





DESCRIPTION

DIGIPOR - DIGITAL LINE -

Digipor digital line is an innovation system for decoration of polystyrene packaging with new digital concept. Thanks to our experience in a digital printing system and automation and the big experience in production of polyester material of our OEM partner, so our know how in this type of application is very high. A new philosophy in a polystyrene packaging decoration for give more visibility and more value to your business; infact the visibility of brand is one of the most important voice in a marketing investment and in this direction we can drive you! Our research department invest more than one year for development this type of application and create a special ibrid inks in partnership with a chemical industry dedicate to polystyrene with high capacity of saturation, brilliant, wash resistant and water contact and most of all with an new atossic formulation to water base pigment and legant agents, thanks to this we are able to print directly on polystyrene whit high quality and speed and whit infinity possibility of imagines to print!

We are in patent for this application that is a new in a world, like concept of movement of the materials and like the type of applications whit more than 20 differents code inside. digipor is a new possibility on the polysterene expanded packaging box for give more value to it and also for increase the turn over of productions. Digipor is a concept application with a digital printer inside and special software -rip for create your job and for line control. Thanks to digipor-rip we can control all the functions of line in easy way for work 24 h day.

Digipor can be made in 3 different configurations: DIGIPOR EASY, DIGIPOR 1, DIGIPOR 2 for have a full total range of possibility. More important date is the productions that is possible to do, infact digipor can be print 10 packaging in 60/80 seconds (+/-) in automatic way.

GENERAL TECHNICAL INFORMATIONS:

- PRINT AREA : FROM 600 TO 1200x500 mm
- TIKNESS OF MATERIAL: FROM 50 TO 650 mm
- PRODUCTION CICLE : SEMIAUTOMATIC -AUTOMATIC
- PRODUCTION DATES : FROM 40 SECONDS WITH A MEDIUM RESOLUTION 360
- DPI, ENCREASE IN VARIABLESTEP
- PRINTER ENGINE : PIEZO-ELETTRIC HEADS
- AUTOMATIC CLEANNING SYSTEM WITH RIP CONTROL
- REMOTE CONTROL WITH HELP-DESK ACTIVATION
- AUTOMATIC FEEDER OF MATERIALS IN PRINT STATION
- AUTOMATIC RESQUARE SYSTEM FOR GOOD ALLINEAMENT OF MATERIALS
- TECNOLOGY: INK-JET VARIABLE DOT
- INKS : SPECIAL FORMULATION -DIGIPOR INKS-
- INK SYSTEM : INK-FILL AUTOMATIC RELEVELLING WHIT AUTOCIRCLE
- RESOLUTION : VARIABLE FROM 360 TO 1440 DPI
- GESTIONABLE SOFTWARE-RIP: DIGIPOR-RIP
- CONFIGURATIONS OF PRINTER : DOUBLE C,M,Y,B - 8 CHANNEL
- DRY SYSTEM WITH HOT-AIR CIRCULATION WITH VARIABLE POWER OF BLOW AND DIMENSION TURNABLE SYSTEM FOR PRINT IN DOUBLE FACE IN AUTOMATIC WAY
- (ONLY IN A DIGIPOR 2 MODEL)**
- ROLLER SYSTEM WITH FOTOSENSOR FOR MOVEMENT AND STAKER THE MATERIALS
- AUTOMATIC MAGAZIN TO 10 PLIES IN PRE-PRINT AREA **(ONLY DIGIPOR 1 AND 2)**

DIGIPOR VARIABLE CONFIGURATIONS

CONFIGURATION A) DIGIPOR EASY

SEMIAUTOMATIC LINE FOR ONE SIDE WHIT AUTOMATIC FEEDER OF PACKAGING, LOADING AREA. PRINTING STATION, RACCORDING AREA TO DRYER STATION, DRYER STATION, UNLOADING AREA WITH 5 UNITS OF MAGAZINE, ONEL CONTROL AREA WITH TOUCH SCREEN AND FLAT VIDEO
 PRINT DIMENSION : 620 X 500 MM
 TICKNESS : FROM 50 TO 550 MM

ALL THE CONFIGURACIONES USE THE SOME TECNOLOGY, SOFTWARE AND HARDWARE DPI-SER.TEC EDITION, ALL THE DESCRIPTIONS IS DESCRIPTE ON THE GENERAL TECHNICAL DATE

CONFIGURATION : B) DIGIPOR 1

LINE AUTOMATIC FOR ONE SIDE WITH AUTOMATIC FEEDER, LOADING ZONE, PREPRINT AREA, PRINTING STATION, RACCORDING AREA TO DRYER STATION, DRYER STATION, UNLOADING AREA WITH MAGAZINE UNTILL 10 PACKAGING BOX, ONE CONTROL AREA WITH TOUCH SCREEN AND FLAT-VIDEO
 PRINT DIMENSION : 1200 X 500 MM
 TICKNESS : FROM 50 TO 650 MM

CONFIGURATION C) DIGIPOR 2

FULL LINE COMPLETELY AUTOMATIC WITH FEEDER, LOADING ZONE, PRE-PRINT AREA, 1 PRINTING STATION, RACCORDING AREA TO DRYER STATION, 1 DRYER STATION, ROLLER FEEDER TO 2 PRINTING STATION, TURNABLE STATION OF PACKAGING, 2 PRINTING STATION, RACCORDING AREA FOR 2 DRYER STATION, 2 DRYER STATION. UNLOADING AREA WITH MAGAZINE UNTILL TO 10 PACKAGING BOX, 2 DIFFERENT CONTROL AREA WITH TOUCH SCREEN AND FLAT-VIDEO
 PRINT DIMENSION : 1200 X 500 MM
 TICKNESS: FROM 50 TO 650 MM

BOARD CONTROLLER CONSOLLE WITH TOUCH SCREEN AND PC STATION WITH FLAT VIDEO . SOFTWARE AND HARDWARE SER-TEC PRODUCTION SPECIAL DIGIPOR EDITION GRAPHIC RIP WITH LINEARIZATION AND ICC PROFYLE ADJUSTABLE INCLUDED. REMOTE CONTROLL WITH ETHERNET CONNECTION AND USB PORT FREE . TEMPLATE OF DIFFERENT KIND OF PACKAGING AVAILABLE AND CONFIGURABLE. HISTORY OF JOBS IN A MEMORY WITH NUMBER OF CODE. CE CERTIFICATION AND TERM OF NORM IN ELETTRONIC REQUIRE . POWERED : 380 VOLT-50 HZ -8 BAR IN LINE CONFIGURATION OF LINE AND LAY-OUT IS VARIABLE TO THE CUSTOMER REQUEST BEFORE TO ORDER . MARKETING VIDEO OF TECNOLOGY IS INCLUDED FOR YOUR MARKETING ACTION WITH LICENSE TO USE AND SHOW . LICENCE AGREEMENT FOR USE THIS PATENT PENDING FROM ERREVI SRL .

Some examples of printing:



Dealer: