



DIFERRO
CALENDERS



ALL SERIES PRODUCT CATALOGUE

HEAT TRANSFER & TEXTILE MACHINERY

diferrocalenders.com

ABOUT US

You've probably heard about us but who we are anyway?

Diferro revealed itself first in 1985 under the name "SECKIN UTU*" Which provided its customers with transfer presses, steam boilers and flat irons.

Later on in 2009 It went through a transformation and branded Diferro as known worldwide. in order to bring innovation and efficiency to textile production stage with professional and user-friendly machines.

Having built a reputation based on trust, high quality and on-time delivery Diferro proudly displays its models both in international exhibitions worldwide and domestic exhibitions.

While our CE & ISO 9001 certified products ensure high quality as well as environmental safety, Diferro exports to dozens of countries with a wide range of transfer printing machines.

Our organization takes pride in its crew as it combines dynamism, experience and energy under one roof.

Ever since it was first founded, Diferro continues to grow exponentially. Currently leading the domestic market with state of the art technology transfer printing machines while aiming to become one of the top brands in the world and secure its position with increasing number of exclusive distributors from all over world.

Calendar Series

DL SERIES

Piece & Roll to Roll Transfer Printing Machine

8-11

MP SERIES

Piece & Roll to Roll Transfer Printing Machine

12-17

DP SERIES

Piece & Roll to Roll Transfer Printing Machine

18-23

DM SERIES

Roll to Roll Transfer Printing Machine

24-29

DF SERIES

Film Lamination Machine

30-35

DE SERIES

Roll to Roll Embossing Machine

36-40

DR SERIES

Ribon Transfer Machine

41-46

DX SERIES

Fabric Dye Fixation Machine

47-50

Heat Press Series

COBRA SERIES

Roll to Roll Transfer Printing Machine

56-57

DYNAMIC SERIES

Roll to Roll Transfer Printing Machine

58-59

PUFFY SERIES

Roll to Roll Transfer Printing Machine

60-61

TRAY SERIES

Roll to Roll Transfer Printing Machine

62-63

WHY DIFERRO?

Evaluating ourselves according to the feedbacks that you have given us and with this perception, we are seeking your synergy. So, producing not excuse but solutions. We are all aware that the mission we embarked upon is more complex and difficult than expected. We are focusing more on solution, instead of trying to find excuses, to problems that we encountered.



We are world's leading company in on time delivery.



%15 annual growth ratio carries us to the top step by step.



We manufacture an estimated number of 100 calendar presses and 200 heat press machines annually.



We provide customized solutions for all sorts of businesses.

OUR VISION

To make sure our trade is beneficial to customers and countries economical structure, both with our design and applications.

To improve our share in the international market.

To provide increase production rate, low cost and low energy consuming machines.

To plan and apply necessary actions in order to fulfill our objective of high productivity.

To become one of the pioneer companies in the industry with our "satisfied clients at all times" attitude.

QUALITY POLICY

According to vision of Diferro Calenders, we develop and manufacture reliable products by using the supreme technology and provide after-sales services. Diferro Calenders quality policy is based on customer satisfaction. Main purpose of the company is to provide products and projects according to company's international standards, technical conditions and customer demands. To keep the customer satisfaction lasting, assessment and evaluation of customers' demands are being shared with our employees.

'Happiness of employees' is the most important condition to ensure customer satisfaction in Diferro Calenders. Decisions are taken as per basis of 'participation' and taking the opinions of related employees. Our target is to create a working environment which makes employees happy and proud. Responsibility is individual but we encourage teamwork and the success of team is more important than individual success.

In light of all; every single employee, who works under the roof of Diferro Calenders, acknowledges that Diferro Calenders quality, which is the most valuable thing we can offer to our customers, with our motto 'to be one step ahead'.



SUPPLIERS



Diferro offers a wide range of sublimation calender series starting from small size businesses to a large scale of mass production sublimation production shops. Starting from 200mm diameter drum sizes and going up to 1000mm diameters, Diferro is offering heat transfer machinery solutions for different size of companies.

Discover our range of sublimation transfer printing calenders.

Roll to piece, roll to roll, piece & roll to roll transfer printing machines are here to upscale and improve your digital printing game while also being effective and on an affordable price.





CA LEN DER SERIES



DL SERIES

Entry Level Piece & Roll to Roll Transfer Printing Machine

MACHINE INFORMATION

DL Series has been designed and developed for small/entry level production shops who want to start sublimation and looking for a compact, low energy consuming, and affordable machine. It features a 200mm main drum size and comes with 1300mm & 1700mm width options. This machine doesn't require any compressed air and only works with electric power. Can be also used by big scale companies as a calender for sample printing. Mainly used for jersey printing & sportswear applications.

OPERATION TYPES

Digital Paper Roll to Piece Fabric
Digital Paper Roll to Roll Fabric
Digital Paper Pieces to Piece Fabric

WIDTH OPTIONS

DL-13B200C (1300mm width)
DL-17B200C (1700mm width)

ADVANTAGES



No compressed air needed.



Works only with electricity.



Small and compact machine.
Doesn't take up too much space.



MAIN DRUM CHARACTERISTICS

The drum is made of ST44 drawn steel pipe and all standard models are finished with surface grinding. On request the drum surface can also be plated with either chrome or Teflon. Inside the drum is an infrared heating element that operates without the use of any oil. The heat sensor is placed on the surface of the drum, this enables more accurate readings and provides better print results



FELT BELT CHARACTERISTICS

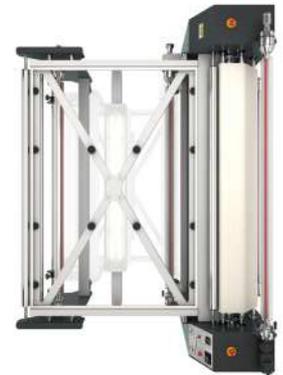
All of our machines are equipped with 100% Nomex seamless industrial felt belts that are reinforced with Kevlar material in order to avoid stretching. The expected lifetime for the belt on this unit is between 1 & 4 years depending on use. In order to eliminate movement of the felt belt to either side, the machine is equipped with a shaft and limitation ring which restricts left to right felt movement and doesn't require an air compressor for operation.

DL SERIES



CONTROL PANEL FUNCTIONS

- Speed, temperature adjustments
- Meter counter
- Auto cooling system
- Malfunction alarm feature



MATERIAL INPUT & OUTPUT CONTROLS

Protection Paper

Input : Manual break system
Output : Manually adjustable automatic rewind

Digital Paper

Input : Manual break system
Output : Manually adjustable automatic rewind

Roll Fabric

Input : Manually adjusted fabric tension system
Output : Manually adjustable automatic rewind

Piece Fabric

Input : Manual lay-up on table
Output : Pot. controlled off the protection paper

TECHNICAL SPECIFICATIONS

Heating System	: Heat Transfer Oil
Max. Temperature	: 220°C
Average Heating Time	: 35 min.
Average Cooling Time	: 60-90 min.
Power Supply	: 380VAC - 3Ph 50/60 Hz.
Air Intake (Bar)	: None
Electrical System	: Automatic Drive System
Felt Tension System	: Manual
Felt Control System	: Automatic AC Motor Control
Drive Speed Control	: AC Inverter
Paper Unwind - Rewind	: Shaft
Weekly Programming	: No
Automatic Shutdown	: Yes (Automatic Cooling)
Safety	: 2 Emergency Buttons + Wire
Software Language	: None
Warranty	: 1 Year (Mechanical and Electrical)

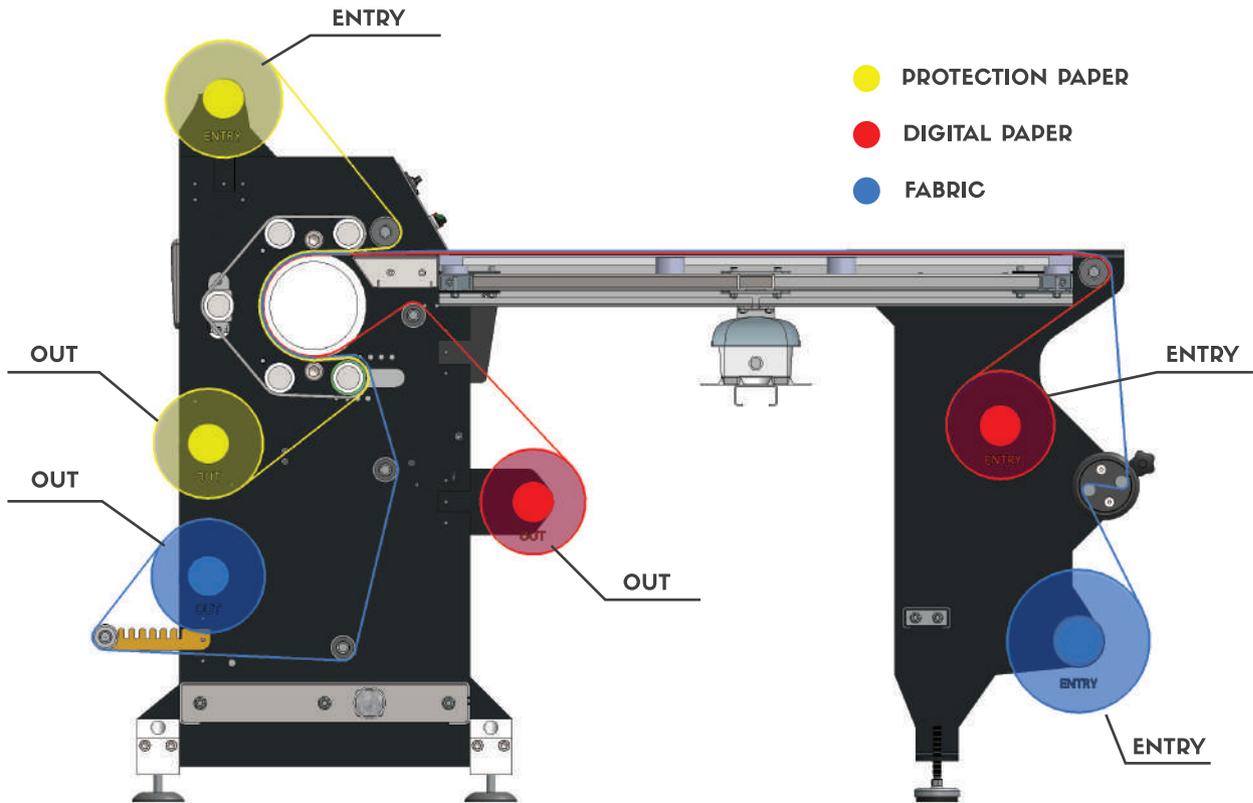
OPTIONAL ACCESORIES

- 1 Static Electric Preventing Bar
- 2 UPS Power Supply

NUMERIC VALUES

DL SERIES															
Machine	Drum Diameter		Drum Width		Max. Working Width		Working Data			Max. Current Input		Average Energy Consumption	Drum Resistance Power	Drum Engine Power	Dimensions (Footprint With Table)
	Code	mm	inch	mm	inch	mm	m/min	m ² /hour	m ² /hour	Amp.	kW				
DL-13B200C	200	7,8"	1300	51,2"	1200	1,20	72	86	15	10	5	8,5	0,55	187*100*138	
DL-17B200C			1700	66,9"	1600	1,20	72	115	18,5	12	6	11	0,75	227*100*138	

FLOW DIAGRAM



SCOPE OF APPLICATION



MP SERIES

Entry/Mid Level Piece & Roll to Roll Transfer Printing Machine

MACHINE INFORMATION

MP Series has been designed and developed for entry/mid level production shops who want to start sublimation and looking for a mid size machine. It features a 320mm main drum size and comes with 1700mm & 1900mm width options. MP Series calenders have an optional bottom conveyor belt which carries the printed piece fabrics through the back side of the machine for collection by hand or in a container. It features a touch screen control panel to access various functions of the machine such as temperature control, speed etc.

