



**DFC**

MACHINERY

**2018**

[www.dfcmakine.com](http://www.dfcmakine.com)

# DFC

## MACHINERY

2003 yılında faaliyete başlayan firmamız uzun yıllar otomotiv yedek parça sanayi, özel makine tasarım ve imalatı üzerine çalışmıştır. Şu anda plastik makineleri ve havalandırma makinelerinde ise Türkiye'nin önde gelen firmalarından biri olma yolunda ilerlemektedir. Kalitesi ve işine verdiği önemle hızla büyümeye devam etmektedir.

DFC Makine ve Mühendisliğin ürettiği makine ve yedek parçaları üretimden önce uzun bir Ar-Ge çalışması ve mühendislik hesaplarından sonra üretimini gerçekleştirir. Elde ettiğimiz analiz raporlarına göre uzun yıllar sorunsuz olarak çalıştırabileceğiniz makinelerimizle müşterilerimizin bütün ihtiyaçlarına cevap verebilir duruma gelmiş bulunmaktayız.

Firmamız işletmeleriniz için çözüm ortaklığına her zaman hazırdır.

Our company started operations in 2003, the automotive spare parts industry for many years, he worked on the design and manufacture of special machines. In Currently, plastic machines, and air conditioning machinery is moving towards becoming one of the leading companies in Turkey. the importance given to quality and business continues to grow rapidly.

DFC produced by the Engineering and Machinery and machine parts before production after a long R & D work in its own manufacturing and engineering calculations. According to the analysis report for many years we have achieved our machine can run smoothly with our customers, we have come to be responsive to all the requirements.

Our company is always ready for a partnership for your business.



# VENTILATION MACHINERY



**SPIRAL TUBE MACHINE**



**PLASMA MACHINE**



**ELBOW MACHINE**



**ROLL CARRIER**



**SHEET FEEDER**



**SQUARE DUCT MACHINE**



**GASKET SHAPER**



**DUCT SEAMING MACHINE**

# PLASTIC MACHINERY



**PLASTIC EXTRUDERS**



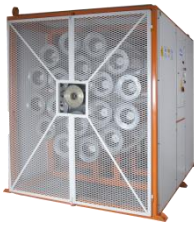
**HAUL OFF MACHINES**



**GRANULE EXTRUDERS**



**WINDING MACHINES**



**HOSE BRAIDING**



**VACUUM TANKS**



# SPIRAL TUBE MACHINE



Fully automatic control system through PLC touchscreen  
Easy set-up and simplicity provides convenience to operator  
Burr-free cutting system in high speed Capable of producing air tube that required diameter from 100 mm to 1250 mm Capable of cutting metal sheet which are galvanised, black dkp, aluminium and chromium nickel from 137 mm width and 0,5 – 1,2 mm thickness Total Motor Power: 10,5 Kw  
Automatic cutting feature between 250 mm – 6000 mm  
Forming sheet metal and lubricating of forming cylinders automatically Lubricating with volatile oil that does not make stain during the forming and cutting of sheet metal  
Rollforming, Twist Moulds, Cutting edge; 2379 cold set steel used which is resistant for high abrasion and high pressure. 25 standart moulds  
Mould dimensions:  
ø100, ø 125, ø 150, ø 160, ø 180, ø 200, ø 224, ø 250, ø 280, ø 300, ø 315, ø 335, ø 400, ø 450, ø 500, ø 560, ø 600, ø 630, ø 710, ø 800, ø 900, ø 1000, ø 1120, ø 1250,  
Tube Production Speed:  
ø 100 – 14 met/min, ø500 – 2,8 met/min, ø1000 – 1,4 met/min, ø1250 – 1,2 met/min

Diameter range	100-1250 mm
Product lenght	250-6000 mm
Metal sheet width	137 mm
Metal sheet thickness (galvanised)	0.5-1.2mm
Metal sheet thickness	0.4-0.6mm
Power features	380-400 volt 50/60hz
Total motor power	10,5 kw
Required air pressure	6-8 bar
Required air flow	6lt/dk
Machine weight	1750 kg
Angle adjustment	Automatic
Roll uncoiler capacity	750kg
Production speed ø100	14mt/dk
Production speed ø500	7mt/dk
Production speed ø1000	1.4mt/dk
Production speed ø1250	1.2mt/dk

