CYKLOS

PRINT FINISHING MACHINES

Product Catalogue

TRADITIONAL CZECH MANUFACTURER

SINCE 1928

CREASING AND PERFORATING MACHINES

PAPER FOLDERS

PUNCHING MACHINES

CORNER ROUNDERS

BUSINESS CARDS SLITTER

ROTARY TRIMMERS

MOBILE TABLE

Learn more about our production at

www.cyklos-technology.com

CREASING MACHINE **KSL 320**

Our simplest and best value standard SRA3 creasing option from the whole Cyklos product range of machines. This basic but quality solution with a working width 320 mm has the versatile option of making two types of creases and can crease up to 400 gsm thickness.

- metal construction
- large working feed table for sheet formats up to SRA 3
- two widths of creasing channel

ergonomic bar
for easy creasing
with minimum use of power

side adjustment wheels
for quick exchange
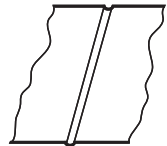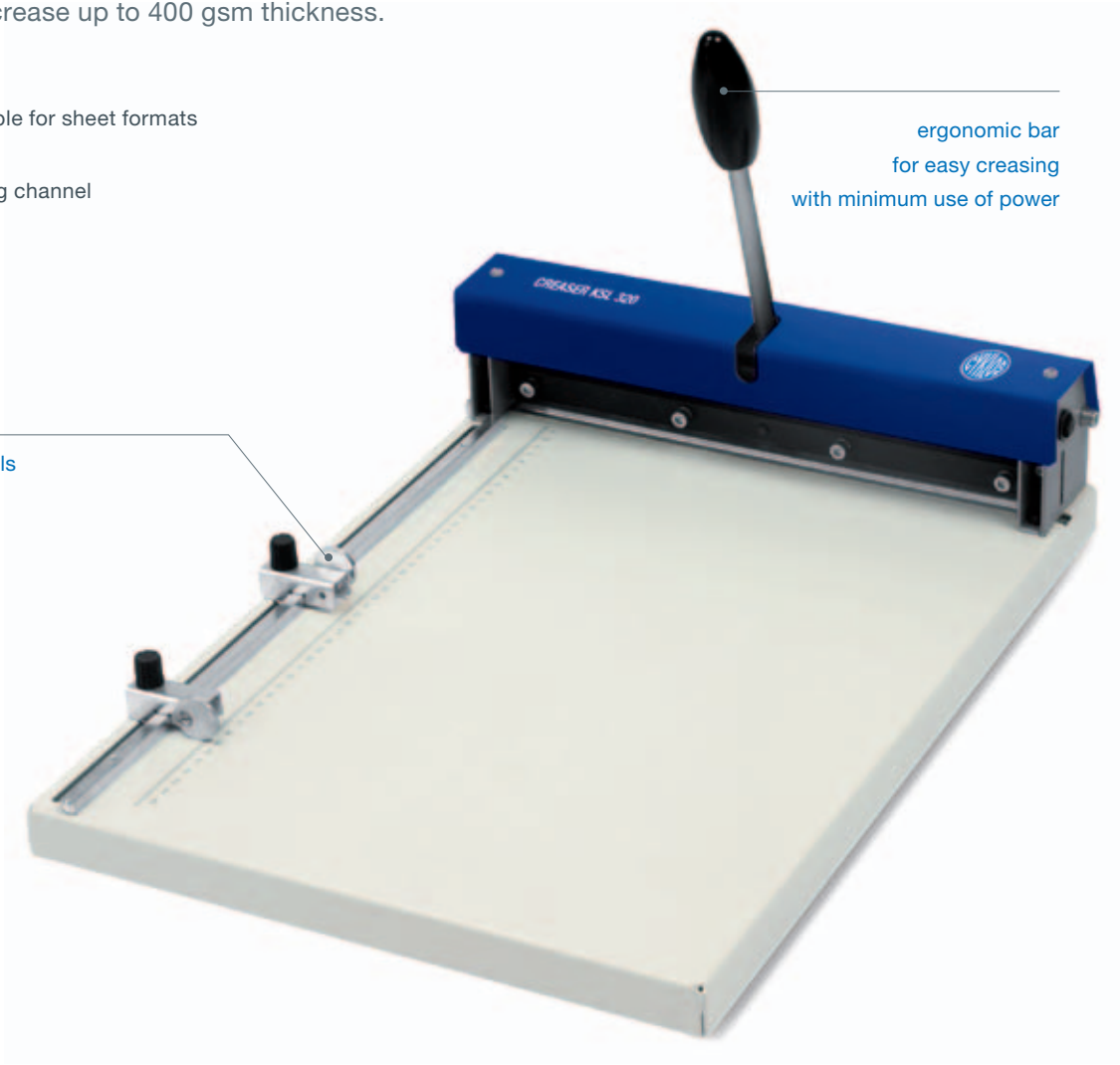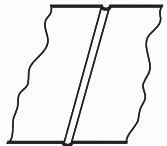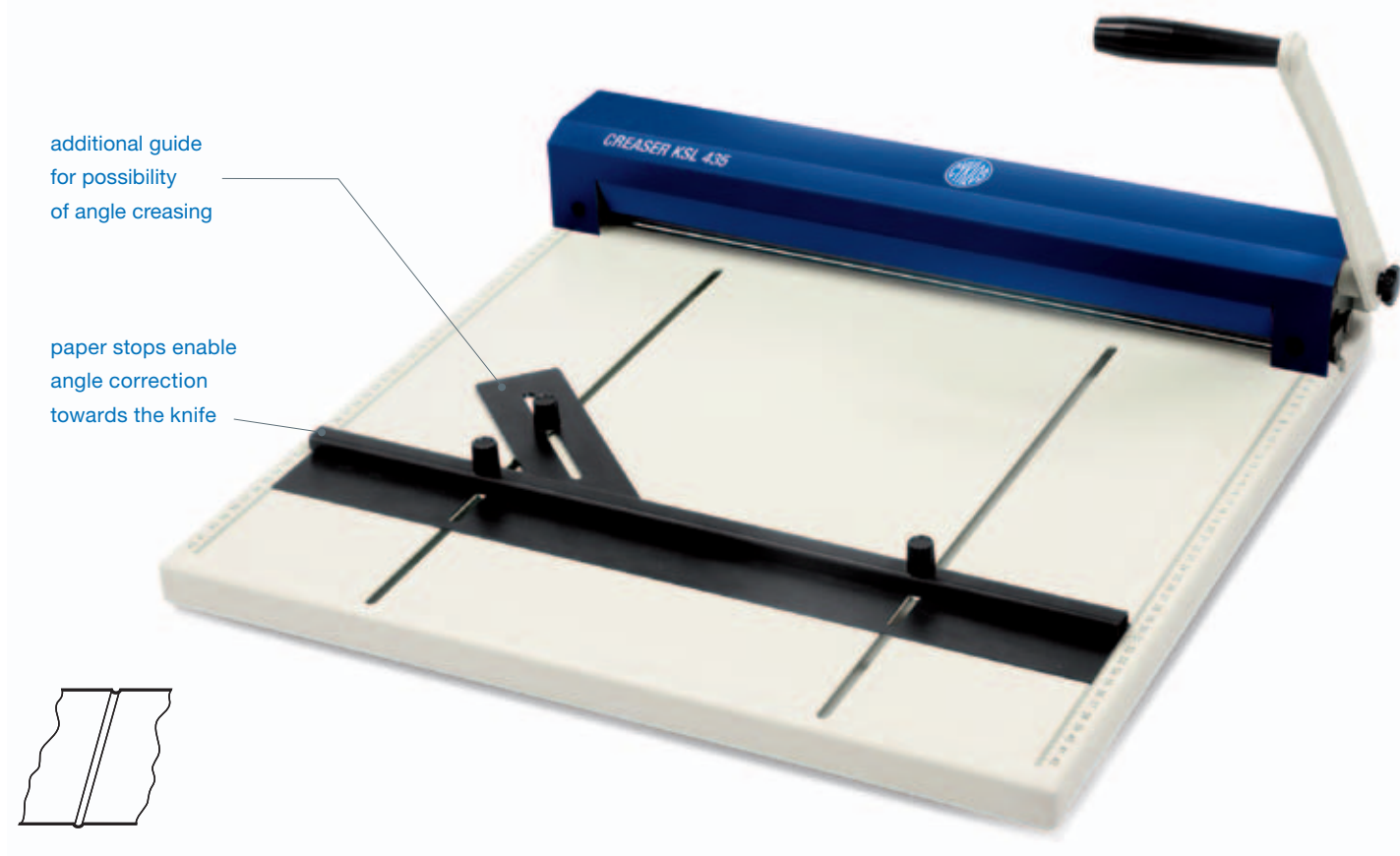of paper position