OPERATION TYPES

Digital Paper Roll to Piece Fabric
Digital Paper Roll to Roll Fabric
Digital Paper Pieces to Piece Fabric

WIDTH OPTIONS

MP-17B320C (1700mm width)
MP-19B320C (1900mm width)

ADVANTAGES

4,3 inch Touch-screen control panel
Optional bottom conveyor belt for piece fabrics
Optional glass sportswear lay-up table with table lighting
Optional static electric preventing bar to eliminate static electric generated during the sublimation process.

 320mm main drum optional glass lay-up table Up to 150m/h speed Compact design

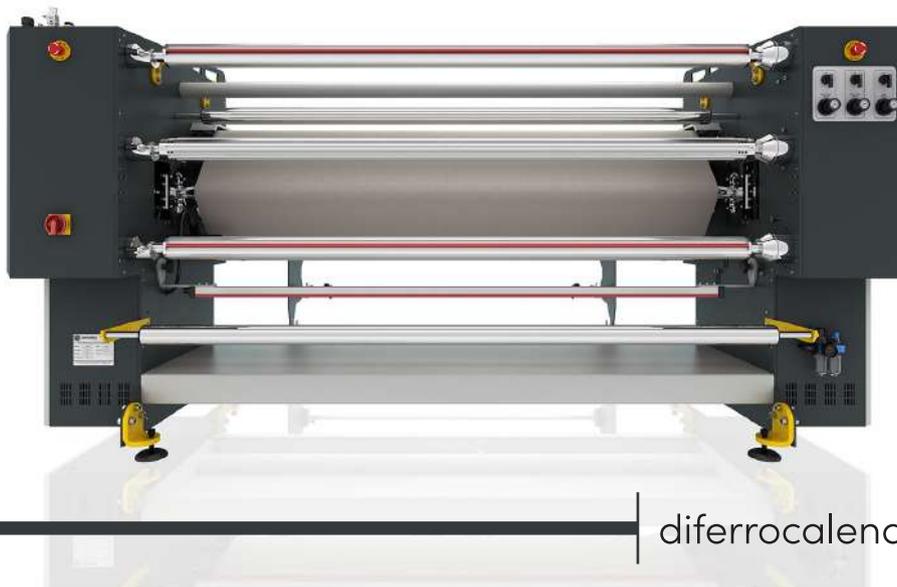
MAIN DRUM CHARACTERISTICS

The drum is made of ST44 drawn steel pipe and all standard models are finished with surface grinding. On request the drum surface can also be plated with either chrome or Teflon. Inside the drum is one single heating unit that consists of three pieces. The drum is filled with transfer heating oil that fills up 60% of the inner volume. The failsafe-switch mechanism helps balance the inner pressure, and will deactivate the machine should there be any issues regarding the gasses generated by heated oil so to avoid injury or damage. The heat sensor is placed on the surface of the drum, this enables more accurate readings and provides better print results. Maximum Working Temperature and Temperature Restrictions can be easily adjusted via the Touch-Screen Panel.



FELT BELT CHARACTERISTICS

All of our machines are equipped with 100% Nomex seamless industrial felt belts that are reinforced with Kevlar material in order to avoid stretching. The expected lifetime for the belt on this unit is between 3 & 5 years depending on use. In order to eliminate movement of the felt belt to either side the machine is built with an automated-felt centering mechanism. The felt tension and the felt centering system are both air-operated (Pneumatic). Should the compressor fail to supply the required air for the system, the machine halts and alerts the operator to prevent lasting damage to the belt.



TOUCH-SCREEN PANEL

General control of the machine such as speed, temperature etc.
 Meter counter
 Weekly programming
 Auto-cooling
 4,3 inch control panel to access various functions



MATERIAL INPUT & OUTPUT CONTROLS

Protection Paper

Input : Manually adjusted brake system
Output : Manually adjustable automatic rewind

Digital Paper

Input : Manually adjusted break system
Output : Manually adjustable automatic rewind

Roll Fabric

Input : Manually adjusted fabric tension system
Output : Manually adjustable automatic rewind

Piece Fabric

Input : Manually laid on table
Output : Off the protection paper



TECHNICAL SPECIFICATIONS

Heating System	: Heat Transfer Oil
Max. Temperature	: 220°C
Average Heating Time	: 60-80 min.
Average Cooling Time	: 150 min.
Power Supply	: 380V - 3 Ph 50/60 Hz.
Air Intake (Bar)	: Min. 5 - Max. 8 Bars
Electrical System	: PLC Control
Felt Tension System	: Pneumatic
Felt Control System	: Automatic
Drive Speed Control	: AC Inverter
Paper Unwind - Rewind	: Shaft
Weekly Programming	: Yes
Automatic Shutdown	: Yes
Safety	: 4 Emergency Buttons + Wire
Software Language	: Turkish (Optional English)
Warranty	: 2 Yers Mechanical + 1 Year Electrical

OPTIONAL ACCESORIES

- 1 Static Electric Preventing Bar
- 2 Glass Table With Lighting
- 3 Ventilation Hood
- 4 Remote Access Module
- 5 Air Shaft
- 6 Teflon Plated Drum
- 7 UPS Power Supply

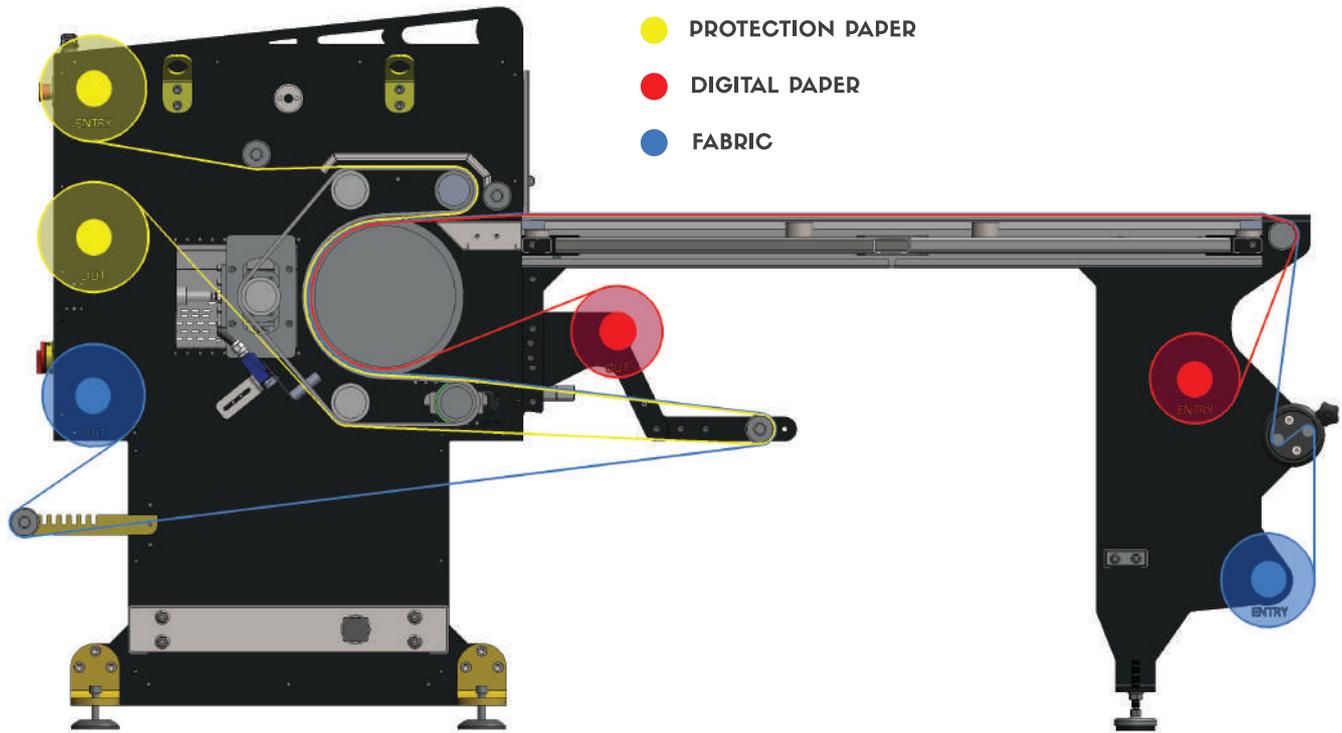


NUMERIC VALUES

MP SERIES																		
Machine	Drum Diameter		Drum Width		Max. Working Width			Working Data			Max. Current Input	Total Power	Average Energy Consumption	Drum Resistance Power	Drum Engine Power	Dimensions (Footprint With Table)	Net Weight	Dimensions Of The Shipping Crate
Code	mm	inch	mm	inch	mm	m/min	m/hour	m ² /hour	Amp.	kW	kW	kW	kW	Cm	Kg.	Cm	Kg.	
MP-17B320C	320	12.6"	1700	66.9"	1600	2.10	126	202	31	20	10	18,5	0,75	260*180*130	1100	285*130*155	1210	
MP-19B320C			1900	74.8"	1800	2.10	126	202	38	25	12,5	23,5	0,75	280*180*130	1320	305*130*155	1450	



FLOW DIAGRAM



SCOPE OF APPLICATION



DP SERIES

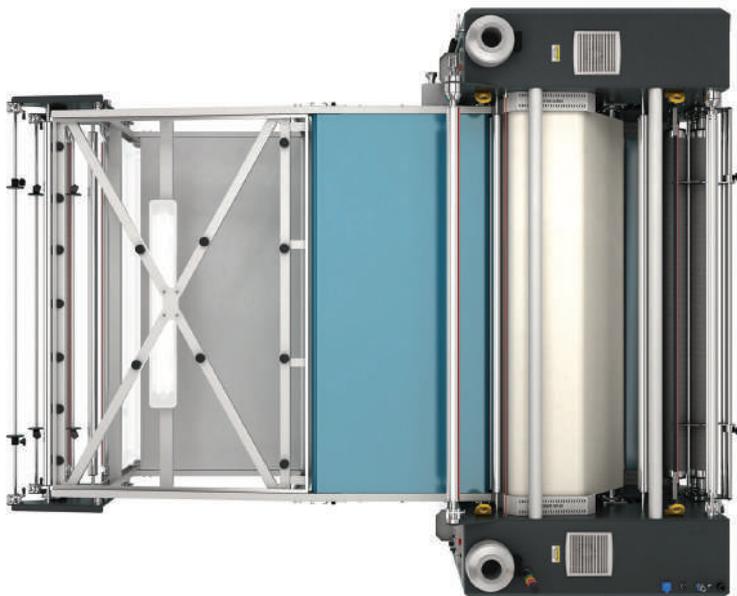
Industrial Piece & Roll to Roll Transfer Printing Machine

MACHINE INFORMATION

DP Series has been designed and developed for industrial production shops who are looking for a more industrial machine with high speed and many configuration options. It features a 200mm main drum size and comes with 1900mm/2200mm/2600mm/3300mm width options. Drum scraper unit, static electric preventing bar, glass table with lighting and smoke suction unit are coming as standart to ensure a flawless work experience. Drum diameter can be configured as 400mm/600mm/1000mm.

