

**CONTAGOR PHS** is a multipurpose high speed rotary suction destacker machine, to use for automatic and continuous supplier of sheets of papers and cardboard (from 60 to 400 grs/m<sup>2</sup>), brochures, flat boxes, envelopes with or without documents, in order to do finishing operations and optionally special inkjet applications.

Optional accessories and devices could be added which allows doing finishing jobs, like perforation, microperforation, scoring and slitting over self-adhesive papers. It is possible to combine one or some of these in only one pass and in whichever place of the sheet with excellent results. Also an inkjet printer systems can be added\*\*.

**CONTAGOR PHS** uses a continuous non-stop feeder assist by a combination of friction and suction drum under the pile. The system is user friendly, versatile and with high accuracy, for the professional use. A wide range of papers, NCR sets, cardboards, envelopes, flat-boxes, and labels with regular or irregular shapes can be feed easily. All models include a rotary vane pressure vacuum pump with 40 m<sup>3</sup>/h air flow, oil-free working and air cooled.



Two models with different maximum sizes:

**CONTAGOR PHS 500, 52x52 cm**

**CONTAGOR PHS 650, 65x52 cm**

The speed reaches **80 meters per minute**, allowing a high productivity level (approx. 18.000 A4/hr).

Set-up is less than other similar machines.

Optionally AGORjet HP & Xaar based inkjet printing systems can be added for printing variable and fixed test, barcodes, logos, numbering and more.

The machine can be connected to CONTAjet belt conveyors line to increase printing capabilities.

**CONTAGOR PHS** is so useful that it allows adapting at almost all finishing jobs. Thus, our technical department studies whichever application needed, including accessories for specific jobs.



*\*\* For printing fixed & variable test, numbering, lineal & 2D barcodes, logos, images, and connection with external databases.*

Easy to use. The control panel is set on operator's side and include multiple functions among them optoelectronic **double sheet detector** stand. Beside, run, pulse-on, stop buttons, speed control are included.

Through the display user message are shown. The control includes a total counter and a batch counter with automatic stop or stop and go programmed by time.

The perforation system includes two parallel perforating shafts, to have a minimum distance between lines (1 mm). Choices of perforation wheel: 5, 17, 25 and 52 teeth per inch will work most types of stock. V scoring and cutting (kiss cutting) wheels are also available





## TECHNICAL FEATURES

**CONTAGOR™ PHS**

### STOCK SIZE (wide x length)

Model **PHS-500**: Min.10x10 cm (3.9"x3.9") Max.52x52 cm (20.5"x20.5") Optional: 52x65 cm (20.5"x25.6")

Model **PHS-650**: Min.10x10 cm (3.9"x3.9") Max.65x52 cm (25.6"x20.5") Optional: 65x65cm (25.6"x25.6")

### FEEDER SYSTEM

Non-stop feeder system in a combination of friction, suction, and blown air from the bottom of the pile.

Stock weights from 60 to 400 gsm.

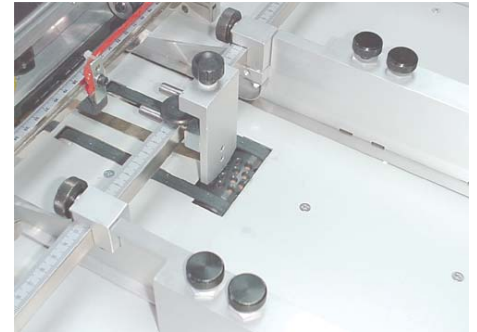
### ELECTRONIC CONTROL

Run, Stop, pulse on, speed variation

Double sheet optoelectronic detector

Total and batch programming counter

LCD display with messages to user



### PRODUCTION / SPEED

Variable speed up to 80 meters per minute (approx. 18.000 A4 per hour). This productivity is independently of the quantity of lines making perforations.

### CONTAGOR™ PERFORATING, MICROPERFORATING AND SLITTING SYSTEM

The perforation, scoring or slitting wheels are mounted over dismountable perforating arms, which adapt quickly on the working place. The mark or cut is made over rings of special hard steel, designed to obtain different results.

4 choices of perforating wheels: 5 - 17 - 25 and 50 tpi

Min. distance between the sidesheet edge and first perforating line: 6 mm

Min. distance between wheels: 12 mm (1 mm using the two shafts)

Maximum quantity of arms/lines: 6 (suggested) per shaft

### ELECTRICAL CONNECTIONS

Voltage: 220-240VCA/50 Hz (optional 108-115VCA/60Hz) – Power: 2.1Kw

### DIMENSIONS AND WEIGHT

Model PHS-500: 140x78x107 cm (LxWxH). Weight: 80 Kg

Model PHS-650: 140x93x107 cm (LxWxH). Weight: 82 Kg  
depending of the accessories and optional parts included.



### SAFETY

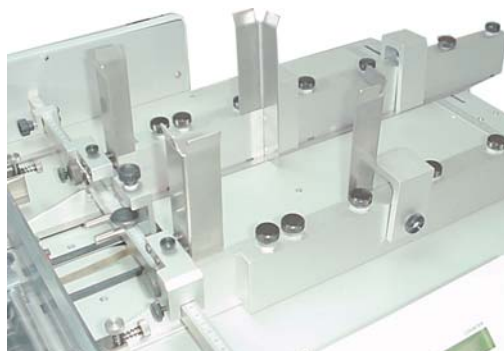
Machine directive certification 2006/42/EC. Directives 2006/95/EC and 2004/108/EC

## Perforation, Micro-perforation, Scoring, Slitting

### Optional High Magazine kit.

For certain jobs, the loading capacity of the feeder can be increased up to a height of 200 mm. Additional side guides are available for these applications.

These paper guides may only be used efficiently for paper sizes up to A4.



### Semisplitting process