**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# PLASMA MACHINE



Cutting Range 3200 x 1700  
Burr-free and smooth cutting feature between 0,2 - 10 mm thickness  
All movement units have linear slide system  
Smoke free cutting system by help of specially mounted fan  
Feature that Works with DXF and NC set way files  
Automatic torque height control  
High mechanical precision: + 0,1 mm  
Axis positioning speed: 30 met/min  
Automatic NESTING software package  
Windows based CNC unit  
In ventilation field; special program for preparing cutting files of all parts  
Fast and precise positioning through AC servo motors  
Y axis: Synchronous double servo driven  
X axis: single servo driven  
High-tech plasma transformer that ensures extremely precise cutting and high speed cut-off  
Spare parts have 2 years warranty except user error



## DFC MAKİNE MÜHENDİSLİK LTD.

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# ROUND ELBOW MACHINE



Diameter Range	125 mm - 1250
Sheet Metal Thickness	0.5-1.2 mm (Galvanised and Aluminium)
Sheet Metal Thickness	0.5-1.2 mm (Chromium - Nickel)

All cylinder are driven, high quality hydraulic component, Two can work in one machine at the same time with seaming and seam closing. 2379 cold set steel used which is resistant for high abrasion and high pressure. 50.000 hours abrasion – proofing except user error. The machine has installation, start-up, and on site service.

**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# ROLL CARRIER



It is used carrying sheet metal until 5000 kg and feeding plasma machine with sheet metal easily.

1500 mm length sheet metal

5000 kg sheetmetal carrying capacity

3 arms tightened from center



**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# PLASMA SHEET FEEDER



In plasma machines, helps to convey the sheet metal as much as you need to the plasma bench without depending layer sheet. Reduce the losses least.

**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)





# SQUARE DUCT MACHINE



Square Duct Machine works 0,4 – 1,25 galvanised sheet metal and 0,4 – 0,8 chromium nickel thickness. The product dimension adjusted through operator panel and manufactured with high precision. You can manufacture square duct by help of powerful feeding motor and precise automation panel. 3 Roll carriers which is given with the machine helps the use needed roll. Line pattern, trapez pattern and a needed mark pattern is available.



# DUCT SEAMING MACHINE



It is used to seaming square and rectangular duct after bending and twisting them. It is manufactured from high quality steel. Forming cylinders can be used with the features of precise and easy operating method for years.

**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)

# GASKET SHAPER MACHINE



Our full automatic machine used sealing with gasket for your collar and similar products which their diameters between 125 mm to 1250 mm. It has fully automatic control system by PLC touchscreen. It has automatic sealing system by entering diameter and material thickness on the touchscreen without needing operator. The machine has high quality hydraulic component and high precision that provides long lasting usage without having any issue.

**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# 60MM EXTRUDER MACHINE



## 60mm extruder specifications

18.5kw main motor,  
60mm diameter 30D screw sleeve,  
22kw driver,  
3x5000kw airblowed ceramic resistance,  
Head resistance, mold resistance,  
Heated Storage,  
90 kg per hour row material capacity,  
Closed body, Static owened paint.

**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# 70MM EXTRUDER MACHINE



## 70mm extruder specifications

22kw main motor,  
70mm diameter 30D screw sleeve,  
22kw driver,  
4x5500kw airblowed ceramic resistance,  
Head resistance, mold resistance,  
Heated Storage,  
120 kg per hour row material capacity,  
Closed body, Static owened paint.

**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# 80MM EXTRUDER MACHINE



## 80mm extruder specifications

30kw main motor,  
80mm diameter 30D screw sleeve,  
30kw ABB driver, ABB breakers and contactors,  
5x5500kw airblowed ceramic resistance,  
Head resistance, mold resistance,  
Heated Storage,  
Digital Temperature Displays,  
Static owned paint.

**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# 90MM EXTRUDER MACHINE



## 90mm extruder specifications

45kw main motor,  
90mm diameter 30D screw sleeve,  
45kw ABB driver, ABB breakers and contactors,  
4x6000kw airblowed ceramic resistance,  
Head resistance, mold resistance,  
Vacuumed and Heated Storage,  
160-200 kg/hr Production Capacity,  
Closed Body and Static owned paint.

**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# 90MM GRANULE MACHINE



## Diameter 90 Granule Machine

1. Diameter 90mm screw-sleeve. Screw 8550 Nitration Steel, Sleeve 4140 materials.
2. 45 kw gamak brand motor ve Yilmaz brand reductor is used.
3. 5 x Ceramic 6000watt 5 resistance and 2 x head resistance is used. There are 7 heat sections.
4. Screw-sleeve for the polythene material has 150-180 Kg/hr capacity
5. Granule Cutting System at the head.
6. 3x High pressure Cooling unit at the head.
7. 2x Granule Storage and 2x Carrier Blower.
8. Full Automated system with touch sens Control Panel.
9. 2 Years guaranty except user faults. Electrical parts and electronics have own guaranties.

## DFC MAKİNE MÜHENDİSLİK LTD.

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# PALLET HAUL OFF MACHINE



## GENERAL DATA

Pallet Pullers are one of the most important parts of the Hose and Tube lines. The puller must have the high sensitive stability and speed. The scale changes must be zero. We have high sensitive rubber pullers for long life. We use sensitive bedding and strong body to avoid the vibrations on the pullers.

## SPECIFICATION

Pallet Wide	140-280mm
Pallet Length	1000-1500mm
Center Height	800-1250mm adjustabe
Pulling Capacity	10-150mm
Working speed	0-1750metre/saat
Motor Power	2,2kwx 2 pcs

## DFC MAKİNE MÜHENDİSLİK LTD.

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)





# BAND HAUL OFF MACHINE



## GENERAL DATA

Band Pullers are one of the most important parts of hose Pipe and Profile lines. Band Pullers must have high sensitivity and stable speeds. Scale changes must be zero for the production. We use silicon bands for sensitivity and long life. Vibrations are very important problem. We use high sensitive beds and strong bodies to avoid the vibrations. Band pullers have long life with quality materials and labour.

## SPECIFICATION

	DFC-300BNT	DFC-500BNT	DFC-750BNT	DFC-1000BNT	DFC-1500BNT
Band Length	300 mm	500 mm	750 mm	1000 mm	1500 mm
Band Wide	80 mm	100 mm	120 mm	150 mm	150 mm
Number of Motors	1	1	2	2	2
Motor Power	0,75 kW	1,5 kW	2x1,1 kW	2x1,5 kW	2x2,2 kW
Capacity	2000 m/hr	2000 m/hr	2000 m/hr	2000 m/hr	2000 m/hr
Metric Measurement	present	present	present	present	present

## DFC MAKİNE MÜHENDİSLİK LTD.

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)




# AUTO WINDING MACHINE



## GENERAL DATA

Full automatic winding machine can adjust its own speed according to the line speed. The machine can adjust the stretcher according to the diameter. Correct winding is provided by adjustable walker unit.

## SPECIFICATION

Pipe Diameter	2-50mm
Winding internal Diameter	300-600mm adjustable
Winding external Diameter	600-1200mm adjustable
Winding Wide	0-450mm adjustable
Walker Unit	Adjustable Automatic 
Speed Control	Automatic Speed according to the line speed.
Pipe Puller Power	Automatic Torque Adjustment According to the Diameter.
Motor Power	1,1 kw 2 pcs

## DFC MAKİNE MÜHENDİSLİK LTD.

Astım Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# HOSE BRAIDING MACHINE



## GENERAL DATA

- 350/500 rpm turning speed
- 32/36 knit bucket
- 2x1,5 /7,5 kw motor power.
- Fast breaking with pneumatic system.
- Weaves up to 2" knit diameter

**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# EXTRUDER MOLDS/HEADS



## GENERAL DATA

Heads are designed for material types and the machine capacity. Well designed and having high smoothness heads provide easy flow of the materials to avoid the over load of the motor current by some resistance.