OPERATION TYPES

- Digital Paper Roll to Piece Fabric
- Digital Paper Roll to Roll Fabric
- Digital Paper Pieces to Piece Fabric



WIDTH & DIAMETER OPTIONS

Ø400

- DP-19B400C (Ø400*1900mm)
- DP-22B400C (Ø400*2200mm)
- DP-26B400C (Ø400*2600mm)
- DP-33B400C (Ø400*3300mm)

Ø600

- DP-19B600C (Ø600*1900mm)
- DP-22B600C (Ø600*2200mm)
- DP-26B600C (Ø600*2600mm)
- DP-33B600C (Ø600*3300mm)

Ø1000

- DP-19B1000C (Ø1000*1900mm)
- DP-22B1000C (Ø1000*2200mm)
- DP-26B1000C (Ø1000*2600mm)
- DP-33B1000C (Ø1000*3300mm)

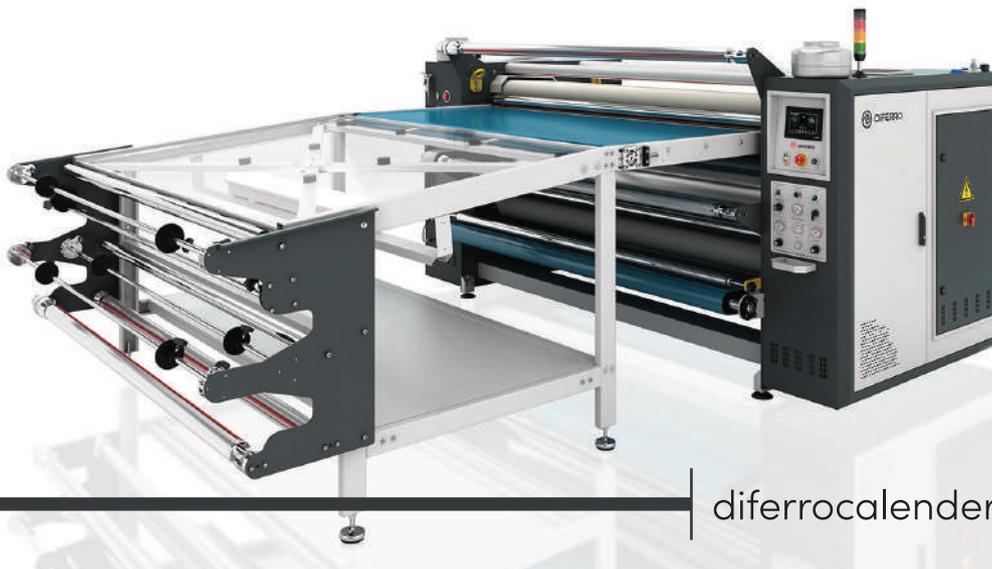
MAIN DRUM CHARACTERISTICS

The drum is made of ST44 drawn steel pipe and all standard models are finished with surface grinding. On request the drum surface can also be plated with either chrome or Teflon. Inside the drum is one single heating unit that consists of three pieces. The drum is filled with transfer heating oil that fills up 60% of the inner volume. The failsafe-switch mechanism helps balance the inner pressure, and will deactivate the machine should there be any issues regarding the gasses generated by heated oil so to avoid injury or damage. The heat sensor is placed on the surface of the drum, this enables more accurate readings and provides better print results. Maximum Working Temperature and Temperature Restrictions can be easily adjusted via the Touch-Screen Panel.



FELT BELT CHARACTERISTICS

All of our machines are equipped with 100% Nomex seamless industrial felt belts that are reinforced with Kevlar material in order to avoid stretching. The expected lifetime for the belt on this unit is between 3 & 5 years depending on use. In order to eliminate movement of the felt belt to either side the machine is built with an automated-felt centering mechanism. The felt tension and the felt centering system are both air-operated (Pneumatic). Should the compressor fail to supply the required air for the system, the machine halts and alerts the operator to prevent lasting damage to the belt.





TOUCH-SCREEN PANEL

General control of the machine such as speed, temperature etc.

Meter counter

Weekly programming

Auto-cooling

7 inch control panel to access various functions



MATERIAL INPUT & OUTPUT CONTROLS

Protection Paper

Input : Pneumatic brake system
Output : Manually adjustable automatic rewind

Digital Paper

Input : Manually adjustable brake system
Output : Manually adjustable automatic rewind

Roll Fabric

Input : Manually adjusted fabric tension system
Output : Manually adjustable automatic rewind

Piece Fabric

Input : Manually laid on table
Output : Potency controlled, off the conveyor belt

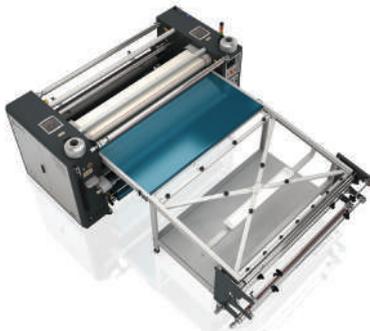


TECHNICAL SPECIFICATIONS

Heating System	: Heat Transfer Oil
Max. Temperature	: 220°C
Average Heating Time	: 60-80 min.
Average Cooling Time	: 150 min.
Power Supply	: 380V - 3 Ph 50/60 Hz.
Air Intake (Bar)	: Min. 5 - Max. 8 Bars
Electrical System	: PLC Control
Felt Tension System	: Pneumatic
Felt Control System	: Automatic
Drive Speed Control	: AC Inverter
Paper Unwind - Rewind	: Shaft
Weekly Programming	: Yes
Automatic Shutdown	: Yes
Safety	: 4 Emergency Buttons + Wire
Software Language	: Turkish (Optional English)
Warranty	: 2 Yers Mechanical + 1 Year Electrical

OPTIONAL ACCESORIES

- | | |
|-------------------------------|---|
| 1 Ventilation Hood | 6 External Fabric Windup Unit |
| 2 Remote Access Module | 7 Additional Digital Paper Feeding Shaft |
| 3 Air Shaft | 8 Pneumatic Crushing Roller |
| 4 Teflon Plated Drum | 9 Table Conveyor Belt |
| 5 UPS Power Supply | |



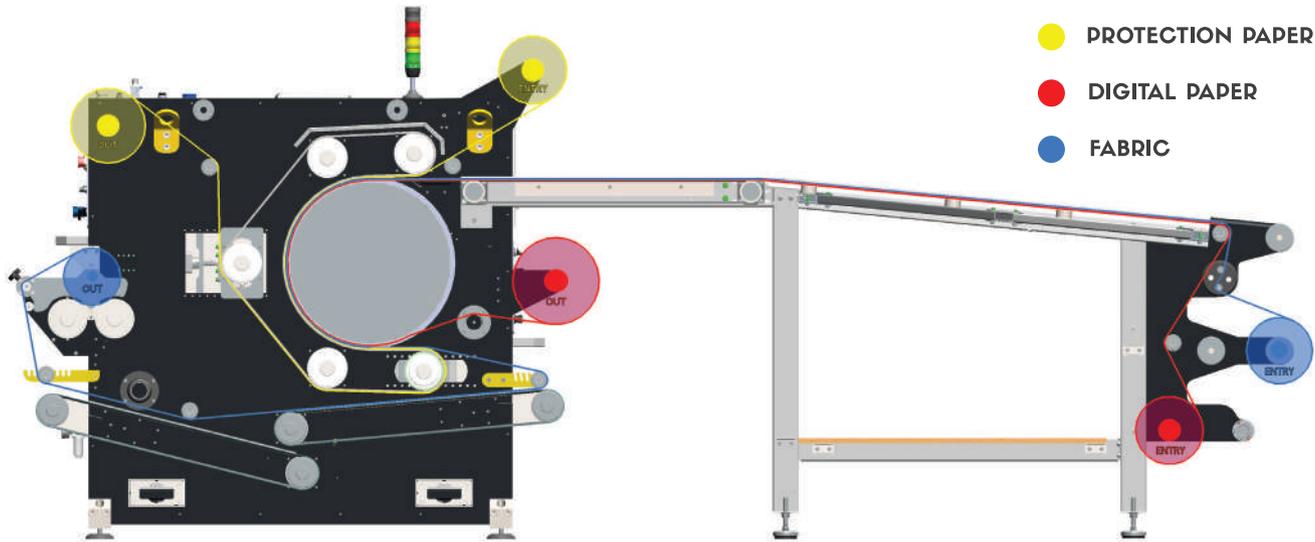
NUMERIC VALUES

DP SERIES

Machine	Drum Diameter		Drum Width		Max. Working Width	Working Data			Max. Current Input	Total Power	Average Energy Consumption	Drum Resistance Power	Drum Engine Power	Dimensions (Footprint With Table)
	Code	mm	inch	mm		inch	mm	m/min						
DP-19B400C	400	15.7"	1900	74.8	1800	2.64	160	285	50	33	16,5	31,5	1,5	440*315*180
DP-22B400C			2200	86.6	2100	2.64	160	333	61	40	20	38,5	1,5	440*345*180
DP-26B400C			2600	102.3	2500	2.64	160	396	84	55	27,5	53	1,5	440*385*180
DP-33B400C			3300	130	3200	2.64	160	507	94,5	62	31	60	2,2	440*455*180
DP-19B600C	600	23.7"	1900	74.8	1800	4.34	260	469	65,5	43	21,5	41,5	1,5	451*310*188
DP-22B600C			2200	86.6	2100	4.34	260	547	68,5	45	22,5	43	1,5	451*340*188
DP-26B600C			2600	102.3	2500	4.34	260	651	85	56	28	53	2,2	451*380*188
DP-33B600C			3300	130	3200	4.34	260	833	131	86	43	83	2,2	451*450*188
DP-19B1000C	1000	39.3"	1900	74.8	1800	6,50	390	702	108	71	35,5	68	2,2	445*310*230
DP-22B1000C			2200	86.6	2100	6,50	390	819	118,5	78	39	75	2,2	445*340*230
DP-26B1000C			2600	102.3	2500	6,50	390	975	141,5	93	46,5	90	2,2	445*380*230
DP-33B1000C			3300	130	3200	6,50	390	1248	182,5	120	60	116	4	445*450*230



FLOW DIAGRAM



SCOPE OF APPLICATION



ADVANTAGES

-  400mm/600mm/1000mm main drum diameter
-  Glass lay-up table with lighting
-  Min. 160 m/h speed
-  For larger industrial solutions
-  Static electric preventing bar
-  SSS Smoke suction unit

DM SERIES

Roll to Roll Transfer Printing Machine

MACHINE INFORMATION

DM Series has been designed and developed for continuous roll to roll applications. Being configurable with 1900mm/2200mm/2600mm/3300mm main drum width and the main drum diameter can be configured as 400mm/600mm/1000mm according to your needs. Drum scraper, fabric straightener, 2x air shafts, static electric preventing bar and fabric cooler comes as standard and equipped with the machine for a smoother operation experience. DM Series can be equipped with additional options depending on the customers' need for an even better usage experience.

