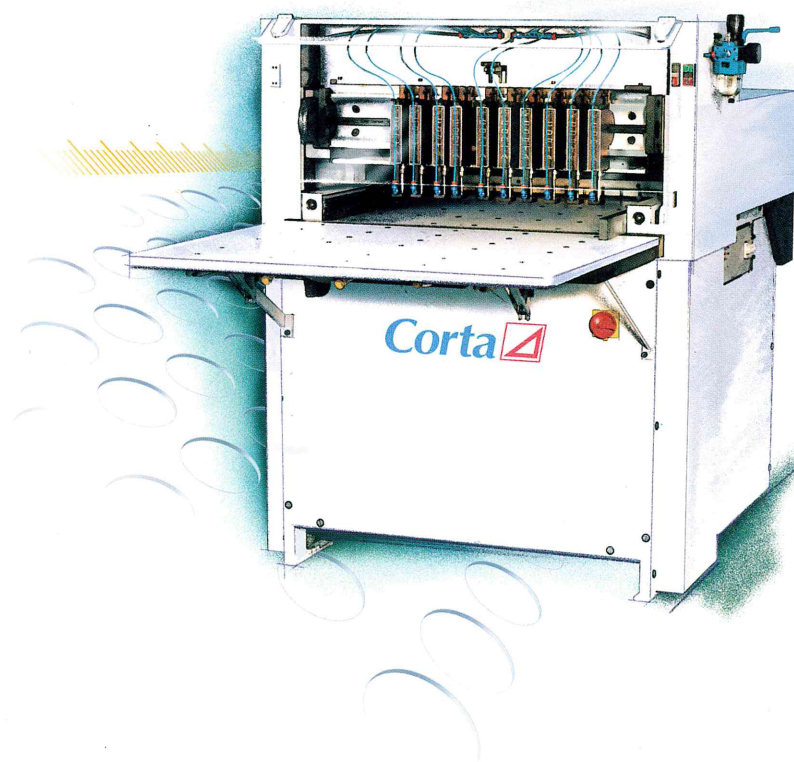


Competitive  
paper drilling machines



Corta  
Paper drilling  
machine  
**PB 05**

Innovative technology for drilling  
of large formats before cutting

**Corta**   
Dürselen GmbH

## Corta PB 05, the high-power drilling machine

### **Corta PB 05**

drills efficiently large sheets printed with multiple images before cutting them to their final size.

### **Corta PB 05**

is perfect for drilling tags and sheets for loose-leaf collections as well as for the endorsement of misprints e.g. of shares, bank notes and stamps.

### **Corta PB 05**

has a programmable, electronically controlled positioning of the piles similar to the principle of a guillotine. This technology achieves highest productivity and quality.

### **Corta PB 05**

takes paper sizes up to 1.050 x 1.050 mm (41" x 41"). For easy handling of the heavy piles an air-table is included as well as stepless adjustable stroke speed and spindle speed regulation. The parameters for stroke speed and spindle speed can be stored with the program for each drilling job.

### **Corta PB 05**

is available optionally with a drill bit cooling and lubrication system, with impulse lubrication for the inside of the drill bits and with the Corta drilling belt instead of drilling stick.

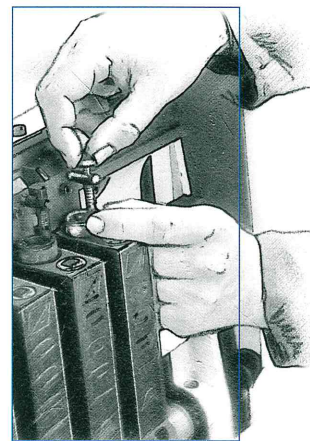
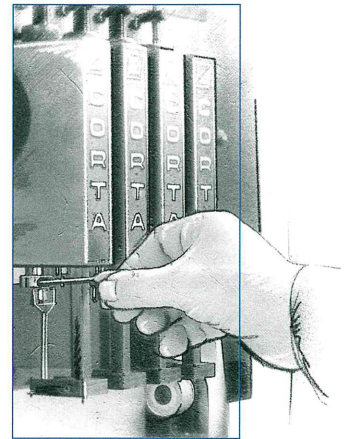
### **Corta PB 05**

offers huge economical advantages when drilling small sized products by the secure positioning and easy handling when processing the large paper size before cutting.

