

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.

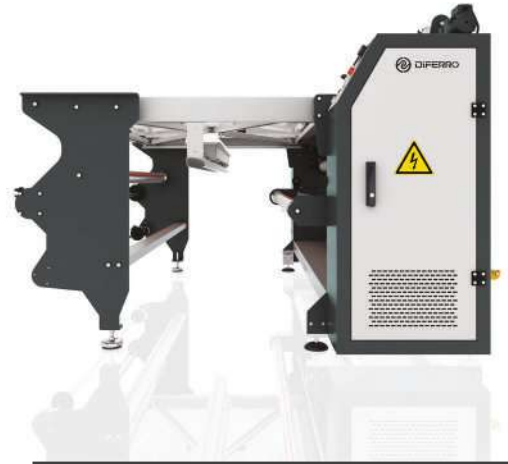


Small and compact machine.
Doesn't take up too much space.



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

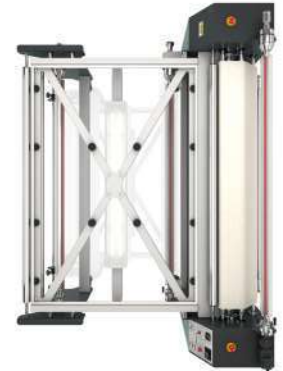
All of our machines are equipped with 100% Nomex seamless industrial felt belts that are reinforced with Kevlar material in order to avoid stretching. The expected lifetime for the belt on this unit is between 1 & 4 years depending on use. In order to eliminate movement of the felt belt to either side, 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)

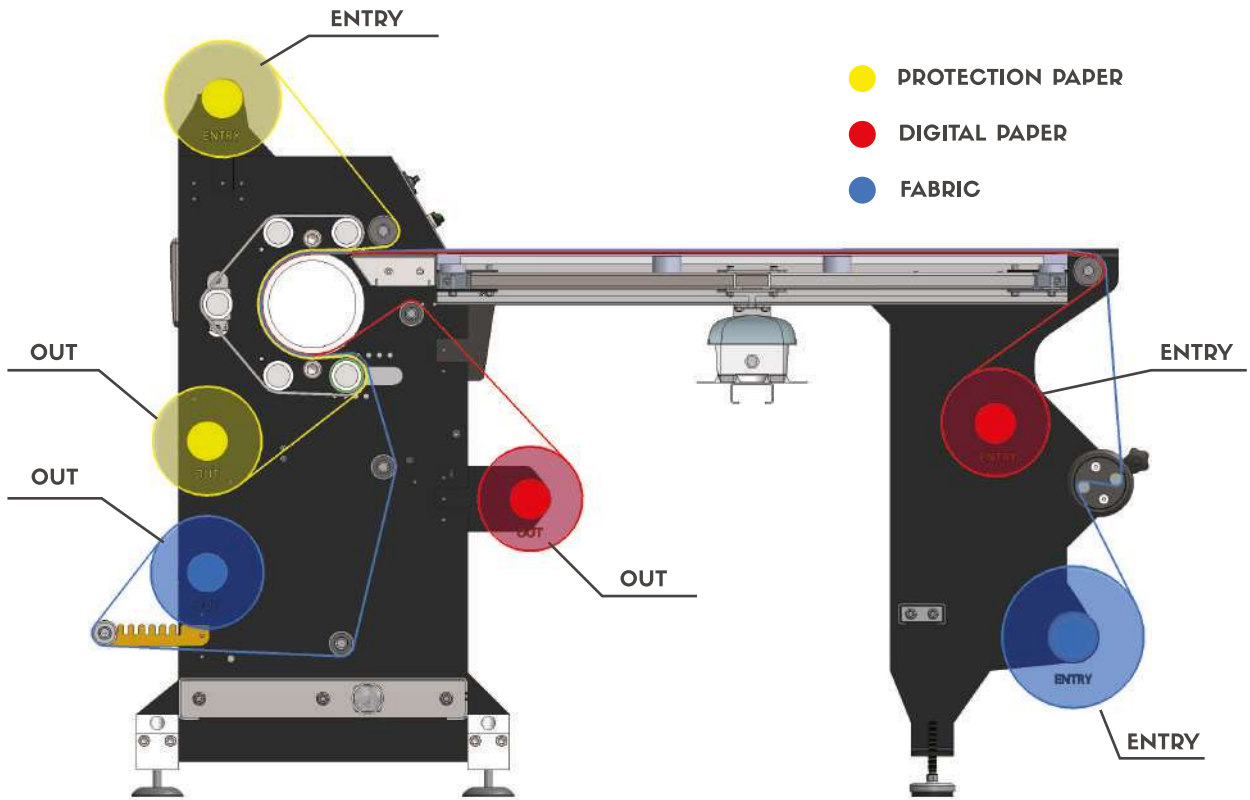
OPTIONAL ACCESORIES

- 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	Total Power	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	kW	kW	kW	Cm
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

