



Chuzhou Sinostar Home Appliances Technology Co., Ltd. is a leading **manufacturer & exporter** devotes to manufacturing **equipment, molds and tools** in home appliances such as **refrigerator, freezer, washing machine**, etc).

Sinostar is located in Chuzhou, Anhui Province, a nearby city on the side of Nanjing, Jiangsu Province. There are many professional R&D engineers and technicians to provide best design and make sure the product quality. What's more, we have multiple production bases to consolidate best resources in the area.

Our business direction is to provide one-stop service from design to delivery. If customers want to build **a new factory** or expand their product line. Or you want to import equipment, molds and spare parts to produce refrigerators, freezers, upright display and water dispensers, Sinostar will be your first priority.

We've been dealing with this industry for over 20 years. So far, our business partners are located in more than 20 countries all around the world, such as Egypt, Bangladesh, India, Vietnam, Korea, Pakistan, Turkey, Brazil, Nigeria and other countries. Variety of Overseas Clients (such as SIEMENS, SHARP, TOSHIBA, and EMERSON, etc..) are all keeping satisfying business relations with Sinostar. It also keeps to be a good partner with Domestic Well-known Brands in the same industry, likes HAIER, MIDEA, LG, HISENSE, SHARP, MEILING, TCL and so on.

SERVICE OFFERINGS

- Professional Design
- Multi Production Bases
- New and **second-handed** equipments with competitive prices
- Full after sales services

Team Members

- Designers
- Engineers
- Technicians
- Quality controllers
- Marketing and Sales Manager

PRODUCT Categories

- Refrigerator/Freezer equipment: Sheet & vacuum forming/ foaming Machine
- Assembly production line: conveyor/lifting device/pump
- Molds: forming/cutting/punching/foaming molds
- Auxiliary tools

Company Information

- Business Type: Manufacturer, Exporter, Supplier
- General Manager: Henry.wu@sinostartech.com
- Overseas Manager: Sharon.li@sinostartech.com
- Company address: No.558 Shanghai North Road, Economic development Zone, Chuzhou, China, 239000

Business Partners: 20+ Countries



1. Automatic refrigerator door shell sheet metal forming line



Composed of:

1. Automatic feeding machine
2. Punching machine
3. Bending machine
4. Feeding machine
5. Supporting pneumatic system
6. Power control system and other parts

General technical parameters (for reference, can be customized according to customer requirements):

1. production line dimensions : 11500mm*3500mm*2300mm
2. Working height: 900mm
3. Number of work stations: 5
4. Production rhythm: 20s/set
5. Sheet material: cold rolled sheet, precoated board (PCM), with a thickness of 0.40-0.55mm
6. Plate parameters after processing: length * width = (500~1300mm) * (700~820mm).
7. Capacitance: 0AC380V, 5Hz, 15Kw
8. Gas source: 1/2 "(0.5-0.65Mpa)
9. Water supply requirements: industrial water (25 liters / cents)

2. Automatic refrigerator door sheet metal forming line



Composed of:

1. Automatic feeding machine
2. Punching machine
3. 90 degrees R2 bending machine
4. R12 bending machine
5. Feeding machine
5. Supporting pneumatic system
6. Power control system and other parts

General technical parameters:

1. Production line dimensions : 11500mm*3500mm*2300mm
2. Working height: 900mm
3. Number of work stations: 5
4. Production cycle: 20s/set
5. Sheet material: cold rolled sheet, precoated board (PCM), thickness: 0.40-0.55mm
6. Sheet parameters after processing: length * width = (500~1300mm) * (700~820mm).
7. Capacitance: 0AC380V, 5Hz, 15Kw
8. Gas source: 1/2 "(0.5-0.65Mpa)

5. Automatic refrigerator (freezer) cabinet side forming line



Main steps:

1. Automatic feeding
2. Stamping trimming
3. Roll blanking
4. Side plate folding process
5. Terminal bending machine processing
6. Blanking



General technical (for reference, can be customized according to requirements):

1. Dimensions: 26500*3500*4500 (mm)
2. Working height: normally higher than ground 900mm.
3. Number of work: 6
4. Production cycle: 30s/set
5. Plate material: precoated board (PCM), thickness is 0.45-0.55mm.
6. Product size adjustable range: single side panel (H*D) = (1300~1850) x (500~650)
7. Capacitance: AC380V, 50Hz, 45Kw
8. Compressed air source: 1/2 " (0.5-0.65Mpa);
9. Water supply requirements: industrial water (25 liters / cents)



6. Automatic refrigerator (freezer) Cabinet U shell forming line



Composed of:

1. Automatic feeding machine
2. Punching and cutting machine
3. 180 degree turning machine
4. Rolling mill
5. Z-folding and edge-covering machine
6. Power control system and other parts
7. cladding line
8. U-shaped bending machine
9. Manipulator blanking and its supporting pneumatic system, hydraulic system and electronic control system.



