



MANUFACTURER & EXPORTER  
**Chenfeng**

**HOFFMAN  
BROTHERS**

5290 NORTH PEARL STREET  
ROSEMONT, ILL. 60018  
PHONE: 800-323-9120

**CF-550** 精密油壓自動送料裁斷機  
PRECISELY HYDRAULIC CUTTING PRESS  
WITH AUTOMATIC FEEDER



### 主要特點：

本機系採用高張力特殊鋼材，鋼性特佳。機台結構永不變形，使用壽命長。適用於大平面、大出力之裁斷作業，如拼圖、地毯、真空成型、免洗餐具、木板、文具、EVA材料、皮包等各種特殊裁斷。

1. 油壓迴路經精心設計，裁斷動作敏捷快速，平穩無噪音，可達到最佳的生產效果。
2. 機台裁斷面，於斬板固定面設有自動位移裝置，每次完成裁斷動作後，可自動迴轉位移，以延長斬板及裁刀之壽命。
3. 裁斷設定採接點式壓力計，設定快速、精確。如採用上、下雙模裁刀時，壓座可緩慢下降，方便調整與校正。
4. 送料系統可自動完成進料、裁斷、送料等連續動作。省時、省力、易操作。
5. 送料系統採用液壓擺臂機構，前後定位準確，且可依據客戶需求調整快慢，動作迅速、平穩無躁音，是改善工作品質及效率的最佳選擇。
6. 本機可加裝前、後自動送料裝置，裁斷力可個別設定，以方便不同裁刀作業，增加機械稼動力，一台可抵兩台用。

### Features:

The structure of whole machine is with high-tension steel that will not be altered after a long-term operation. This machine is suitable for the cutting work needs a big cutting area and great force, such as jigsaw puzzle, carpet, vacuum forming products, plastic dinner set, stationery, suitcase, wooden boards, leather and EVA materials.

1. A circumspect designed hydraulic circuit ensures a rapid, stable and silent cutting work. It can produce the best productive effect.
2. The machine is equipped with the mechanism of cutting plate automatic movement which will rotary move automatically after cutting so as to prolong life of cutting plate.
3. The touch-type pressure gauge makes the cutting setting rapidly and precisely. The upper beam will be slowly down to provide a convenient adjustment and calibration when using double-face cutter.
4. The feeding system will finish the continuous work from proceeding, cutting and feeding automatically which saves working time, labor cost and easy to operate.
5. The structure of feeding system is swing-link driving by hydraulic power. It can make the fixing accurately in the front and back and adjust the speed according to customer's request. The rapid, stable and silent working upgrades the working quality and efficiency.
6. It's available to equip the front/rear feeder with different cutting force settled which makes the cutting work for different dies convenient so as to increase the working capacity.



### 搖臂式自動送料系統

採油壓缸驅動及雙曲臂式設計，定位準確，加減速動作可發揮到最大機械功能，動作平穩、快速。滑輪式支撐可將推力減至最低，減少能源及機械磨耗。

### Swing-arm auto feeding system

The feeding system is with double link and driving by hydraulic cylinder which makes the fixing accurately and the speed up and down to the maximum mechanical functions. The roller supporting can have the pushing power down to the lowest level to decrease the exhaustion of energy and machine body.

### 斬板位移機構

可於控制面板上選擇是否啓動。斬板位移長度可於油壓缸上調整，且採用不對稱齒棘輪，重複機率低，對延長斬板及裁刀的壽命，最具成效。

### The moving structure of cutting plate

It is selected on and off on the electricity control box. The moving distance of cutting plate is adjusted by the cylinder. The unsymmetrical-ratchet design lower the duplication which helps to prolong the life of cutting plate and cutting dies.



### 操作說明書，隨機械附送

The operation manual is sent with machine.

