes treatment stainless or cast steel and connect to shooting bolt of Diameter is then 250mm of diameter 250mm, and 30mm of thickness. And operation door by electric–powered and hand–operated

Shooting Bolt : It shall be processed treatment, more than 25mm of shooting bolt, having opening and closing system in the door and shall maintain security at part of connected of door.

Fire resisting : Filling Mineral Wool its kind of silicic acid, which is having thermal insulation and refractory and it can be use other material by requested client.

Solar Sensor : It is Safety system for stopping automatically, not to be damaged or not to be got jammed(caught), when person coming in and out, at the time of closing of main door.

b. Lattice Door

Type : Internal door of operated by hand–operated, manufactured by Stainless Steel Pipe

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

Caster : It shall equip in consideration of abrasive and flexibility from processed treatment special Urethane material.
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Key : It shall have extra control system in outer entrance, Using special material of Cylinder type.

D. Emergency Door

Type : For entrance to the inside, when main door is not available use. It is not divided type, but Sliding Door installed as in one body to Main Door Frame.

Using material : Shall be manufactured with same material of Main Door.

Caster : Special Urethane which are 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 by using special steel casting on the special part.

b. Stainless steel plate uses SUS304

B. Processing

a. Steel plate and other material shall be in straight line which is cutting part, shall assembled and install after polishing

b. Each part shall weld enough where is connecting to Bolt and rivet for maintenance maximum degree of strength, when install.

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

d. Stainless shall use material treated Hair Line in consideration of external beauty and endurance and shall complete Grinding or Sending after welding