

## 6CFB - 6 COLOUR HORIZONTAL PRESS CERAMIC FLEXO PRINTING MACHINE



### 6FB - 6 COLOR HORIZONTAL CERAMIC FLEXO PRINTING MACHINE:

Our company introduce advanced technology, improved from the 6FB (Horizontal Ceramic Flexo Print) Series, with print quality, energy consumption, automatic control of complete, stable performance easy operation and maintenance. Photosensitive resin is used as a brush version of the soft version of the printing press, suitable for printing OPP, Aluminum, Triplex & Coated Paper, Web and other packaging materials.

## TECHNCAL SPECIFICATION:

<u>MODEL</u>	<b>USLUPAK – 6FB</b>
<u>TYPE</u>	<b>6FB - 6 COLOR HORIZONTAL CERAMIC FLEXO PRINTING MACHINE</b>
<u>MACHINE WEIGHT</u>	<b>2000 kg</b>
<u>MACHINE DIMENTIONS</u>	<b>Length:6000 mm Width:1700 mm Height:1500 mm</b>
<u>TOTAL ELECTRIC POWER</u>	<b>4Kw/hr. 3X380V 3 faze 60 Hz ( A quality)</b>
<u>MAIN MOTOR POWER</u>	<b>NERIMOTORI model. Electric Motor with redactor power: 1,5 kw 220/380 V – 2.6/1.5 A 50 Hz – 1400 rpm Made in turkey</b>
<u>PRINTING STATIONS</u>	<b>6 Color Stations</b>
<u>INDEPENDENT COLOR PRINTING</u>	<b>1 Color, 2 Color, 3 Color, 4 Color,5 Color ,6 Color</b>
<u>UV DRYING UNIT WITH FANNER</u>	<b>For LAK layer printing (1 Unit)</b>
<u>(E.P.C) EDGE POSITION CONTROL UNIT</u>	<b>For web edge control (Web Guiding Unite)</b>
<u>WEB TENSION CONTROL UNIT</u>	<b>Magnetic tension unit adjusted on unwinder</b>
<u>CHAMBERED DOCTOR BLADE</u>	<b>For Anilox Rollers and saving ink quantity</b>
<u>SLICING UNIT</u>	<b>For slicing printing paper in deferent dimensions</b>
<u>DOUBLE UNWİND PNEUMATIC AIR SHAFTS</u>	<b>For unwind and rewind rollers unit</b>
<u>INFRARED LAMB DRYING UNITS</u>	<b>(IR) Inferared dryer lambs For drying the ink of the printing stations ( 5 units)</b>
<u>CAMERA REGISTRATION SYSTEM</u>	<b>Camera Registration system for print and anilox rollers.</b>
<u>PRINTING WIDTH</u>	<b>600 mm</b>
<u>MAX.WEB DIA. OF UNWINDER</u>	<b>Ø 500 mm</b>
<u>MAX.WEB DIA. OF REWINDER</u>	<b>Ø 500 mm</b>
<u>PRINTIG SPEED</u>	<b>80m - 120m per min. (According to the type of press paper material )</b>

<b><u>PRINTING BLOCK THICKNESS</u></b>	<b>1.70 cm</b>
<b><u>PRINTING BLOCK CYLINDER</u></b>	<b>Laser Engraved Ceramic Anilox Rollers (5 Rollers)</b>
<b><u>ANILOX ROLLER DIAMETER &amp; ENGRAVED LENGTH</u></b>	<b>Ø89mm , 400mm</b>
<b><u>PRINTING ANILOX ROLLER NUMBER &amp; DOT SIZE</u></b>	<b>6 anilox rollers (1000 LPI)</b>
<b><u>COUNTING TYPE</u></b>	<b>Digital counter for press paper</b>
<b><u>MAXIMUM AIR PRESSUER NEEDS</u></b>	<b>500mlt/min.</b>
<b><u>TYPES OF PAPER SUPPORTS</u></b>	<b>Polypropylene , (polyester),OPP, PE paper laminated foil PE + AL + PP laminated, cellophane, pearlized and aluminum laminated packaging materials, sealable material and the laminated quality at least 30 g/m2 PE . PE80/A1.Foil7/Pet12</b>
<b><u>DOUBLE SIDED STICKY BAND</u></b>	<b>0.30 mm</b>
<b><u>PRINTING PAPER THICKNESS</u></b>	<b>80-140 micron</b>
<b><u>COIL DIAMETER INLET-OUTLET</u></b>	<b>Ø 76mm</b>
<b><u>ELECTRIC PANAL CONTROL BUTTONS</u></b>	<b>EMERGENCY STOP Button: KRAUS &amp; NAIMER KG 20 , B T203/01, DE 14 B546 , 32 /000300 Made in Germany START/STOP Button: Emas B2 , 300 V , 2.5 kw Made in Turkey Manual Drive Button: EATON M22-K10 6 KV, 500 V Made in USA</b>
<b><u>CHASSIS MATERIAL</u></b>	<b>Standard metal chassis with static metal powder paint ST -37 sheet metal.</b>
<b><u>WARRANTY</u></b>	<b>1 year for electrical parts 2 year for mechanical parts</b>
<b><u>PRODUCTION TIME</u></b>	<b>120 working days</b>
<b><u>INSTALLATION AND TRAINING</u></b>	<b>2 working day installation and training</b>
<b><u>MACHINE TRANSPORTING PACKAGE</u></b>	<b>Wooden Packaging Box</b>



## **PRINTING FEATURES:**

- **6 color stack type ceramic flexo print stations.**
- **Independent color using for printing as 1, 2, 3, 4, 5, 6 colors.**
- **Laser Engraved Ceramic Anilox Rollers with narrow web,**  
**The anilox rollers have fine tuning lever.**
- **The ink is passed by the Anilox roller, and the color of ink is well-distributed.**
- **Ink mixing driver units, to increase the ink quantity and best print.**
- **Easy to operate, start softly and color register accurately.**
- **It can set the printing number according to the requirement.**
- **Automatically stop when the quantity is enough or the machine is short of material.**
- **All rollers have a manual adjusting screw for easy disassemble for cleaning.**
- **Infrared (IR) lamb dryers for printing stations.**
- **Pneumatic Air Shafts. For unwind and rewind rollers, Roller to roller winding.**
- **Running machine fine cross tuning set.**
- **Temperature controller for heater ensures saving in power.**
- **Input pulling rubber rollers with pneumatic press to help tensioning process for web guide.**
- **All rolls are dynamically balanced and hard chrome plated.**
- **Easy accessibility and flexibility.**
- **Pneumatic Air Brake Shaft for Unwind.**
- **Pneumatic Air Brake Shaft for Rewind.**
- **Controlled Web Tension Control Device on Unwind, Main & Rewind**
- **(E.P.C) EDGE position control - Web Guide Unit before printing**
- **Chambered Doctor Blade**
- **UV drying Unite with fanner for LAK layer printing**
- **Pneumatic Air Brake Shaft for slicing unit.**
- **Camera Registration system for print and anilox rollers.**