

 **Fulontek**

**AUTOMATIC SHEET TO ROUND  
PRESSING HOT STAMPING AND  
EMBOSSING MACHINE**



**Fulontek Enterprise Co., Ltd**

**SPECIAL**

**FULL FORMAT HOT STAMPING AREA  
1020mmX720mm**

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# HOT STAMPING FUNCTION

## EMBOSSING FUNCTION

### SPECIAL DESIGN :

- (1) Heat transfer oil circulation system for edition cylinder ◦
- (2) Cooler Cooling transfer oil circulation system for rubber cylinder ◦
- (3) Cooler Cooling transfer oil circulation system for copper bearing of the edition cylinder ◦



DATA	Model:FLHE-1050
Embossing ◦ Hot Stamping area	1020mmx720mm
Embossing ◦ Hot Stamping Plate size	1020mmx835mm
Max.Paper Size	1050mmx750mm
Min.Paper Size	400mmx300mm
Processed Thickness	0.07~0.8mm
Embossing Job Capacity/Hour	1,200~2,100 sheets/hour
Hot Stamping Job Capacity/Hour	2,400~30,00 sheets/hour
Foil Film Feed Device(Motor)	3 sets
Embossing ◦ Hot stamping Pressure line	12~19 ◦ 6~8
Power Required	51KW
Air Required	8kgf/cm <sup>2</sup> (114psi),720 l/min
Power Supply	AC 3Phase 220v,380v,400v (depend on local area)
Net Weight	8,500.Kgs
Machine Dimension	7000x3600x3900mm

## Features

- 1.Heated by heat transfer oil,the temperature is even and the precision roundness is ideal.
- 2.The axis of plate roller is equipped with cooling system,that prevents axis from swelling.The axial sleeves is accurately attached with the axis,rendering smooth operation.
- 3.Pressurize roller surface is equipped with cooling system:This desing prevents heat transmission from plate roller to the surface of Pressurize roller roller.During machine operation,the temperature of the Pressurize roller is kept as room temperature for the printing of papers and plastics such as PP and PET.With this condition, there won't be deformation after embossing and hot stamping,and the processing afterward will be smoother.
- 4.Embossing plate:Made of stainless steel.
- 5.Hot stamping plate:Stainless plate,Hot stamping without plate:UV oil,or toner.
- 6.Hot stamping without plate:
  - a.Add UV oil onto screen printing device and print on paper,and then proceed hot stamping of the paper.
  - b.Spraying toner onto paper and proceed hot stamping onto paper.This method makes better quality compared with stainless steel plate hot stamping.
- 7.Hot stamping after printing:This machine can proceed printing after hot stamping procedure,such as coated paper,clay coated paper,and card paper.
- 8.Huge area hot stamping:This machine can proceed hot stamping with greater area without making bubbles.
- 9.Expand roller center is located at the center of the stamping pattern,and there are scale icons at the axis center.All the expanding rollers of the same axis are at the same location so that the location of stamping membrane will be the same.
- 10.Patented products.