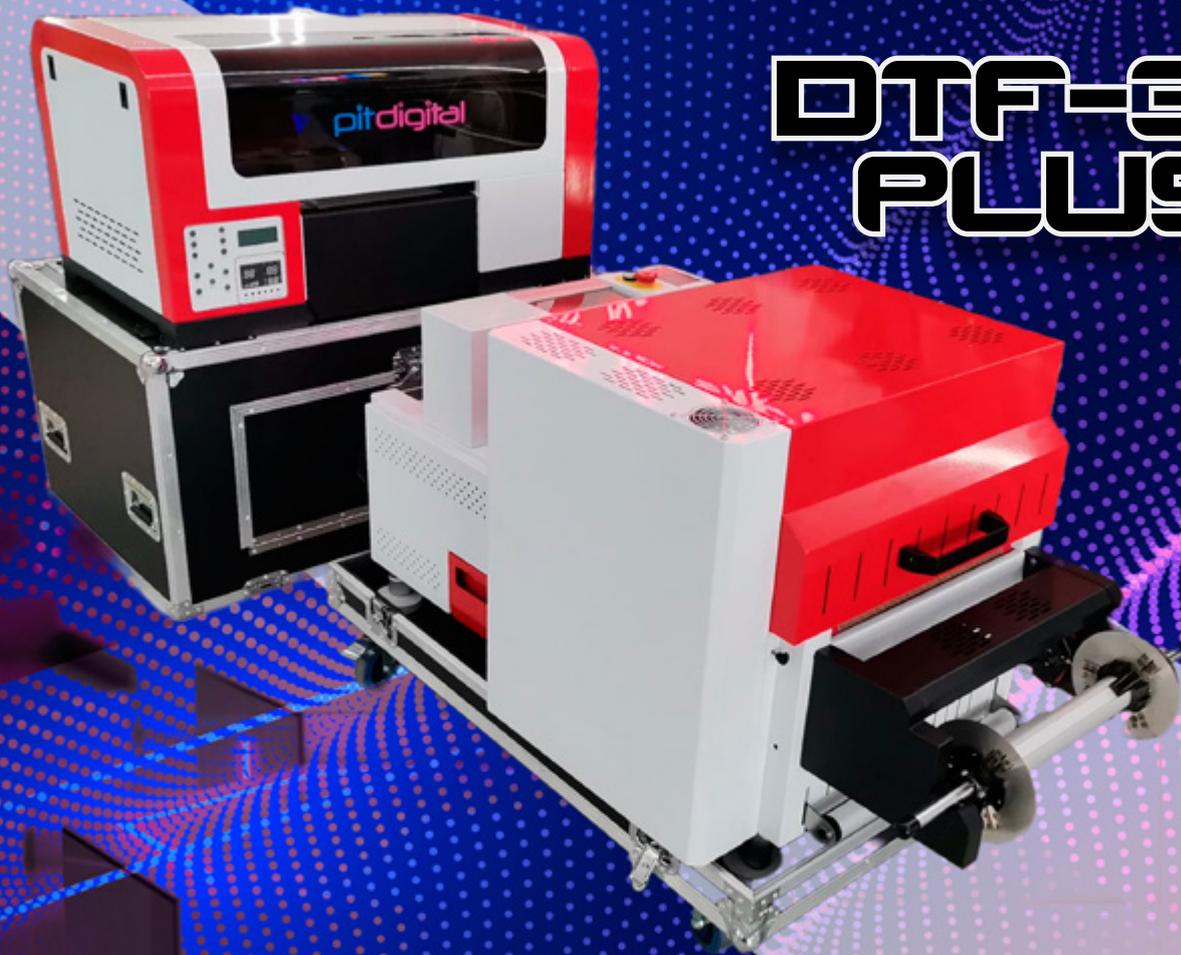


pitdigital

**DTF-30
PLUS**



DTF ROLL TO ROLL
30 CM PRINTING SYSTEM



DTF OVEN POWDER SHAKER AND DRYER



Operation mode	PLC Touch screen
Power voltage	220VAC 50Hz
Power electrical consumption	2 kW (10A)
Net Weight	100 kg.
Dimensions Oven	1500 mm. (L) x 720 mm. (W) x 670 mm. (H)

AUTOMATIC IN-LINE MOISTURIZING SYSTEM



In order to prevent ink from clogging the nozzle, the ink cap will eject some moisturizer every once in a while to keep the nozzle clean and moist. This is the automatic in-line moistening system. It will keep the printer nozzle in the best working state, avoid blocking the nozzles due to evaporation of water in the ink, and prolong the service life of the printhead.

