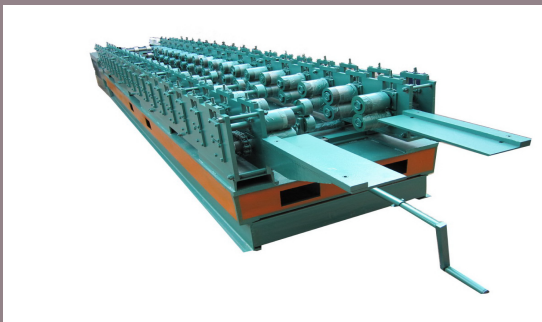


门类产品相关设备

DOOR PRODUCTS EQUIPMENT DIVISION

PRODUCTS RANGE

Roller shutter production line serie
Sectional door panel production line serie
Security door production line series
Shutter housing box roll forming machine
Octogonal pipe roll forming machins
Fire slat roll forming machine



2010

DOOR MACHINES

A choice you will be proud of enhanced productivity & quality

For over 10 years experience , Dafayard has successfully supplied high quality door production lines including sectional door machines , roller shutter machines , security door machines to our respected clients coming from 21 countries and areas . Our high quality equipments and overall service always help clients to quickly take his own investments back and bring good benefits for clients .Meanwhile bring good reputations for us. Many successful experiences and cases enable us to continuously improve and achieve maximum quality to meet clients' demands.

Provide complete technical solution

Dafayard provide detailed and whole project and solution according to client's production request including reasonable and optimal technical process and equipments , provide our professional suggestion technical parameter , assistant unit selection, product quality etc.

Provide practical technical and operation training

Dafayard organize practical technical training for all customers based on those technicians and machines supervisors who need to be trained on the basic criteria of the use and maintenance repair.

Professional and practice-oriented trainings for making the best possible use of the performance potential of your door machines and plant technology at competitive terms and conditions.

Significant increase in the quality and productivity of work

Efficient optimization of your production while keeping maintenance costs at a low level

Safety and success of your staff in operating door machine and plant technology

Targeted and successful elimination of potential failures in the production process

Provide overall after-sales service

provide overall after sales service in addition to the normal service activities (installation, start-up and testing), including the following :

Technological and technical support

Training of the customers' personnel for a better use of the equipment related to the production system repairs , troubleshooting .

Provide quick spare parts service

Full series spare parts at our stock at any time of the day. Reliable availability and fast delivery of original spare parts at favourable prices, original spare parts with manufacturer's guarantee and an attractive price-performance ratio .

SECTIONAL DOOR MACHINES

Roll forming machine

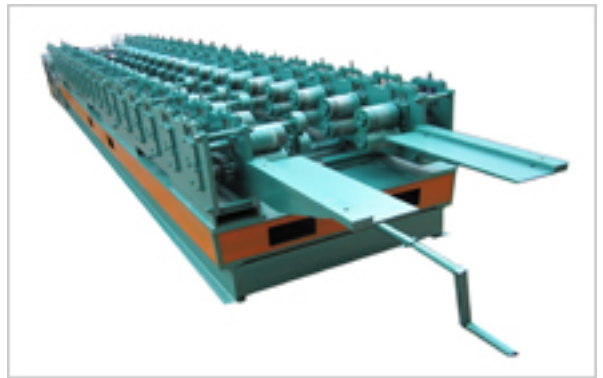
General panel roll forming machine

We successfully supply many design roll forming machines of sectional door panel according to clients' requests .

Main features:

- 1> High strong frame with 300H steel
- 2> 18 step high precise roll-forming rollers
- 3> Power of speed regulating motor: 5.5KW
- 4> Power of speed reducer: 350W
- 5> Roller material : 45# steel with chrome plated
- 6> Shaft of roller : 45# steel in $\varnothing 52\text{mm}$
- 7> Panel width: adjustable
- 8> Rib design is included though our unique design
- 9> Tolerance: $< 0.5\text{mm}$
- 10> Machine outer dimension :6830*1200*1200mm

Note :Different design , different features



Finger protection panel roll forming machine

Finger protection panel roll forming machine is consist of obverse panel roll forming machine and reversed panel roll forming machine .