WIDTH & DIAMETER OPTIONS

Ø400

DP-19B400C (Ø400*1900mm)
DP-22B400C (Ø400*2200mm)
DP-26B400C (Ø400*2600mm)
DP-33B400C (Ø400*3300mm)

Ø600

DP-19B600C (Ø600*1900mm)
DP-22B600C (Ø600*2200mm)
DP-26B600C (Ø600*2600mm)
DP-33B600C (Ø600*3300mm)

Ø1000

DP-19B1000C (Ø1000*1900mm)
DP-22B1000C (Ø1000*2200mm)
DP-26B1000C (Ø1000*2600mm)
DP-33B1000C (Ø1000*3300mm)

OPERATION TYPES

Digital Paper Roll to Roll of Fabric

ADVANTAGES

 400mm/600mm/1000mm
main drum diameter

 Min. 160 m/h speed

 For larger industrial solutions

 Static electric preventing bar

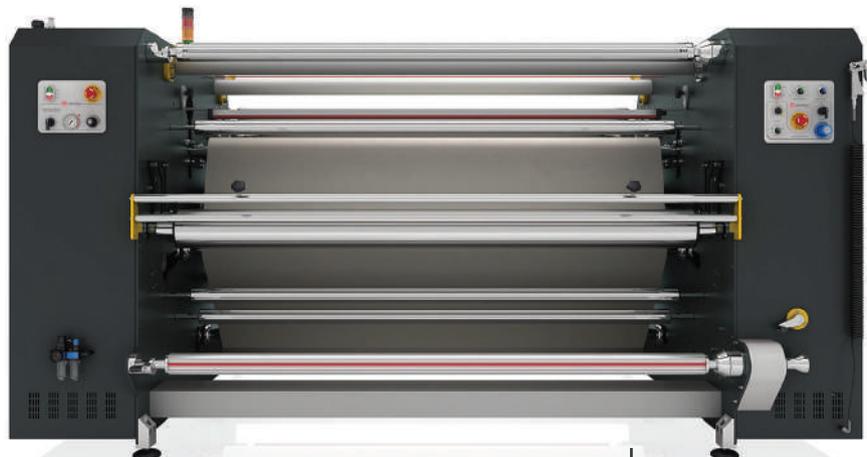
MAIN DRUM CHARACTERISTICS

The drum is made of ST44 drawn steel pipe and all standard models are finished with surface grinding. On request the drum surface can also be plated with either chrome or Teflon. Inside the drum is one single heating unit that consists of three pieces. The drum is filled with transfer heating oil that fills up 60% of the inner volume. The failsafe-switch mechanism helps balance the inner pressure, and will deactivate the machine should there be any issues regarding the gasses generated by heated oil so to avoid injury or damage. The heat sensor is placed on the surface of the drum, this enables more accurate readings and provides better print results. Maximum Working Temperature and Temperature Restrictions can be easily adjusted via the Touch-Screen Panel.



FELT BELT CHARACTERISTICS

All of our machines are equipped with 100% Nomex seamless industrial felt belts that are reinforced with Kevlar material in order to avoid stretching. The expected lifetime for the belt on this unit is between 3 & 5 years depending on use. In order to eliminate movement of the felt belt to either side the machine is built with an automated-felt centering mechanism. The felt tension and the felt centering system are both air-operated (Pneumatic). Should the compressor fail to supply the required air for the system, the machine halts and alerts the operator to prevent lasting damage to the belt.





TOUCH-SCREEN PANEL

General control of the machine such as speed, temperature etc.
 Meter counter
 Weekly programming
 Auto-cooling
 7 inch control panel to access various functions



MATERIAL INPUT & OUTPUT CONTROLS

Protection Paper

Input : Pneumatic brake system
Output : Manually adjustable automatic rewind

Roll Fabric

Input : Manually adjusted fabric tension system
Output : Potency controlled double roll rewind

Digital Paper

Input : Pneumatic brake system
Output : Manually adjustable automatic rewind



TECHNICAL SPECIFICATIONS

Heating System	: Heat Transfer Oil
Max. Temperature	: 220°C
Average Heating Time	: 60-80 min.
Average Cooling Time	: 150 min.
Power Supply	: 380V - 3 Ph 50/60 Hz.
Air Intake (Bar)	: Min. 5 - Max. 8 Bars
Electrical System	: PLC Control
Felt Tension System	: Pneumatic
Felt Control System	: Automatic
Drive Speed Control	: AC Inverter
Paper Unwind - Rewind	: Shaft
Weekly Programming	: Yes
Automatic Shutdown	: Yes
Safety	: 4 Emergency Buttons + Wire
Software Language	: Turkish (Optional English)
Warranty	: 2 Yers Mechanical + 1 Year Electrical

OPTIONAL ACCESORIES

- | | |
|---|--|
| 1 Remote Access Module | 7 Automatic Selvage Cutting Unit |
| 2 Ventilation Hood | 8 Pneumatic Double Roller Crushing Unit |
| 3 Fabric Guiding and Centering Unit | 9 Front Walking Platform |
| 4 Automatic Fabric Laying Unit | 10 Crushing Roller Over Drum |
| 5 External Fabric Windup Unit | 11 UPS Power Supply |
| 6 Additional Digital Paper Feeding Shaft | 12 Air Shaft |



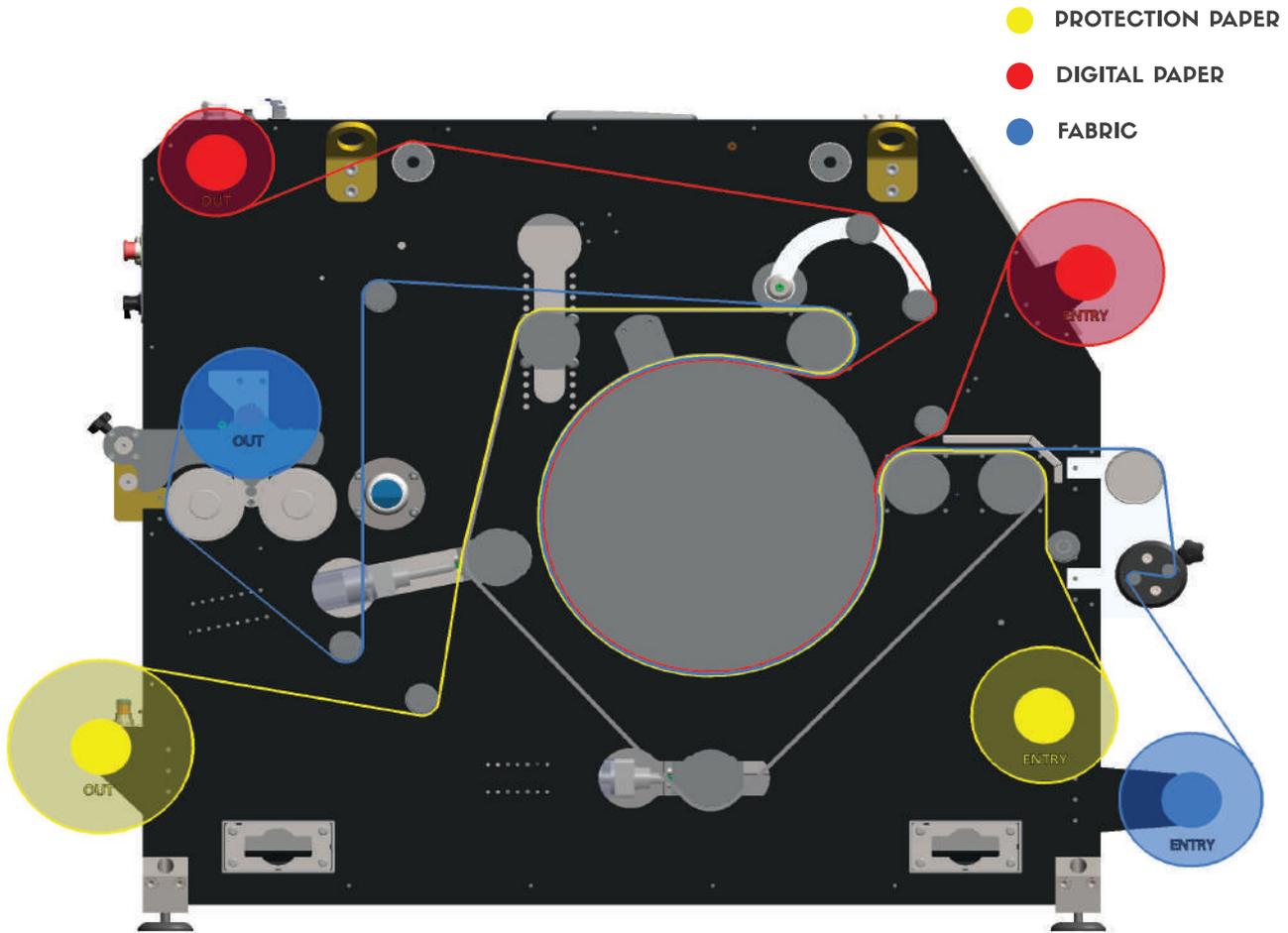
NUMERIC VALUES

DM SERIES

Machine	Drum Diameter		Drum Width		Max. Working Width	Working Data			Max. Current Input	Total Power	Average Energy Consumption	Drum Resistance Power	Drum Engine Power	Dimensions (Footprint With Table)
	Code	mm	inch	mm		inch	mm	m/min						
DM-19B400C	400	15.7"	1900	74.8	1800	2.64	160	285	50	33	16,5	31,5	1,5	220*310*176
DM-22B400C			2200	86.6	2100	2.64	160	333	61	40	20	38,5	1,5	220*340*176
DM-26B400C			2600	102.3	2500	2.64	160	396	84	55	27,5	53	1,5	220*380*176
DM-33B400C			3300	130	3200	2.64	160	507	94,5	62	31	60	2,2	220*450*176
DM-19B600C	600	23,7"	1900	74.8	1800	4.34	260	469	65,5	43	21,5	41,5	1,5	206*308*186
DM-22B600C			2200	86.6	2100	4.34	260	547	68,5	45	22,5	43	1,5	206*338*186
DM-26B600C			2600	102.3	2500	4.34	260	651	85	56	28	53	2,2	206*378*186
DM-33B600C			3300	130	3200	4.34	260	833	131	86	43	83	2,2	206*448*186
DM-19B1000C	1000	39,3"	1900	74.8	1800	6,50	390	702	108	71	35,5	68	2,2	250*310*220
DM-22B1000C			2200	86.6	2100	6,50	390	819	118,5	78	39	75	2,2	250*340*220
DM-26B1000C			2600	102.3	2500	6,50	390	975	141,5	93	46,5	90	2,2	250*380*220
DM-33B1000C			3300	130	3200	6,50	390	1248	182,5	120	60	116	4	250*450*220



FLOW DIAGRAM



SCOPE OF APPLICATION





DF SERIES

Film Lamination Machine

MACHINE INFORMATION

DF Series transfer printing machines are produced with 3 different drum diameter and 3 different drum width options as follows; Ø400 / Ø600 / Ø1000mm cylinder diameter and 1900/2200/3300 mm. This machine is especially designed and developed, and is focused on solely roll to roll printing. Main usage areas are home textile, curtains, carpets and similars. As all of the other machines manufactured by Diferro, DF Series are also offering multiple configuration options to choose between and ease the printing process, and also bringing convenience.