TENSION FEED/TAKE-UP REEL



The film feed and take-up with tension system allows you to complete production unattended for a simple and precise workflow from printing to loading and feeding through the roll-to-roll securely wound.

INTEGRATED PURIFIER



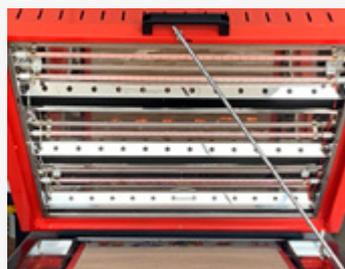
Integrated purifier to avoid exhaust pipes. This makes the use and installation of the machine easier.

SMART PLC TOUCH SCREEN



Equipped with an easy-to-use touch screen. Navigate the menu by simply touching the desired option.

INFRARED DRYING



Adjustable temperature infrared heating drying improves color reproduction.

ADJUSTABLE PINCH ROLLERS



Depending on the printing material, adjust the platen support to adjust the pressure of the pinch roller to ensure smooth film feeding and improve the printing quality. This will increase the friction force during film feeding, making the process more stable and reliable.

It ensures high printing accuracy during printing and output.

THK MUTE LINEAR GUIDE



Stable operation and low noise. The friction between the sliders of the silent guide rail is greatly reduced, and the retention of lubricating grease is improved, thus achieving low noise, high speed, long service life and long-term operation without maintenance.

WHITE INK CIRCULATION & FILTRATION SYSTEM



Our filter not only effectively captures large particles, gels and other impurities, but also allows the required pigment particles to pass through and remain in the ink.

The filter has excellent impurity filtering ability and longer service life.

FRONT, MIDDLE, REAR HEATING DEVICES



The film feed and take-up with tension system allows you to complete production unattended for a simple and precise workflow from printing to loading and feeding through the roll-to-roll securely wound.

LOW INK WARNING



When the ink level is too low the alarm on the ink bottles will beep to remind you to add ink.

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DTF-30 PLUS

DESCRIPTION

This new generation of DTF printers provides more reliability and stability. The powder application and curing oven is prepared for a printing width of 30cm, which is ideal for short and medium size runs, with a maximum printing speed of up to 6 m²/h. The PIT Digital DTF-30 plus system is made of a printer with a curing oven with an integrated air purifier. Moreover, its operation is more autonomous and the oven adds a tactile control panel for an easier and more precise operation.



PRINTER SPECIFICATIONS DTF-30 PLUS

Print Nozzle	Epson XP600		
Number printhead	2		
Resolution	2400 dpi máximo		
Print Speed	4 pass	6 pass	8 pass
	6 m ² /h	4 m ² /h	3 m ² /h
Ink	DTF/DYE		
Maximum Width	Maximum 300mm.		
Roll weight	50kg		
Print Media	PET		
Rip Software	Digital Factory CadLink V. DTF		
Colours	CMYK + WW (with recirculated ink) and choice of orange and green or fluo yellow and fluo magenta colors.		
Ink tanks	8 tanks		
Take-up	Take-up automatic.		
System Curing	Cured with infrared lamps		
File Format	PNG/EPS/JPG/PDF		
System operating	Windows 10		
Net weight / Gross weight	80 kg. / 120 kg.		
Dimensions of printer	980mm (L) X 630mm (W) X 530mm (H)		
Power and electrical consumption	220 volt (± 10%) 50/60 Hz / 0,8kW (3,6A)		
Operating Environments	20° a 35° C 35% - 65% humidity		



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