WORKING WIDTH	PAPER GRAMMAGE	WIDTH OF CREASE
320 mm	80 - 400 g/m²	1,0 / 1,5 mm
DIMENSIONS	**PACKING SIZE**	**WEIGHT**
l=525 mm, w=375 mm, h=310 mm	l=590 mm, w=450 mm, h=160 mm	nett 8 kg, brutt 9,5 kg

CREASING MACHINE **KSL 435**

The most versatile and professional manual creasing machine in our manual range designed for the creasing of larger formats - up to 435 mm with the option of four different crease profiles to give versatile solutions for varying paper thickness and print quality.

- metal construction
- large working feed table – width **435 mm**
- high quality crease blade mechanism

- four widths of creasing channel
- suitable for creasing of laminated stock and digital print

additional guide
for possibility
of angle creasing

paper stops enable
angle correction
towards the knife

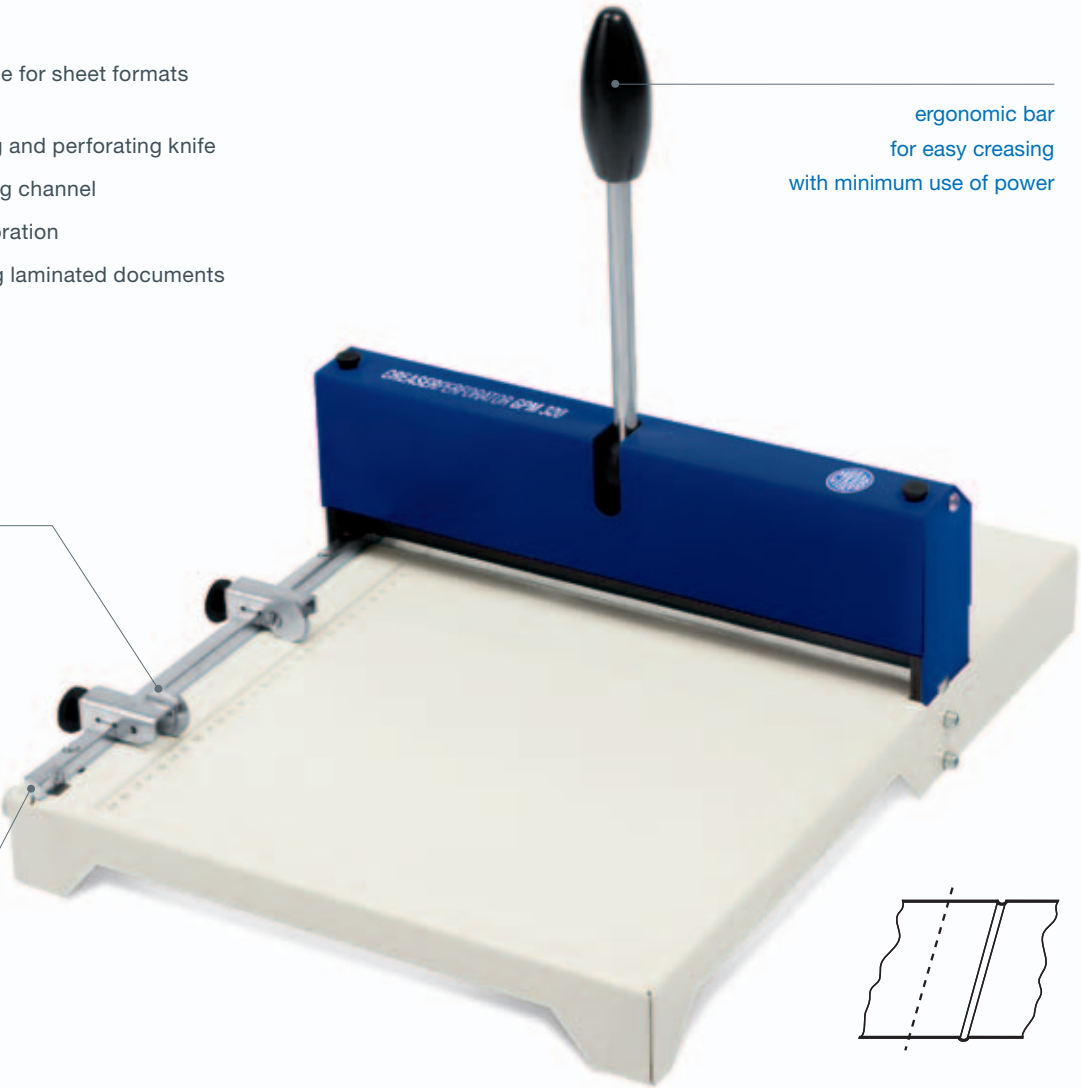| WORKING WIDTH	PAPER GRAMMAGE	WIDTH OF CREASE
435 mm	80 - 400 g/m²	0,8 / 1,0 / 1,5 / 1,8 mm
DIMENSIONS	**PACKING SIZE**	**WEIGHT**
l=505 mm, w=505 mm, h=250 mm	l=640 mm, w=630 mm, h=250 mm	nett 13,5 kg, brutt 16,5 kg

CREASING AND PERFORATING MACHINE **GPM 320**

Follower and enhanced version of the successful GPM 315 model, designed with enlarged working width for modern SRA3 capability, enhanced quality of perforation and angle-adjustable side guide.

- large working feed table for sheet formats up to SRA3
- exchangeable creasing and perforating knife
- three widths of creasing channel
- high-quality anvil perforation
- useful also for creasing laminated documents