### **Corta PB 05**

achieves an output of e.g. 2,5 Mio. tags per hour. A program with 25 steps is drilled in 90 seconds.

An example for the productivity: when drilling tags sized 6 x 6 mm on paper 60 gr/sqm Corta PB05 achieves an output of 750,000 pieces per hour.



## Corta PB 05, easy to operate as the whole Corta range.

Exchange of drill bits within 10 seconds by loosening one screw, even if the drilling heads stand close together.

Easy length adjustment of the drill bit by pulling a spring bolt and turning a micrometer screw.

Additional drilling heads are simply slid on the machine after loosening 3 screws.

## Corta PB 05, technical data

**Number of drilling heads:**

up to 22 heads

**Drill bit diameter:**

3 mm up to 14 mm (1/8" up to 9/16")

**Hole distance:**

31,7 mm up to 1.050 mm (1 1/4" up to 41 1/3")

**Insertion depth behind the drills:**

up to 1.050 mm (up to 41 1/3")

**Table length in front of the drills:**

500 mm, optional up to 850 mm  
(19 2/3", optional up to 33 1/2")

**Maximum stack height:**

50 mm (2")

**Power requirements:**

230 / 400 Volt, 3 phases, 50 cycles  
Output according to model. Other  
voltages on request.

**Dimensions:**

1.850 mm (width) x 2.100 mm (depth)  
x 1.500 mm (height)  
(72 3/4" x 82 1/2" x 59")

**Weight:**

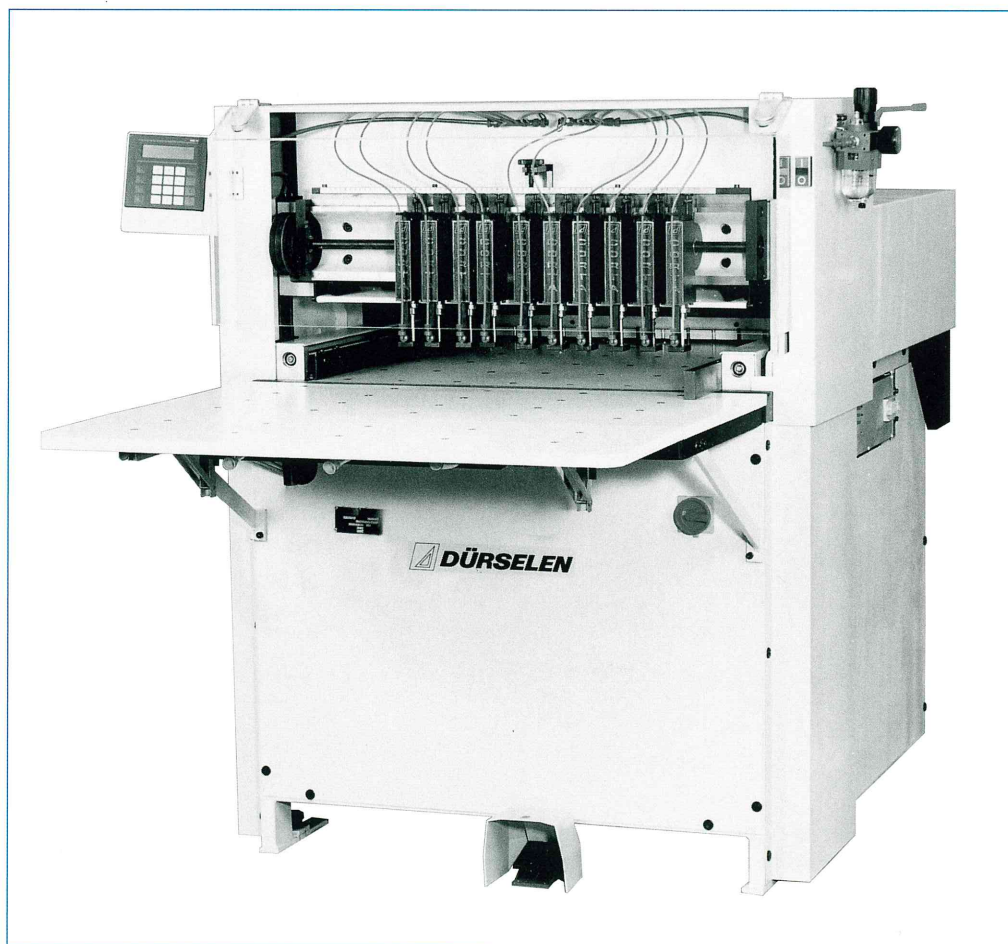
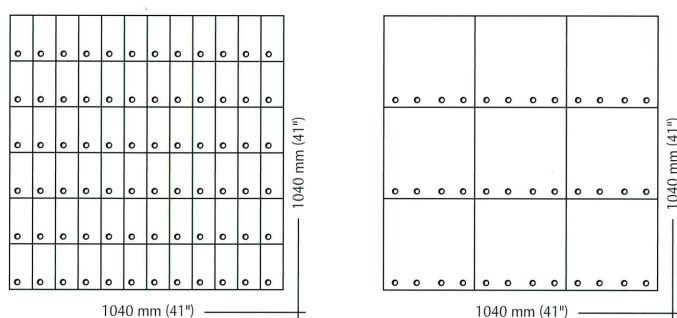
1.080 kg