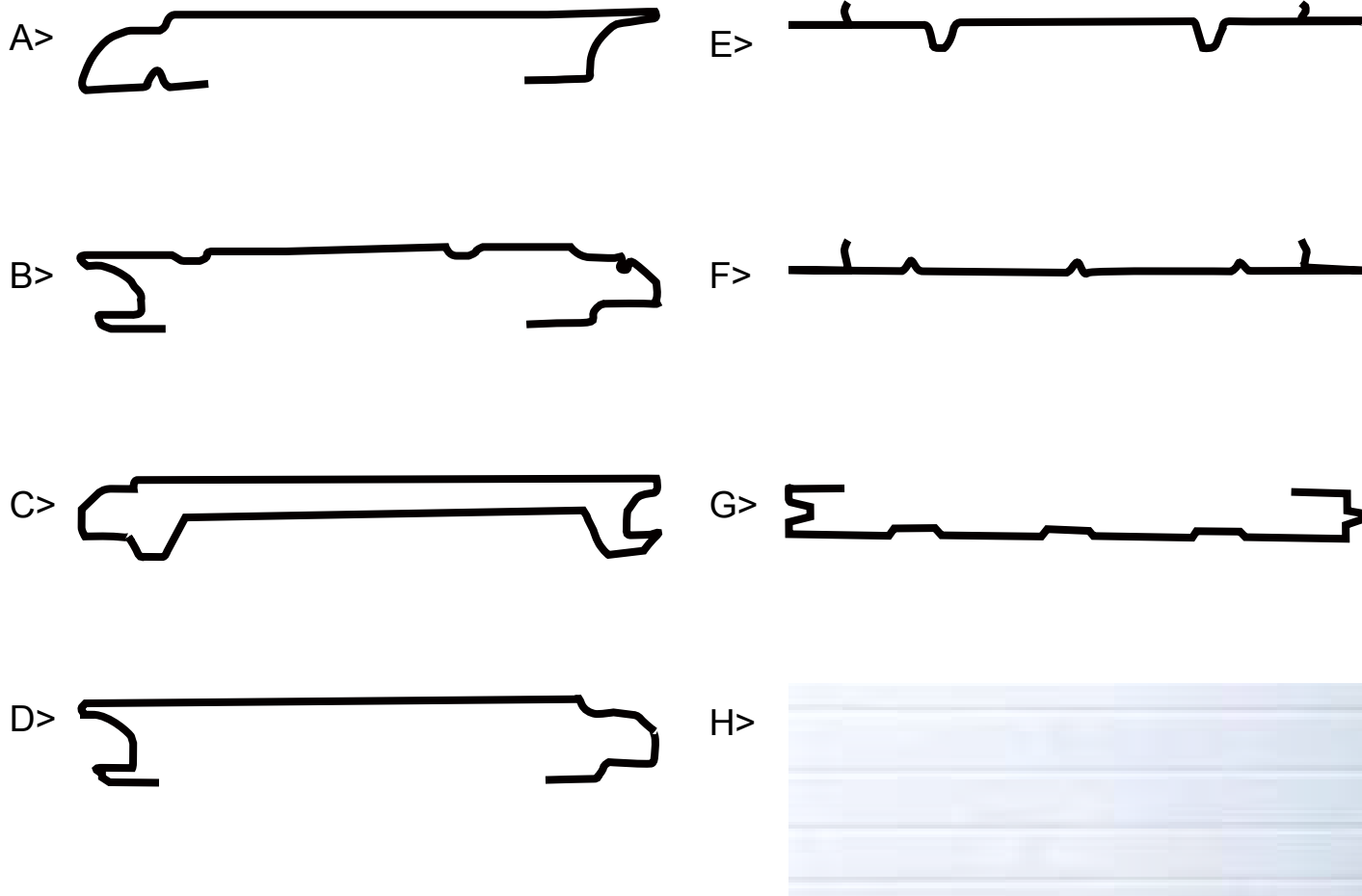
Main features:

- 1> High strong frame with 300H steel
- 2> 26 step high precise roll-forming rollers
- 3> Power of speed regulating motor: 7.5KW
- 4> Power of speed reducer: 350W
- 5> Roller material : 45# steel with chrome plated
- 6> Shaft of roller : 45# steel in $\varnothing 52\text{mm}$
- 7> Panel width: adjustable
- 8> Tolerance: $< 0.5\text{mm}$
- 9> Machine outer dimension :10500*1500*1200mm
- 10> 16 step high precise roll-forming rollers for reversed panel
- 11> Machine outer dimension :4800*1300*1200mm for reversed panel

Note :Different design , different features



The following designs are our partial successful achievement .



Others design are available for us . If you can not find your perference design ,pls. kindly let us Know your ideas , we 'd like to check it with you to meet your demands .

Embossing machine

Wood grain embossing machine

Stipple grain embossing machine

With durable , deep and even grain vision effects , flat sheet without curve and other advantages , Our embossing machine have good reputation from our clients .