OPERATION TYPES

Digital Paper Roll to Roll of Fabric



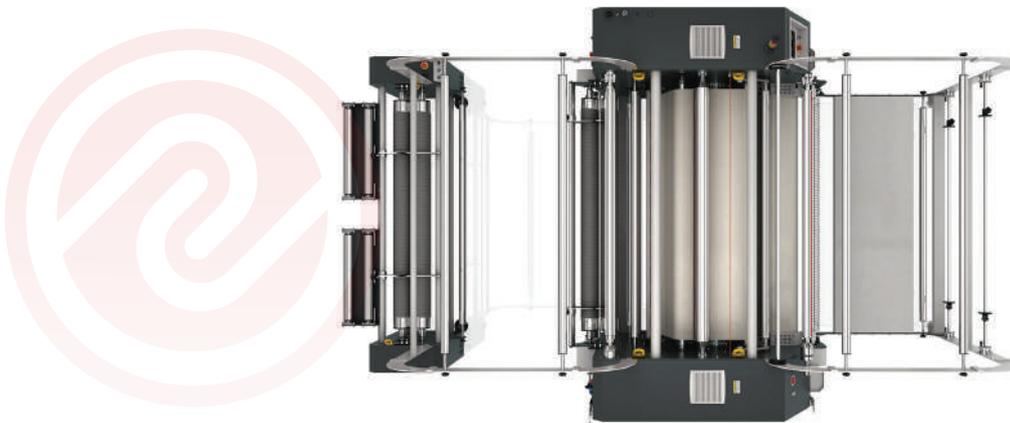
MAIN DRUM CHARACTERISTICS

The drum is made of ST44 drawn steel pipe and all standard models are finished with surface grinding. On request the drum surface can also be plated with either chrome or Teflon. Inside the drum is one single heating unit that consists of three pieces. The drum is filled with transfer heating oil that fills up 60% of the inner volume. The failsafe-switch mechanism helps balance the inner pressure, and will deactivate the machine should there be any issues regarding the gasses generated by heated oil so to avoid injury or damage. The heat sensor is placed on the surface of the drum, this enables more accurate readings and provides better print results. Maximum Working Temperature and Temperature Restrictions can be easily adjusted via the Touch-Screen Panel.



FELT BELT CHARACTERISTICS

All of our machines are equipped with 100% Nomex seamless industrial felt belts that are reinforced with Kevlar material in order to avoid stretching. The expected lifetime for the belt on this unit is between 3 & 5 years depending on use. In order to eliminate movement of the felt belt to either side the machine is built with an automated-felt centering mechanism. The felt tension and the felt centering system are both air-operated (Pneumatic). Should the compressor fail to supply the required air for the system, the machine halts and alerts the operator to prevent lasting damage to the belt.





TOUCH-SCREEN PANEL

General control of the machine such as speed, temperature etc.
 Meter counter
 Weekly programming
 Auto-cooling
 7 inch control panel to access various functions



MATERIAL INPUT & OUTPUT CONTROLS

Protection Paper

Input : Pneumatic brake system
Output : Manually adjustable automatic rewind

Digital Paper

Input : Pneumatic brake system
Output : Manually adjustable automatic rewind

Roll Fabric

Input : Manually adjusted fabric tension system
Output : Potency controlled double roll rewind



TECHNICAL SPECIFICATIONS

Heating System	: Heat Transfer Oil
Max. Temperature	: 220°C
Average Heating Time	: 60-80 min.
Average Cooling Time	: 150 min.
Power Supply	: 380V - 3 Ph 50/60 Hz.
Air Intake (Bar)	: Min. 5 - Max. 8 Bars
Electrical System	: PLC Control
Felt Tension System	: Pneumatic
Felt Control System	: Automatic
Drive Speed Control	: AC Inverter
Paper Unwind - Rewind	: Shaft
Weekly Programming	: Yes
Automatic Shutdown	: Yes
Safety	: 4 Emergency Buttons + Wire
Software Language	: Turkish (Optional English)
Warranty	: 2 Yers Mechanical + 1 Year Electrical

OPTIONAL ACCESORIES

- 1 Remote Access Module
- 2 Ventilation Hood
- 3 Fabric Guiding and Centering Unit
- 4 Automatic Fabric Laying Unit
- 5 External Fabric Windup Unit
- 6 Additional Digital Paper Feeding Shaft
- 7 Automatic Selvage Cutting Unit
- 8 Pneumatic Double Roller Crushing Unit
- 9 Front Walking Platform
- 10 Crushing Roller Over Drum
- 11 UPS Power Supply
- 12 Air Shaft



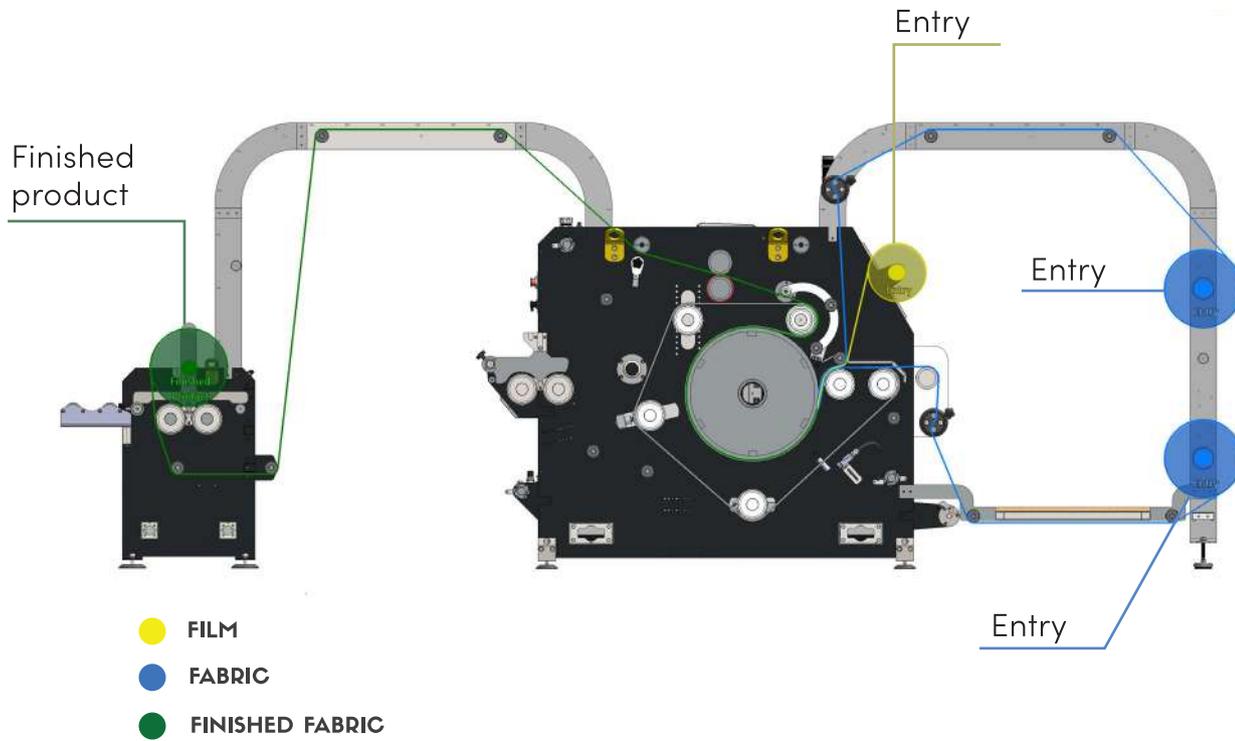
NUMERIC VALUES

DF SERIES

Machine	Drum Diameter		Drum Width		Max. Working Width	Working Data			Max. Current Input	Total Power	Average Energy Consumption	Drum Resistance Power	Drum Engine Power	Dimensions (Footprint With Table)
	Code	mm	inch	mm		inch	mm	m/min						
DF-19B400C	400	15.7"	1900	74.8	1800	2.64	160	285	50	33	16,5	31,5	1,5	220*310*176
DF-22B400C			2200	86.6	2100	2.64	160	333	61	40	20	38,5	1,5	220*340*176
DF-26B400C			2600	102.3	2500	2.64	160	396	84	55	27,5	53	1,5	220*380*176
DF-33B400C			3300	130	3200	2.64	160	507	94,5	62	31	60	2,2	220*450*176
DF-19B600C	600	23.7"	1900	74.8	1800	4.34	260	469	65,5	43	21,5	41,5	1,5	206*308*186
DF-22B600C			2200	86.6	2100	4.34	260	547	68,5	45	22,5	43	1,5	206*338*186
DF-26B600C			2600	102.3	2500	4.34	260	651	85	56	28	53	2,2	206*378*186
DF-33B600C			3300	130	3200	4.34	260	833	131	86	43	83	2,2	206*448*186
DF-19B1000C	1000	39.3"	1900	74.8	1800	6,50	390	702	108	71	35,5	68	2,2	250*310*220
DF-22B1000C			2200	86.6	2100	6,50	390	819	118,5	78	39	75	2,2	250*340*220
DF-26B1000C			2600	102.3	2500	6,50	390	975	141,5	93	46,5	90	2,2	250*380*220
DF-33B1000C			3300	130	3200	6,50	390	1248	182,5	120	60	116	4	250*450*220



FLOW DIAGRAM



SCOPE OF APPLICATION





DE SERIES

Film Lamination Machine

MACHINE INFORMATION

The DE series transfer printing machines are manufactured with different drum diameters and widths. The diameters of the machines range from 215 mm to 350 mm, while the widths vary between 1900 mm and 3300 mm. These specially designed machines are ideal for continuous printing processes such as home textiles, fashion and furniture fabrics. The DE series, produced by Diferro, offers different configuration options for ease of use and process flexibility.



OPERATION TYPES

Foil Printing
Cire

MAIN DRUM CHARACTERISTICS

The drum is made of ST44 drawn steel pipe and all standard models are finished with surface grinding. On request the drum surface can also be plated with either chrome or Teflon. Inside the drum is one single heating unit that consists of three pieces. The drum is filled with transfer heating oil that fills up 60% of the inner volume. The failsafe-switch mechanism helps balance the inner pressure, and will deactivate the machine should there be any issues regarding the gasses generated by heated oil so to avoid injury or damage. The heat sensor is placed on the surface of the drum, this enables more accurate readings and provides better print results. Maximum Working Temperature and Temperature Restrictions can be easily adjusted via the Touch-Screen Panel.