型 式	Model	CF-550A	CF-550A-1
最大壓力	Cutting force	180 Tons	180 Tons
裁斷壓頭	Cutting head(LxW)	1500x800 mm	1700x1100mm
裁斷壓座	Cutting Pad(LxW)	1500x800 mm	1700x1100mm
衝程	Stroke	220mm	220mm
馬力	Horse power	7.5hp	7.5hp
淨重	N.W.	5150 kg	5850kgs
毛重	G.W.	5500Kg	6250kgs
機械尺寸	Dimension of machine(LxWxH)	2300x950x2100mm	2530x1250x2100mm
送料架尺寸	Dimension of feeder(LxWxH)	1750x950x1180mm	1950x950x1480mm
包裝尺寸	Packing size(LxWxH)	2450x1150x2350mm	2700x1400x2350mm
液壓油量	Hydraulic oil	540liters	570liters

本公司保有隨時變更設計之權力，不另通知。

The description and features mentioned on the catalogues are binding any change maybe made without notice.



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Agent / Distributor:



# Chenfeng

HYDRAULIC CUTTING MACHINE

MANUFACTURER & EXPORTER

**CF-558**

4 COLUMN, FIXED HEAD HYDRAULIC  
CUTTING PRESS

**HOFFMAN  
BROTHERS**



5290 NORTH PEARL STREET  
ROSEMONT, ILL. 60018  
PHONE: 800-323-9120



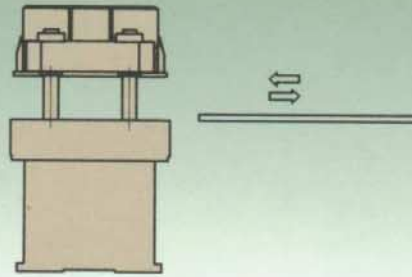
## APPLICATION

The machine is suitable for cutting the materials such as leather, plastics, rubber, asbestos, synthetic materials, vacuum forming products, wooden boards, cardboards, thin steel, etc.. It could be applied to diversified business fields of shoe making, garment, packing, jigsaw puzzle, paper products, plastics & rubber, wooden products and so on. Especially while the cutting work needs a big cutting area and great force, the machine can provide great output of cutting force and afford to cut bigger desired areas, and ensure excellent cutting accuracy and action.

## MAIN FEATURES

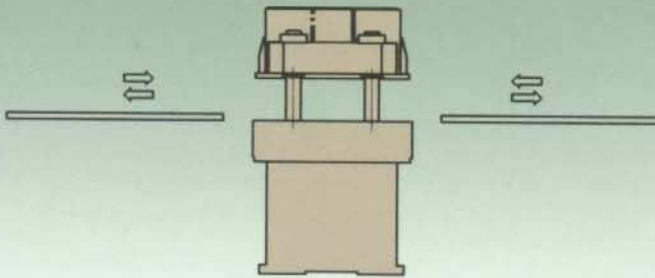
1. The machine is controlled by hydraulic logic valve so that it can cut very precisely to ensure cutting quality, and its low noise makes the working environment more comfortable.
2. The design of all-around safety protection can avoid accidents of operators, maintain mechanical functions and lengthen life of machines.
3. The design of 4-column mechanism can effectively ensure the accuracy of the machine and provide an excellent plane, which produces effective and even cutting effect. Moreover, the steel quality of the whole machine is very good, which ensures no deformation happened.
4. The adjustable upper sliding beam can be applied to many different special materials and accordingly enlarge the mechanically applicable fields. It can be freely adjusted according to different height of die and kinds of materials so that it makes investment effective and creates profits.
5. Screen digital control system is easy to learn and to operate. The parameter can be reset at any time easily.
6. The adoption of PLC control system is easy to maintain and ensures low failure rate.
7. Through the analysis of CAE, the structure of whole machine is strong enough for heavy duty cutting work.
8. Various feeding systems are available for customers' choices to meet their requests.
9. According to customers' demands, the devices of die fixing and cutting board oscillation can be optionally equipped, which makes the machine more automatic in order to save labor cost and upgrades work efficiency. It can also make the cutting quality more uniform and working level higher and lead to complete automatic operation.