The embossing machine is consist of stipple or wooden grain rollers and press machine .

Our machine has larruping Six advantage:

1. Reliable frame without any distortion
2. High loading capacity,jumbo size bearing and accurate position to avoid easy abrasion.
3. Upper/bottom roller is installed on the same position to enable accurate register.
4. Alloy steel adopted to strength its rigidity and toughness
5. Exquisite heating process to make rigidity of roller can reach HRC58-62
6. High-strength wearable gears ensures accurate contraposition for upper/bottom rollers.

Main features:

- 1> Roller size : $\varnothing 300\text{mm} \times 700\text{mm}$ or customization
- 2> Roller material : 45# steel , Chrome plated .
- 3> The 7Cr15 and 9Cr15 material as 2 higher grade options.
- 4> Deep grain vision effect is available by controlling the rollers space.
- 5> Power of motor : 2.2KW



Stipple grain



Wood grain

Hydraulic press

The machine is the answer to get the Raised and field panel effect. Its operation is easy with two -cartridge valve in hydraulic system and a PLC in electric system. Both manual and semi-automatic are available to operate the machine. Meanwhile, the traveling, pressure, speed are adjustable to meet different product technical request. With advantages of high idlespeed and adjustable blank-holding force, it is your ideal equipment to draw the sheet material.

We can provide customization service according to clients' requests including moving working table, blanking buffer mechanism, diffraction grating safety device and so on.

Four-column hydraulic press

Main Feature:

The machines are mainly applied in stretching, curving, flange, bending for thin steel sheet. It can be used to stamp or punch material, correct, press, cold extrusion process etc. It is suitable to get raised and fields panel for sectional overhead door industrial.

Norminal power :350-6300KN

Max. liquid working pressure:25-28Mpa

Slider traveling: 300-1000mm

Slider stroke speed: down:100-200mm/s;

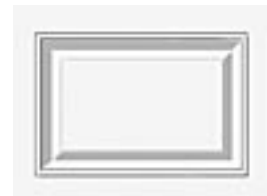
work:18mm/s;up:70-120mm/s

Max. opening: 400-1500mm

Working table size : Length:350-1600mm; Width:300-1600mm;

Motor power:1.5-60KW

Weight:1.5-31.8T



Raised and fields



SECTIONAL DOOR MACHINES

Foaming Table

We custom made the foaming table according to clients' panel and request. Strong frame to keep the machine without any shape-change in transportation .Thicken steel sheet material through milling process to keep the finished panel is complete flat.

Main features:

- 1> High strong frame with 10# H steel
- 2> 16mm thicken steel sheet.
- 3> Rainforce adjustable hinge
- 4> Automatic operation with control box
- 5> Spring assistant operation (options)
- 6> 750W heater (options)
- 7> Panel width, length , thickness: adjustable

Mould of panel :

We use mould to fix the panel when foaming . It is excluded for foaming table . We custom made the mould to meet any different design panel .

Track machines

Track roll-forming machine

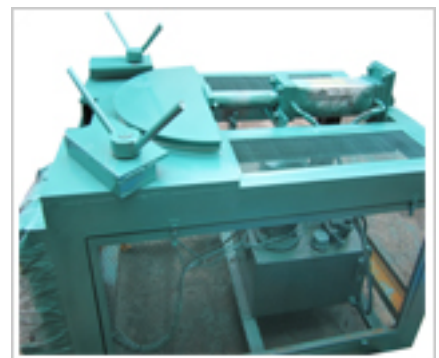
Process steps:

De-coiler—feeder guider— roll forming—saw cut— stacker—Manual package
Hydraulic cut is options.

Main features:

Material thickness:1.2-2.0mm
Material width:90-150mm
Roller steps:14 steps
Power of main motor:5.5KW

Horizontal track machine



Press Brake

Press brake have many wide application in doors and others industriy. In sectional door industry , it is mainly used in the rebate(ladder) panels . In China , It is used to bend the steel sheet into ladder shape by most of small sectional door.

Main features:

- 1> Equipped with top-brand electric control systems and seal systems of oil hydraulic in German.
- 2> Complete steel welded structure, stress elimination by vibration, outstanding mechanical strength and rigidity.
- 3> Hydraulic up-drive with superior stabilization and reliability.
- 4> With mechanical block, torsional axis synchronization and high accuracy.
- 5> The distance of back-gauge, upper slide block distance of travel are adjusted by electrical control, manual tuning and displayed digitally (using German counter).
- 6> Equipped with a deflection compensation device on the upper die .
- 7> Travel limit protection.
- 8> Full machine guarding with safety interlocker.