TOUCH-SCREEN PANEL

General control of the machine such as speed, temperature etc.
 Meter counter
 Malfunction alarm feature
 Machine Settings



MATERIAL INPUT & OUTPUT CONTROLS

Roll Fabric
Input : Pneumatic brake system
Output : Manually adjustable automatic rewind

TECHNICAL SPECIFICATIONS

Heating System	: Heat Transfer Oil
Max. Temperature	: 220°C
Average Heating Time	: 60-80 min.
Average Cooling Time	: 150 min.
Power Supply	: 380V - 3 Ph 50/60 Hz.
Air Intake (Bar)	: Min. 5 - Max. 8 Bars
Electrical System	: PLC Control
Felt Tension System	: Pneumatic
Felt Control System	: Automatic
Drive Speed Control	: AC Inverter
Paper Unwind - Rewind	: Shaft
Weekly Programming	: Yes
Automatic Shutdown	: Yes
Safety	: 4 Emergency Buttons + Wire
Software Language	: Turkish (Optional English)
Warranty	: 2 Yers Mechanical + 1 Year Electrical

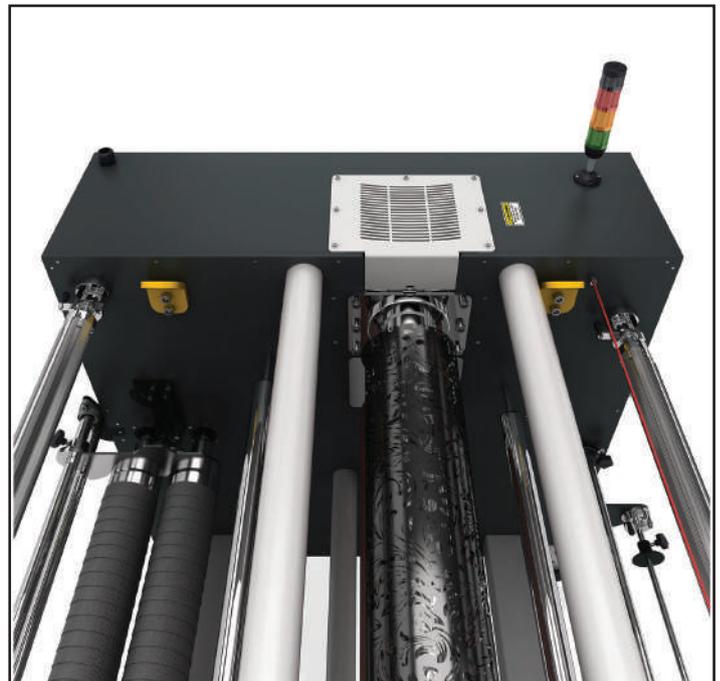
OPTIONAL ACCESORIES

1 Additional Design Cylinder

Design cylinders are cylinder which has the textured design that the customer wants in addition to the main cylinder.

Design cylinders can be easily changed in order to apply different textures to different types of materials/fabrics.

As much design cylinders as needed can be requested, the customer needs to give the designs to be applied to the additional cylinders.



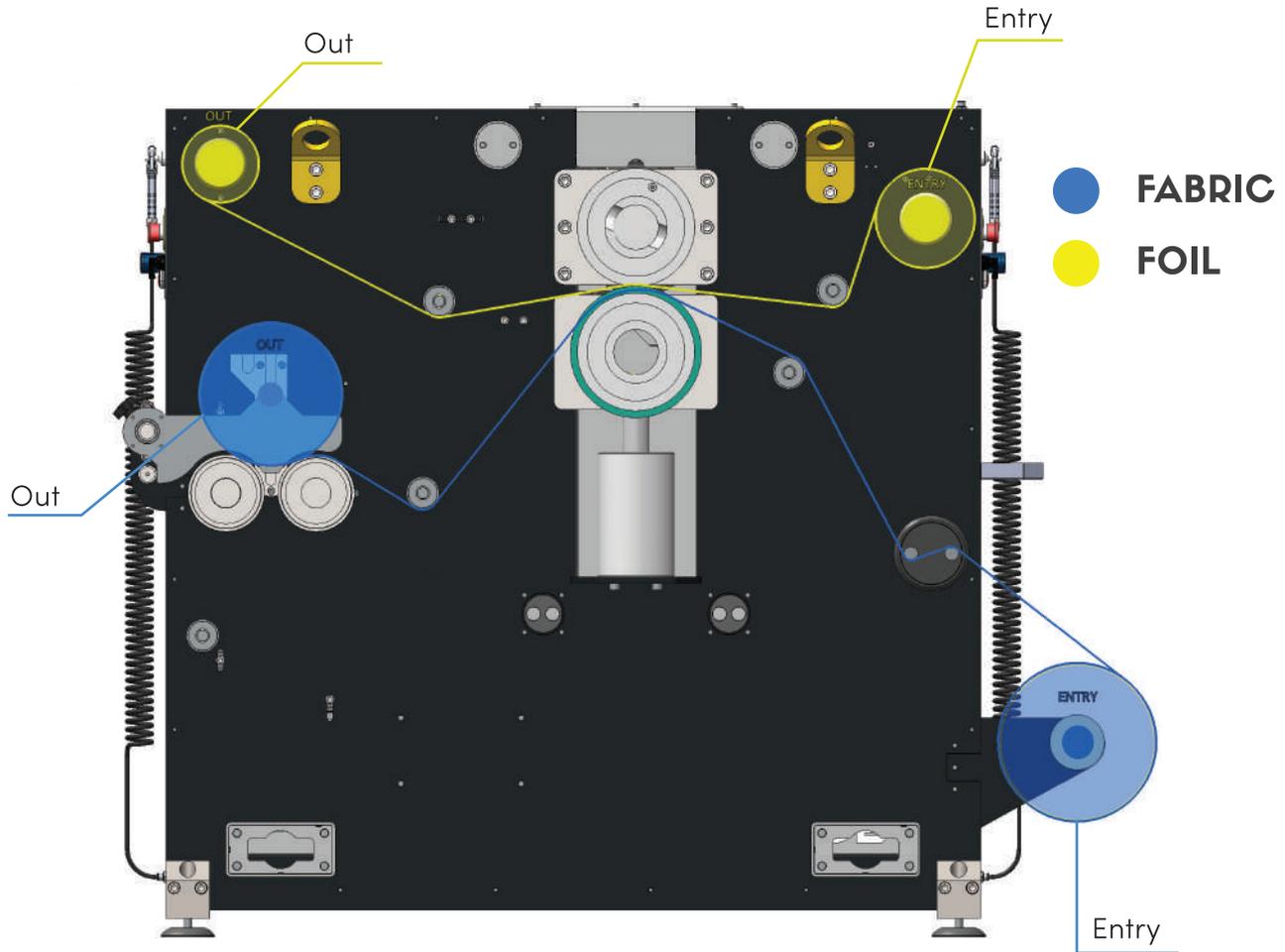
NUMERIC VALUES

DE SERIES

Machine	Drum Diameter		Drum Width		Max. Working Width	Working Data			Max. Current Input	Total Power	Average Energy Consumption	Drum Resistance Power	Drum Engine Power	Dimensions (Footprint With Table)
	mm	inch	mm	inch		m/min	m/hour	m ² /hour						
DE-19B215C	215	8,46	1900	74.8	1800				27,5	18	9	14	1,5	175*310*183
DE-22B215C	215	8,46	2200	86.6	2100				30,5	20	10	16	1,5	175*340*183
DE-19B350C	350	13,77	2600	102.3	2500				39,5	26	13	23	1,5	175*310*183



FLOW DIAGRAM



SCOPE OF APPLICATION





DR SERIES

Ribbon Transfer Printing Machine

MACHINE INFORMATION

DR Series ribbon transfer printing machines are the perfect option for the production of ribbons and striped fabrics. Able to produce Impeccable vibrant prints on to rubber, ribbon, grosgrain, belt lining and bed side-band amongst many other narrow tape width materials. Areas of use include home textile, advertisement labelling, underwear, lanyards and multi-use decorative ribbon based applications. Static electric preventing bar, drum scraping unit and 2x air shafts are coming as standart. Main drum is a fixed size of 320mm on these machines.

OPERATION TYPES

Digital paper roll to roll of fabrics



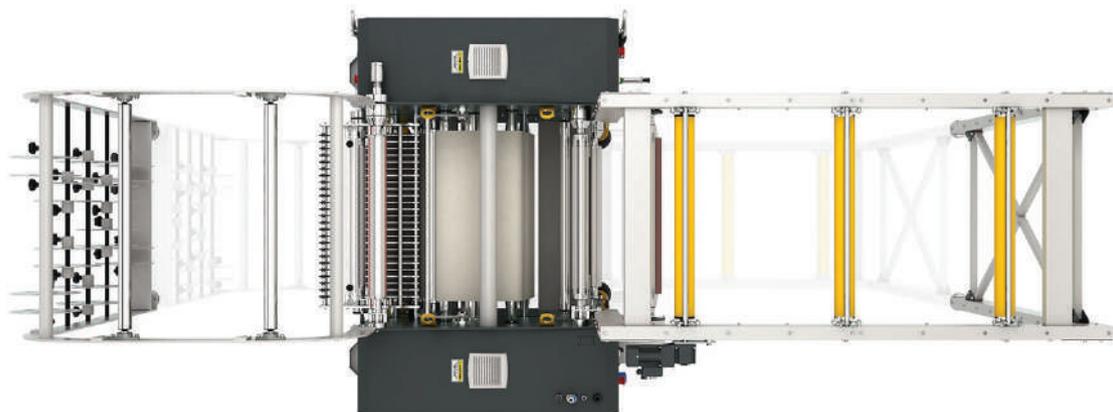
MAIN DRUM CHARACTERISTICS

The drum is made of ST44 drawn steel pipe and all standard models are finished with surface grinding. On request the drum surface can also be plated with either chrome or Teflon. Inside the drum is one single heating unit that consists of three pieces. The drum is filled with transfer heating oil that fills up 60% of the inner volume. The failsafe-switch mechanism helps balance the inner pressure, and will deactivate the machine should there be any issues regarding the gasses generated by heated oil so to avoid injury or damage. The heat sensor is placed on the surface of the drum, this enables more accurate readings and provides better print results. Maximum Working Temperature and Temperature Restrictions can be easily adjusted via the Touch-Screen Panel.



FELT BELT CHARACTERISTICS

All of our machines are equipped with 100% Nomex seamless industrial felt belts that are reinforced with Kevlar material in order to avoid stretching. The expected lifetime for the belt on this unit is between 3 & 5 years depending on use. In order to eliminate movement of the felt belt to either side the machine is built with an automated-felt centering mechanism. The felt tension and the felt centering system are both air-operated (Pneumatic). Should the compressor fail to supply the required air for the system, the machine halts and alerts the operator to prevent lasting damage to the belt.