## DFC MAKİNE MÜHENDİSLİK LTD.

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# HOSE WINDING MACHINE



## GENERAL DATA

This machine option is for the reliable solutions on Non-Automatic Lines for blowing the hoses, melting the lips and bonding by pneumatic press up to 125 mt/min. It is available for the internal diameter between 250mm-500mm and external diameter up to 900mm and wide 100-450mm.

## DFC MAKİNE MÜHENDİSLİK LTD.

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# PLASTIC GRINDER MACHINE



## GENERAL DATA

Micronize machine is used to convert the row materials to the powder types for the using in the plastic sector, profiles, pipes, extruder materials, films, granules, rubbers, foods, chemistery and drugs. The machine mills the 6-8 mm chip off materials to very fine form.



**DFC MAKİNE MÜHENDİSLİK LTD.**

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# COOLING TANKS/POOLS



## GENERAL DATA

Our pools are designed for homogeneous and required cooling the producing materials. Stainless steel used for the pools to provide long life time. There are several types of pools as vacuumed, un-vacuumed, caliber table. Vacuumed pools are excited, forward and rewind motioned and adjustable height products which have the fountain for cooling the material homogeneous. Special designed pools have special covers and the gaskets to keep the pressure without any losses. Open cooling pools may be needed after the vacuumed pools. The caliber tables have collector systems, vacuum systems and 6-axe movement ability.

## SPECIFICATION

	GALVANIZED	CHROME
2 MT	+	+
4 MT	+	+
6 MT	+	+

## DFC MAKİNE MÜHENDİSLİK LTD.

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)



# HOSE HAUL OFF MACHHINE



## GENERAL DATA

Rubber coated two cylanders pull the hose with no-track and no-destroy.

## SPECIFICATION

Power	1,5 kW
Electricity	380v/3ph 50/60 hz
Pulling Speed	0-1500metre/saat
Pulling Capacity	2" hose diameter

## DFC MAKİNE MÜHENDİSLİK LTD.

Astim Sanayi Sitesi. Fevzi Çakmak Mah. 10753 Sokak No: 20/b Karatay / KONYA/ Turkey

Phone: +90-543-928-4052 / +90-332-245-2555 Fax: +90-332-342-1599

E-mail: [sales@dfcmakine.com](mailto:sales@dfcmakine.com) Web: [www.dfcmakine.com](http://www.dfcmakine.com)





# VACUUM TANKS/POOLS



## GENERAL DATA

Our pools are designed for homogeneous and required cooling the producing materials. Stainless steel used for the pools to provide long life time. There are several types of pools as vacuumed, un-vacuumed, caliber table. Vacuumed pools are excited, forward and rewind motioned and adjustable height products which have the fountain for cooling the material homogeneous. Special designed pools have special covers and the gaskets to keep the pressure without any losses. Open cooling pools may be needed after the vacuumed pools. The caliber tables have collector systems, vacuum systems and 6-axe movement ability.


## SPECIFICATION

Model	Pipe Diameter (mm) min/max	Pool Length (mm)	Water Pump Capacity (m <sup>3</sup> /hr)	Fountain Water Pump (kW)	Vacuum Pump (kW)	Fountain (pieces)
HVH 75	16-50	4000/6000	25	5,5	^	100-180
HVH 125	32-125	6000/9000	35	5,5	4	128-200
HVH 250	50-250	6000/9000	35	7,5	5,5	165-250
HVH 315	90-315	6000/9000	45	7,5	7,5	190-290
HVH 400	90-400	6000/9000	45	7,5	7,5	190-300
HVH 75	16-50	4000/6000	25	5,5	3	100-180
HVH 125	32-125	6000/9000	35	5,5	4	128-200
HVH 250	50-250	6000/9000	35	7,5	5,5	165-250
HVH 315	90-315	6000/9000	45	7,5	7,5	190-290
HVH 400	90-400	6000/9000	45	7,5	7,5	190-300

# DFC

MACHINERY

[www.dfcmakine.com](http://www.dfcmakine.com)

 Astim Sanayi Sitesi  
Fevzi Çakmak Mah. 10753 Sokak No: 20/B  
Karatay / KONYA / TÜRKİYE

 T. 0332 245 25 55

 F. 0332 342 15 99

 [info@dfcmakine.com](mailto:info@dfcmakine.com)