Rolling door machine

Steel Slat Rolling Forming Machine

Process steps:

De-coiler—feeder guider— roll forming—saw cut— stacker—Manual package
Hydraulic cut is options.

Main features:

Material thickness:0.6-1.2mm
Material width:90-150mm
Roller steps:13 steps
Power of main motor:5.5KW



Steel slat



Compound steel fire slat

We supply quality rolling machine for following slat designs . Meanwhile , we can custom made according to clients' request such as guide track , bottom slat etc.



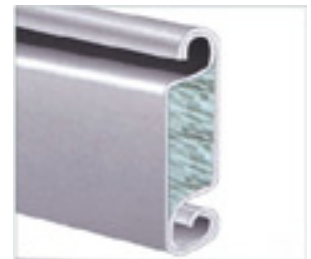
90mm



80mm



76mm



74mm



67mm



70mm



74mm

Rolling door machine

Foam filled Slat Roll- Forming Machine

Process steps:

Double head decoiler—feeder guider— roll forming —PU injection —Punching—Pneumatic flying saw cut— stacker—Manual package.

Main sections:

Decoiler
Feeder guider
Roll-forming main machine
Polyurethane pouring machine
Pneumatic flying saw
Pneumatic punching unit(ventilation)
Double head stacker
PLC control system



Main features:

Material thickness:0.3-0.5mm
Material width:117-310mm
Roller steps:41 steps
Power of main motor:11KW
Roller steps: Low pressure quality PU pouring machine

We supply quality foam filled slat roll-forming machines for following slat designs . Meanwhile , we custom made according to clients' request .



37mm



42mm



55mm



77mm



95mm

Shutter Box Roll-Forming Machine

Process steps:

Double head decoiler—feeder guider— roll forming — flying saw cut— stacker

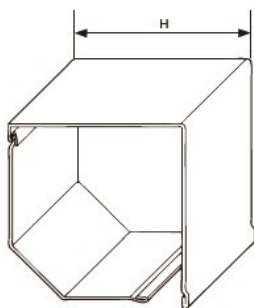
Main features:

Material thickness:0.8-0.9mm

Material width:150-305mm

Roller steps:16steps

Power of main motor:5.5KW



H: 137/165/180/205/250/300



Octagonal Pipe Roll-Forming Machine

Process steps:

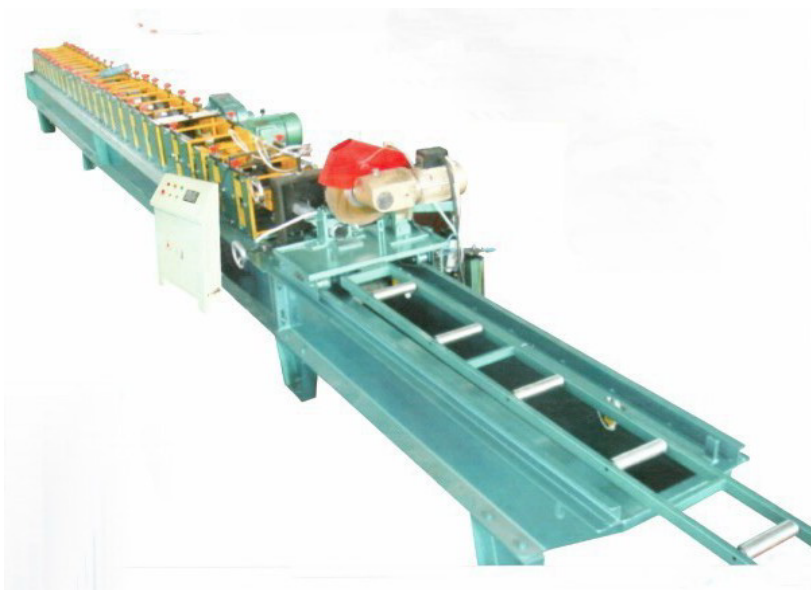
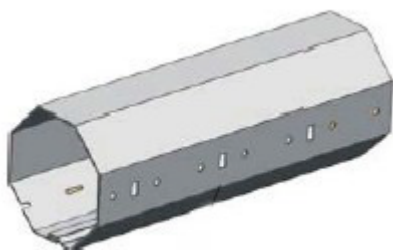
Double head decoiler— Automatic punch —feeder guider— roll forming — flying saw cut— stacker

Main features:

Material thickness:0.4-1.2mm

Roller steps:20steps

Power of main motor:7.5KW



Security door machine

Door leaf embossing Machine

Process steps:

De-coiler—feeder guider— embossing— stacker.