TOUCH-SCREEN PANEL

General control of the machine such as speed, temperature etc.
 Meter counter
 Error Alerts Controlling
 Machine Settings



KEY FEATURES

Shadow preventing paper separator
 Fabric/paper scraper

MATERIAL INPUT & OUTPUT CONTROLS

Protection Paper

Input : Pneumatic brake system
Output : Manually adjustable automatic rewind

Roll Fabric

Input : Manually adjusted fabric tension system
Output : Potency controlled , oscillating from roll

Digital Paper

Input : Pneumatic brake system
Output : Manually adjustable automatic rewind



TECHNICAL SPECIFICATIONS

Heating System	: Heat Transfer Oil
Max. Temperature	: 220°C
Average Heating Time	: 60-80 min.
Average Cooling Time	: 150 min.
Power Supply	: 380V - 3 Ph 50/60 Hz.
Air Intake (Bar)	: Min. 5 - Max. 8 Bars
Electrical System	: PLC Control
Felt Tension System	: Pneumatic
Felt Control System	: Automatic
Drive Speed Control	: AC Inverter
Paper Unwind - Rewind	: Shaft
Weekly Programming	: Yes
Automatic Shutdown	: Yes
Safety	: 4 Emergency Buttons + Wire
Software Language	: Turkish (Optional English)
Warranty	: 2 Yers Mechanical + 1 Year Electrical

INCLUDED OPTIONS

- 1 Static Electric Preventing Bar
- 2 Drum Scraper
- 3 Air Shaft (2 pcs)

OPTIONAL ACCESORIES

- 1 Remote Access Ethernet Module
- 2 UPS Power Supply
- 3 Air Shaft



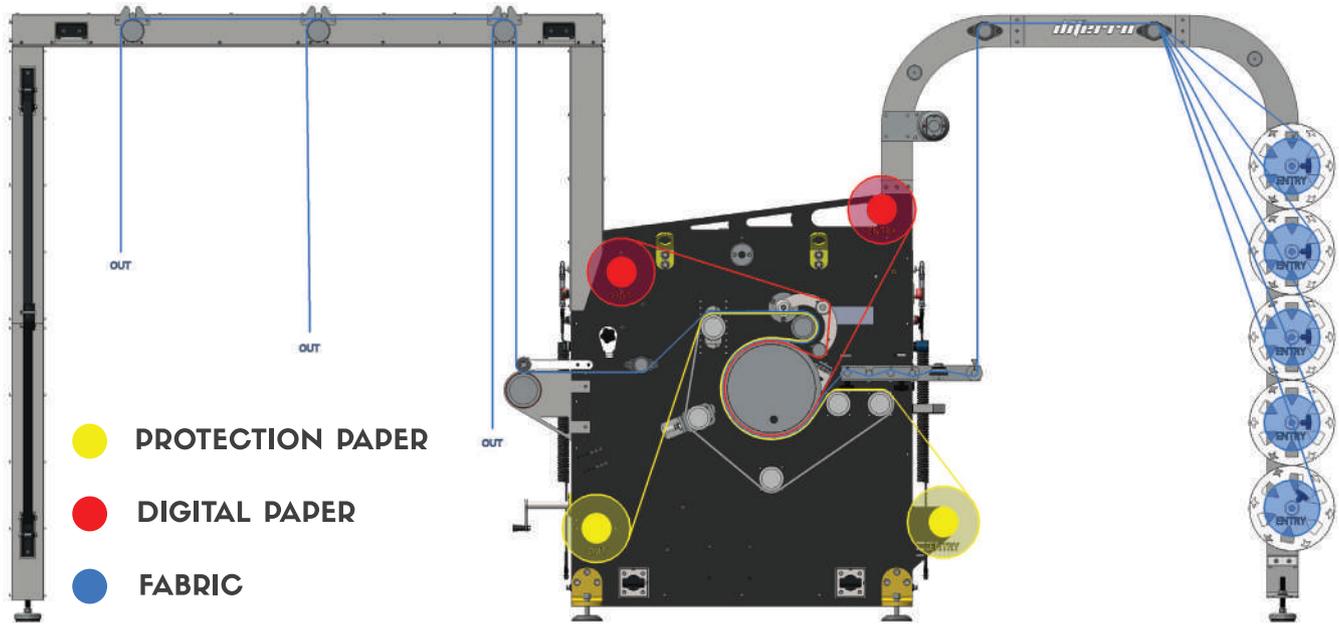
NUMERIC VALUES

DR SERIES

Machine	Drum Diameter		Drum Width		Max. Working Width	Working Data			Max. Current Input	Total Power	Average Energy Consumption	Drum Resistance Power	Drum Engine Power	Dimensions (Footprint With Table)
Code	mm	inch	mm	inch	mm	m/min	m/hour	m ² /hour	Amp.	kW	kW	kW	kW	Cm
DR-05B320C	320	12,6	500	19,7	400	4	240	108	10,5	7	3,5	5,5	0,75	426*170*197
DR-07B320C	320	12,6	700	27,6	600	4	240	156	12	9	4,5	8	0,75	426*190*197



FLOW DIAGRAM



SCOPE OF APPLICATION



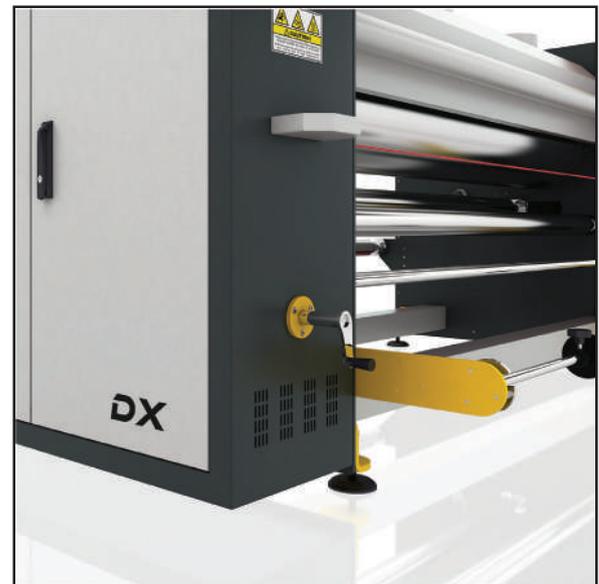


DX SERIES

Fabric Dye Fixation Machine

MACHINE INFORMATION

We have created a truly cost effective fixation machine that is built to last, offers multiple configuration choices and the performance required for an efficient high-speed print finishing experience. Fixation is required to activate the colouring agents in the dyes and not only improves colour fastness, but also increases the vibrancy and impact of the designs when produced using a Reactive or Cotton Pigment Dye based digital printer. With features such as ironing and wrinkle fixer, the latest DX Series will complete your finishing in a fast and efficient way. 2 pieces of air shaft are coming as standart.



MAIN DRUM CHARACTERISTICS

The drum is made of ST44 drawn steel pipe and all standard models are finished with surface grinding. On request the drum surface can also be plated with either chrome or Teflon. Inside the drum is one single heating unit that consists of three pieces. The drum is filled with transfer heating oil that fills up 60% of the inner volume. The failsafe-switch mechanism helps balance the inner pressure, and will deactivate the machine should there be any issues regarding the gasses generated by heated oil so to avoid injury or damage. The heat sensor is placed on the surface of the drum, this enables more accurate readings and provides better print results. Maximum Working Temperature and Temperature Restrictions can be easily adjusted via the Touch-Screen Panel.



CONTROL BOARD

Digitally adjusted speed and temperature
Digital meter counter



MATERIAL INPUT & OUTPUT CONTROLS

Roll Fabric

Input : Manually adjusted fabric tension system

Output : Potency controlled double roller rewind

OPTIONAL ACCESORIES

- | | |
|---|--|
| <p>1 Static Electric Preventing Bar</p> <p>2 External Special Steam Boiler Unit</p> <p>3 Fabric Straightener</p> <p>4 Front Operator Walking Platform</p> | <p>5 Pneumatic Ventilation Hood Above Drum</p> <p>6 UPS Power Supply</p> <p>7 Air Shaft</p> |
|---|--|

TECHNICAL SPECIFICATIONS

Heating System	: Heat Transfer Oil
Max. Temperature	: 220°C
Average Heating Time	: 60-80 min.
Average Cooling Time	: 150 min.
Power Supply	: 380V - 3 Ph 50/60 Hz.
Air Intake (Bar)	: Min. 5 - Max. 8 Bars
Electrical System	: Digital Control Unit
Drive Speed Control	: AC Inverter
Paper Unwind - Rewind	: Shaft
Weekly Programming	: No
Automatic Shutdown	: No
Safety	: 4 Emergency Buttons + Wire
Software Language	: Turkish (Optional English)
Warranty	: 2 Yers Mechanical + 1 Year Electrical

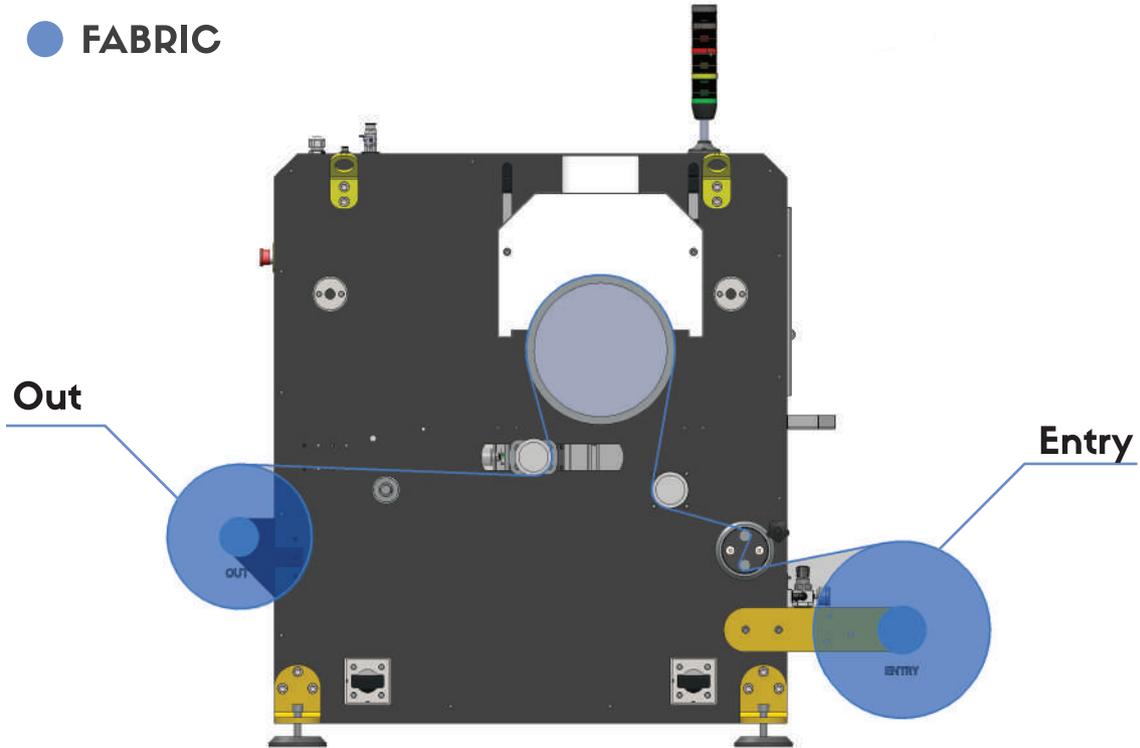
NUMERIC VALUES

DX SERIES

Machine	Drum Diameter		Drum Width		Max. Working Width	Working Data			Max. Current Input	Total Power	Average Energy Consumption	Drum Resistance Power	Drum Engine Power	Dimensions (Footprint With Table)
	mm	inch	mm	inch		mm	m/min	m/hour						
DR-19B320C	320	12,6	1900	74.8	1800	4	240	432	36,5	24	12	23,5	0,75	155*280*158
DR-22B320C	320	12,6	2200	86.6	2100	4	240	504	45,5	30	15	28,5	1,1	155*310*158
DR-26B320C	320	12,6	2600	102.3	2500	4	240	600	56	37	18,5	35	1,1	155*350*158
DR-33B320C	320	12,6	3300	130	3200	4	240	768	47	71,5	23,5	45	1,5	155*420*158