*Design and technical data  
are subject to change.*

**Corta PB 05 - 720:**

For economical processing of smaller  
sheets there is a version available with  
table dimensions of 720 x 720 mm  
(28" x 28").

Technical data on request.



Corta paper drilling machines,  
the applications.

The range of  
**Corta paper drilling machines**  
are proven in practise in various  
applications:

loose-leaf works.

file holes.

In-line solution with guillotine.

drilling plastics.

drilling loose-leaves automatically.

drilling for ring binders.

integrated cutting and drilling.

drilling flip charts.

in-line solution with a banding  
machine.

holes for wire comb binding.

drilling stitched products automatically.

drilling of filofax systems.

drilling films.

in-line solution with digital printing  
systems.

drilling glossy paper.

drilling tags in large sheets.

drilling folded sheets automatically.

holes for spiral binding.

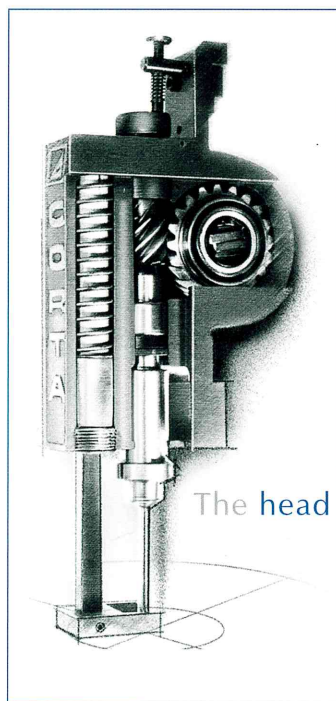
in-line solution with shrink wrapper.

drilling brochures automatically.

Corta paper drilling machines,  
for professional use in any application.

The range of  
**Corta paper drilling machines**  
is a proven series for all finishing  
requirements.

The range of  
**Corta paper drilling machines**  
offers easy to operate and technically  
superior solutions for all standard  
drilling jobs as well as for special  
applications and different capacity  
requirements. The central element of  
Corta paper drilling machines are the  
Corta drilling heads.



The head makes the difference

**Corta paper drilling machines**  
is a range built by Messrs. Dürselen  
GmbH in Mönchengladbach,  
Germany.

#### **Dürselen GmbH**

develops by sample material and  
customer specification solutions for any  
application from the field of drilling ,  
finishing and automation. According to  
individual requirements proven  
standard machines are combined with  
individual solutions to offer productive  
and well performing systems.

#### **www.duerselen.de**

The Dürselen homepage offers a general  
idea about the advantages and technical  
data of Corta paper drilling machines as  
well as news and dates of exhibitions.

**Dürselen GmbH, Oppelner Straße 33, D-41199 Mönchengladbach, Germany**  
**Telefon: ++49/ +2166/ 609174, Fax: ++49/ +2166/ 609178**

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**Corta**   
**Dürselen GmbH**