General technical parameters (for reference, can be customized):

1. Production line dimensions : 45000*3500*2000mm (L*X*H)
2. Working height: 900mm
3. Number of work stations: 9
4. Fold U depth: 400~650mm
5. Fold U height: 450~2000mm
6. Fold U width: 450~700mm
7. Production cycle: 25s/pcs
8. Sheet material: cold rolled sheet, precoated board, laminating PCM board
Sheet thickness: 0.45~0.6mm
9. Capacitance: 40Kw
10. Gas consumption: 1~2m /h



3. Freezer door liner vacuum single station forming machine



Composed of:

1. Automatic feeding machine
2. Punching machine
3. Bending machine
4. Feeding machine
5. Supporting pneumatic system
6. Power control system and other parts

General technical parameters (for reference, can be customized according to customer requirements):

1. Molding area: 1800mm*800mm
2. Forming depth: 650mm
3. Heating power: ~126Kw
4. Total capacity: ~176Kw (380V, 50Hz)
5. Molding method: punch and die forming
6. Cycle time: cabinet liner is less than 170 seconds / mold, door liner is less than 60 seconds / mold (excluding manual loading and unloading time).
7. Compressed air source: 2 "(0.5Mpa~0.65Mpa)
8. Water source: 6T/H (industrial water)
9. Product materials: ABS, HIPS, PS
10. Product material thickness: 1.0mm~6.0mm



4. Freezer door liner vacuum three stations forming machine



Composed of:

1. Feeding
2. Heating
3. Molding and other parts.

Transport modes: chain and clamp.

Features: adopts high-efficiency heater, servo motor transmission, low-temperature air cooling, with compact structure, high degree of automation, energy-saving and efficient features.

General technical parameters (for reference, with special requirements, can be customized according to customers):

1. Molding area: 2000mm*900mm
 2. Forming depth: 200mm
 3. Heating power: ~180Kw
 4. Total capacity: ~330Kw (380V, 50Hz)
 5. Total gas capacity: ~2m /min (0.5Mpa~0.65Mpa)
 6. Water source: 20 ~25, 0.2~0.3Mpa
 7. Molding method: punch forming
 8. Production cycle: less than 23s/pcs
 9. Molding materials: ABS, HIPS or PS
- Material thickness: 1.0mm~2.0mm



5. Drag chain refrigerator (freezer) cabinet foaming equipment



Composed of: main frame, power drive system, foaming mold frame, opening and closing mold track, opening and closing lock mechanism, automatic charging system, door-taking manipulator, curing oven (including heating and ventilating system platform), model identification device, safe ventilation device, equipotential grounding system and auxiliary pneumatic system, hydraulic system, etc. Electronic control system and other components.

General technical parameters (can be customized):

1. Outline size: 38000 x 7500 x 5000mm (L*W*H)
2. Number of work stations: 24
3. Fixture template size (long x width): 2000mm * 900mm
4. Closing height of mould frame: 200mm
5. Production cycle: 20s (excluding manual operation time)
6. Heating mode: steam heating or oil mold heating machine.
7. Foaming medium: POL mixed cyclopentane +ISO or POL mixed 141b+ISO
8. Injection mode: automatic charging for mold opening.
9. Steam capacity: 200M /h
10. Curing oven temperature: 55 + 5 C

6. Multi stations (6-8) linear cabinet foaming equipment



Composed of: preheating oven, power drum line, 90 degree steering machine, bidirectional delivery system (including automatic nitrogen filling device), foaming fixture, automatic filling system, lifting and translating machine for outlet box, water heating system for exterior mould, auxiliary pneumatic system and electric control system.