FLOW DIAGRAM

● FABRIC



SCOPE OF APPLICATION



DL SERIES



MP SERIES



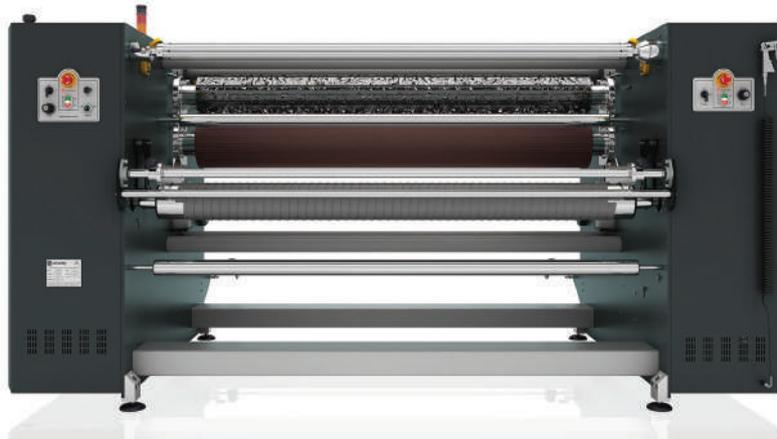
DP SERIES



DM SERIES



DE SERIES



DR SERIES



DX SERIES



DF SERIES



AFFORDABLE SOLUTIONS





PRESS SERIES



COBRA SERIES

Heat Press Machine

MACHINE INFORMATION

Our “COBRA” press machines, with excellent heat distribution, provide an impeccable performance in your business. Left and right movement is enabled by a motor supported with a rack and pinion gear. Flawless design requires less amount of air hence the air compressor. Featuring two plates saves substantial amount of time. Plates are easy to detach and replaceable with plates in other dimensions. High pressure is mechanized by pneumatic system with adjustable print pressure. You can prepare your second plate for sublimation while other plate is busy doing printing. Manual / Automatic module enables two different run modes. High precision in heat control is provided with a digital thermostat. You can adjust the amount of time that pressure is applied on fabric for with a digital timer. Cobra series are also equipped with a digital counter that allows you to keep track of the number of finished products. Plates are positioned in working height standards. If required, detachable feet allows you to perform on a table or counter.



OPERATION TYPES

- Piece digital paper to piece fabric
- Piece digital paper to sewn clothes
- Piece digital paper to hard surfaces (wood, glass)

OPTIONAL ACCESORIES

1 Steam Unit

2 Pedal

3 Laser Marking Feature

4 Teflon Plated Upper Chin

TECHNICAL SPECIFICATIONS

Heating System	: Heating Coil
Max. Temperature	: 230°C
Average Heating Time	: 20 min.
Power Supply	: AC 220V - 1Ph 50/60 Hz.
Air Intake (Bar)	: Min. 6 - Max. 10 Bars
Pressure Applied	: 600g/cm ² - 10 bar g/cm ²
System Type	: Pneumatic
Electrical System	: AC Invertor
Safety	: Emergency Buttons
Warranty	: 2 Years (User Fault Exempted)



NUMERIC VALUES

COBRA SERIES

Machine	Plane Diameter		Max. Current Input	Total Power	Average Energy Consumption	Resistance Power	Engine Power	Dimensions
	Code	cm						
COBRA-4050	40*50	15,7 * 19,7	15	3	1,5	2,5	11,5	80*106*137
COBRA-5070	50*70	19,7 * 27,5	22	5	2,5	4,5	20,5	95*112*137

SCOPE OF APPLICATION



DYNAMIC SERIES

Dynamic Type Heat Press

MACHINE INFORMATION

Diferro "Dynamic" heat press machine provide excellent heat distribution and offer dependable performance within your business. Left and Right movement is enabled by a timing belt pulley and the flawless design requires a reduced amount of compressed air during operation. Our two-plate system increases output and reduces production time, furthermore the plates are easy to detach and replaceable with a variety of alternative plate dimensions. Preparation of one plate for sublimation is possible whilst the other plate is busy pressing. The Dynamic series are equipped with 3 different digital thermostats to maintain stable temperature control, additionally both time and the high pneumatic pressure are also adjustable digitally enabling precise control for all applications. Dynamic Series are also equipped with digital counters that keep track of production volumes and work rate. Plates are positioned in working height standards Dynamic Series press machines comply with CE safety standards.



OPERATION TYPES

- Piece digital paper to piece fabric
- Piece digital paper to sewn clothes
- Piece digital paper to hard surfaces (wood, glass)

OPTIONAL ACCESORIES

- 1 Steam Unit
- 2 Lower Vacuuming Plate
- 3 Laser Marking Feature
- 4 Teflon Plated Upper Chin



TECHNICAL SPECIFICATIONS

Heating System	: Heating Coil
Max. Temperature	: 230°C
Average Heating Time	: 20 min.
Power Supply	: AC 220V - 1Ph 50/60 Hz.
Air Intake (Bar)	: Min. 6 - Max. 10 Bars
Pressure Applied	: 600g/cm ² - 10 bar g/cm ²
System Type	: Pneumatic
Electrical System	: AC Invertor
Safety	: Emergency Buttons
Warranty	: 2 Years (User Fault Exempted)



NUMERIC VALUES

DYNAMIC SERIES

Machine	Plane Diameter		Max. Current Input	Total Power	Average Energy Consumption	Resistance Power	Engine Power	Dimensions
	Code	cm						
DYNAMIC80110	80*110	15,7 * 19,7	26	16	8	15	23	283*141*143
DYNAMIC100150	100*150	39,4 * 59	42,5	28	14	27	41	323*161*143
DYNAMIC150200	150*200	59 * 79,7	83,5	55	27	54	82	373*211*155
DYNAMIC150200	150*250	59 * 98,4	93	61	30	60	91	430*220*162

SCOPE OF APPLICATION



PUFFY SERIES

Puffy Type Embossing Heat Press

MACHINE INFORMATION

Our “Puffy” embossing press machines provide excellent heat distribution and offer dependable performance within your business. Our two-plate system increases output and reduces production time, furthermore the plates are easy to detach and replaceable with a variety of alternative plate dimensions. High pressure is mechanized by pneumatic system with adjustable print pressure. Preparation of one plate for sublimation is possible whilst the other plate is busy pressing. The digital thermostat maintains the temperature precisely and you can adjust the amount of time that pressure is applied on fabric for with a digital timer. Puffy series are also equipped with a digital counter that allows you to keep track of the number of finished products. By using the bolts placed on top of the pistons, the applied pressure can be restricted to desired limit. For safety reasons movement of the upper plates is activated by pressing the two buttons with both hands. Plates are positioned in working height standards. Puffy Series press machines comply with CE safety standards.



OPERATION TYPES

Fabric Piece to Fabric Piece Embossing
Digital Paper Pieces to Pieces of Fabric
Digital Paper Pieces to Hard Surfaces
(Wood, Glass, Metal)

OPTIONAL ACCESORIES

1 MDF Shelf

2 Pedal

3 Illuminating Unit

4 Teflon Plated Upper Chin

TECHNICAL SPECIFICATIONS

Heating System	: Heating Coil
Max. Temperature	: 230°C
Average Heating Time	: 20 min.
Power Supply	: AC 220V - 1Ph 50/60 Hz.
Air Intake (Bar)	: Min. 6 - Max. 10 Bars
Pressure Applied	: 600g/cm ² - 10 bar g/cm ²
System Type	: Pneumatic
Electrical System	: AC Invertor
Safety	: Emergency Buttons
Warranty	: 2 Years (User Fault Exempted)



NUMERIC VALUES

PUFFY SERIES

Machine	Plane Diameter		Max. Current Input	Total Power	Average Energy Consumption	Resistance Power	Engine Power	Dimensions
	Code	cm						
PUFFY3030	30*30	11,8*11,8	4,5	1	0,5	1	4,5	82*161*180
PUFFY4040	40*40	15,7*15,7	9	2	1	2	9	82*161*180
PUFFY50110	50*110	15,7*15,7	9	6	3	6	9	82*161*180
PUFFY100150	100*150	15,7*15,7	9	8	4	8	9	82*161*180

SCOPE OF APPLICATION



TRAY SERIES

Puffy Type Embossing Heat Press

MACHINE INFORMATION

Tray type heat press machines, with excellent heat distribution, provides an impeccable performance in your business. Forward / Backward movement is enabled by a timing belt pulley. Double plate structure saves substantial amount of time. High pressure is mechanized by pneumatic system with adjustable print pressure. Hydraulic system requires no air compressor. You can prepare your second plate for sublimation while other plate is busy doing printing. 3 different digital thermostats maintain the temperature precisely. You can adjust the amount of time that pressure is applied on fabric for with a digital timer. Tray Series are also equipped with a digital counter that allows you to keep track of the number of finished products. Plates are positioned in working height standards. Tray Series heat press machines comply with CE safety standards.



OPERATION TYPES

Piece digital paper to piece fabric
Piece digital paper to hard surfaces
(wood, glass)



OPTIONAL ACCESORIES

- 1 Smoke Suction Unit
- 2 Teflon Plated Upper Chin



TECHNICAL SPECIFICATIONS

Heating System	: Heating Coil
Max. Temperature	: 230°C
Average Heating Time	: 20 min.
Power Supply	: AC 220V - 1Ph 50/60 Hz.
Air Intake (Bar)	: Min. 6 - Max. 10 Bars
Pressure Applied	: 600g/cm ² - 10 bar g/cm ²
System Type	: Hydraulic
Electrical System	: AC Invertor
Safety	: Emergency Buttons
Warranty	: 2 Years (User Fault Exempted)

NUMERIC VALUES

TRAY SERIES

Machine	Plane Diameter		Max. Current Input	Total Power	Average Energy Consumption	Resistance Power	Engine Power	Dimensions
Code	cm	inch	Amp.	kW	kW	kW	kW	Cm
TRAY100150	100*150	39,3*59	39,5	26	13	24	36,5	200*252*137

SCOPE OF APPLICATION



COBRA
SERIES



DYNAMIC
SERIES

PUFFY ***SERIES***



TRAY ***SERIES***



DIFERRO
CALENDERS

NOTES

NOTES

WE MANUFACTURE IN TURKEY AND TRANSFER TO THE WORLD



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