# MATERIAL FEED SYSTEM



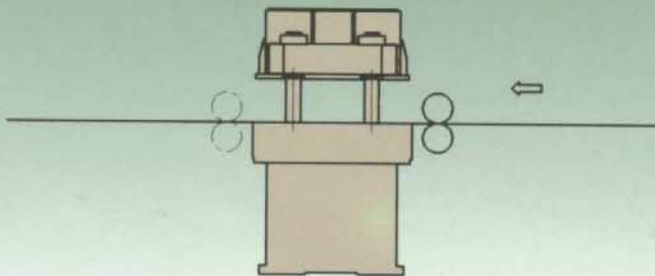
A. MANUAL FEEDING SYSTEM

B. AUTO. FEEDING SYSTEM

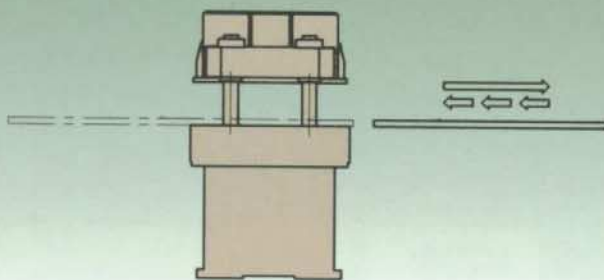


C. TWO-WAY MANUAL FEEDING SYSTEM

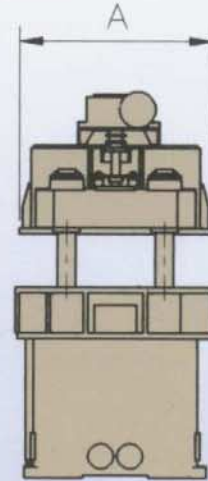
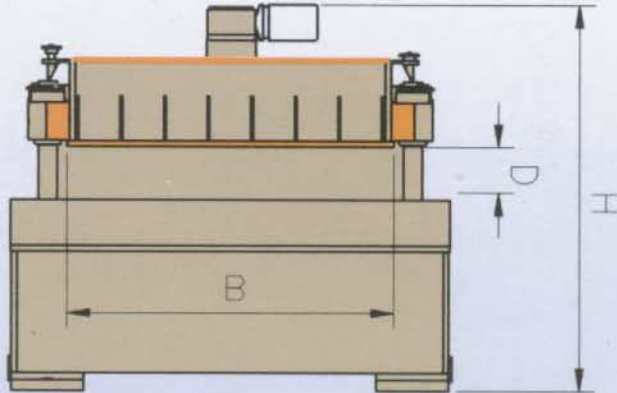
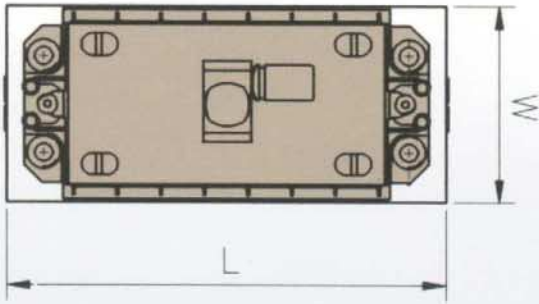
D. TWO-WAY AUTO. FEEDING SYSTEM



E. ROLLER TYPE AUTO. FEEDING SYSTEM



F. INTERMITTENT AUTO. FEEDING SYSTEM



MODEL	CF-558-100T	
CUTTING FORCE U.S. TONS		110
MAX. CUTTING AREA(A X B)	inch	41.7 x 70.8
STROKE	inch	0.8-5.1
ADJUSTABLE DAYLIGHT D	inch	2-11.8
CUTTING OF STROKE UP/DOWN	inch/sec	3.5/3.9
DIMENSION (L X W X H)	inch	98.4 x 43.3 x 86.6
MOTOR	HP	20
NET WEIGHT	lbs	17600

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AGENT:

Blank area for agent information.