General parameters (can be customized):

1. Box specification: L:800~2000mm; W:450~800mm; D:450~900mm
2. Curing time: less than 999s.
3. Number of work stations: 6~8
4. Filling: one end of a single gun is horizontally charged.
5. Foaming medium: POL mixed cyclopentane +ISO or POL mixed 141b+ISO;
6. Production cycle: 30 seconds / stage (determined by the number of fixtures and the cabinet curing time).
7. Variety specification: it can produce 6~8 products of different specifications at the same time.
8. Jig lifting and driving mode: motor drive;
9. Compressed air source: the working pressure is more than 0.5Mpa, and the flow rate is about 0.1M /min.

7. Rotary Refrigerator (freezer) door foaming equipment



Composed of: main frame, rotating frame, foaming mold frame, hydraulic drive, positioning, opening and closing mold system, loading system, variety identification system, matching hydraulic system and electronic control system.

General parameters (can be customized):

1. Outline size: about 6000 (L) x 5500 (W) x 4600mm (H).
2. Number of work stations: 7 or 8
3. Fixture template size (long * width): 2000mm * 900mm
4. Closing height of mould frame: 200mm
5. Production rhythm: 46s (excluding manual operation time)
6. Foaming medium: POL mixed cyclopentane +ISO or POL mixed 141b+ISO
7. Injection mode: automatic charging for mold opening.
8. Heating mode: mold temperature machine water heating.
9. Capacitance: 65KW (3890V, 50Hz)

Assembly line



1. Refrigerator production line



2. Washing machine production line



3. Freezer assembly line



4. Refrigerator door assembly line



5. Freezer conveyor belt line

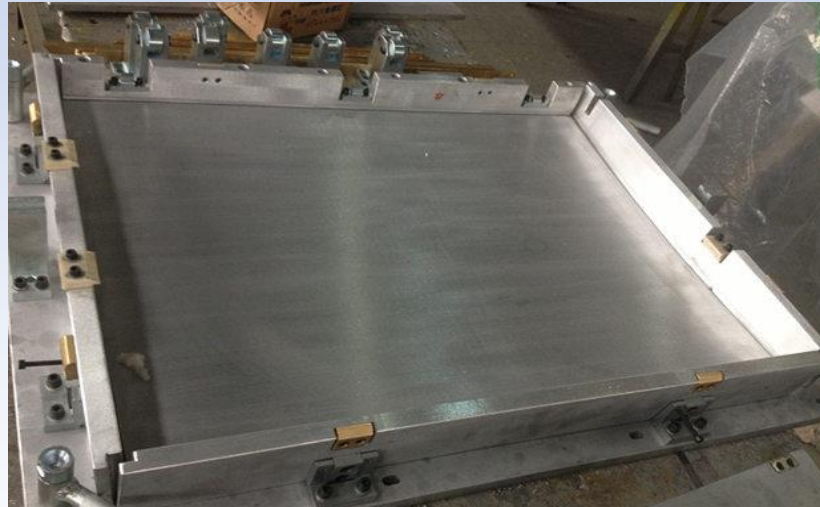


6. Refrigerator conveyor belt line

Foaming Mold



1. Refrigerator/Freezer cabinet foaming mold

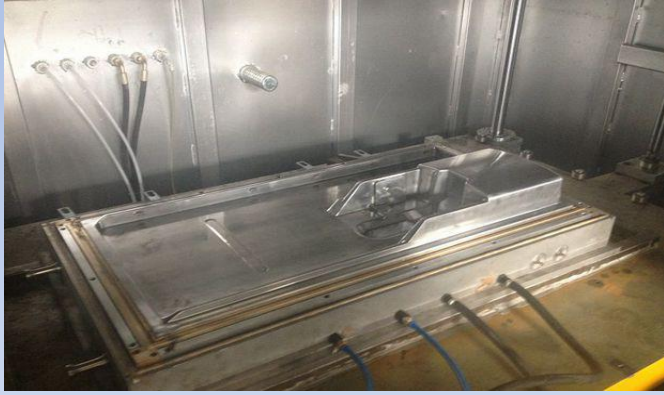


2. Refrigerator/Freezer door foaming mold



3. Refrigerator cabinet liner foaming mold

Plastic injection/Vacuum/Punching Molds



1. Refrigerator door liner foaming mold



2. Refrigerator door frame plastic injection mold



4. Refrigerator cabinet liner punching mold



3. Refrigerator door vacuum suction mold



Auxiliary machines and tools



1. Screw driver



2. riveter



3. Rock wool insulation/Polyurethane board



4. Thermometer



5. Refrigerant Leak Detector



6. Safety tester



7. Cyclopentane foaming machine



8. Bending machine