Main features:

Roll diameter: 400mm

Material thickness :0.3-0.8mm

Material width:600-800mm

Power of main motor: 5.5KW



Door frame Roll-forming Machine

Process steps:

De-coiler—feeder guider— roll-forming — stacker—Manual package.

Hydraulic cut is options.

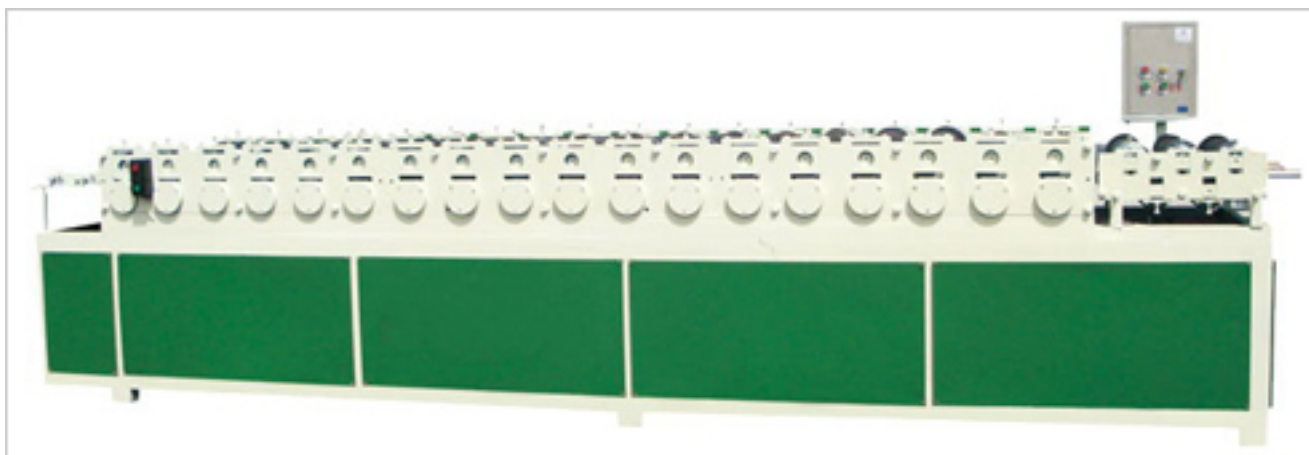
Main features:

Material thickness:0.8-1.2mm

Material width:178-203mm

Roller steps:20 steps

Power of main motor:15KW

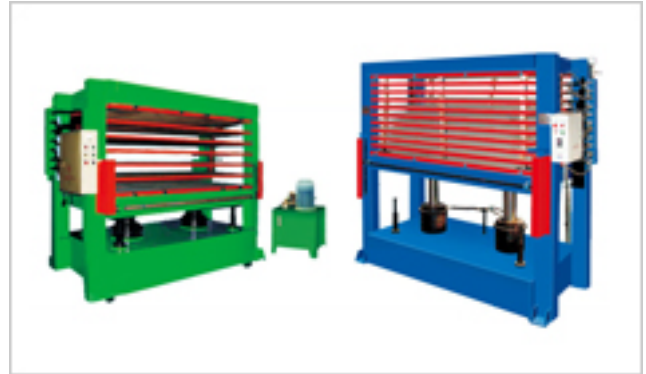


Security door machine

Door leaf liminating Machine

Main features:

Press size :2200*1000*40mm
 Limination space: 110mm
 Work pressure:5-8T
 Hydraulic system pressure :30Kg/cm2
 Press temperature:85℃
 Cycle work time:15-30min.
 Conduction material : Water /vapor/oil



Press Machine

Main features:

Norminal capacity:160-1250KN
 Norminal stroke:3.7-10mm
 Max. shut height:250-470mm
 Shutter height adjustment:45-100mm
 Table size : Length:480-1080mm; Width:330-710mm
 Table hole size: Length:240-500mm; Width :160-350mm
 Diameter:210-425mm
 Bolster thickness:40-100mm
 Shank hole size: Diameter:40-60mm; Depth:60-75mm
 Slider bottom size: Length:220-430mm; Width:180-370mm
 Distance of columns:220-530mm
 Max. inclination of frame:15-20 °
 Motor power: 1.5-11KW
 Air pressure:0.55Mpa
 Weight:1200-10800Kg





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