ergonomic bar
for easy creasing
with minimum use of power

side adjustment wheels
for quick exchange
of paper position

side guide with
skew adjustment

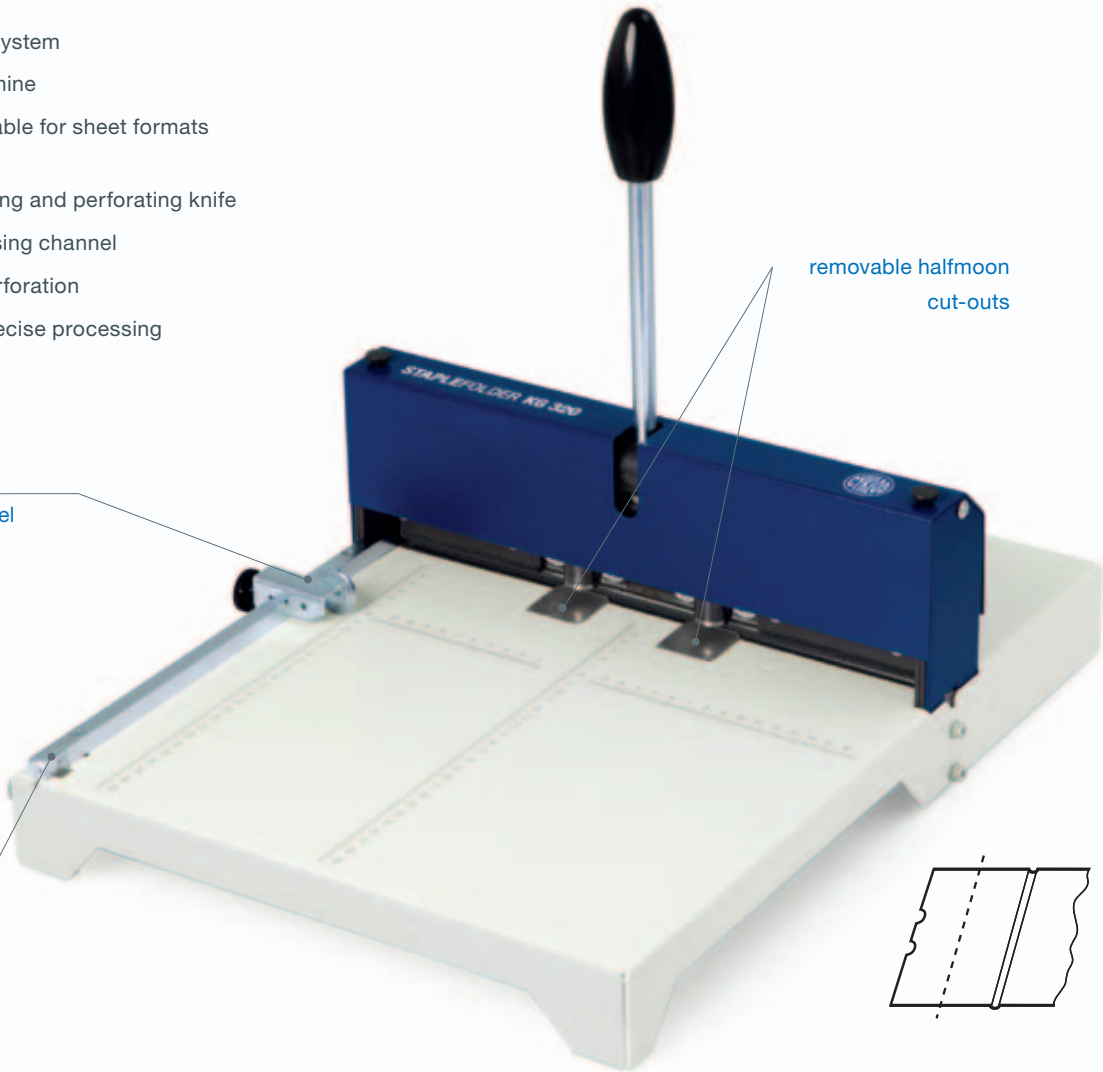| MAX. WORKING WIDTH	PAPER GRAMMAGE	WIDTH OF CREASE
320 mm	80 - 400 g/m² (creasing), 80 - 250 g/m² (perforating)	0,8 / 1,1 / 1,5 mm
DIMENSIONS	PACKING SIZE	WEIGHT
l=470 mm, w=370 mm, h=360 mm	l=540 mm, w=420 mm, h=220 mm	nett 11 kg, brutt 12,5 kg

STAPLE FOLDER **KG 320**

The New "Staple Folder" KG 320 is a unique product designed especially for the Spanish market based on the "carpeta grapa" system for simple collation, storage and quick filing of paper documents.
The KG 320 combines a "crease punch" function based on the design and operation features of the GPM 320.

- unique and original system
- 3 functions in 1 machine
- large working feed table for sheet formats up to SRA3
- exchangeable creasing and perforating knife
- three widths of creasing channel
- high-quality anvil perforation
- L shape guide for precise processing of various formats

removable halfmoon
cut-outs

side adjustment wheel
for quick exchange
of paper position

side guide with
skew adjustment

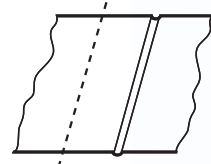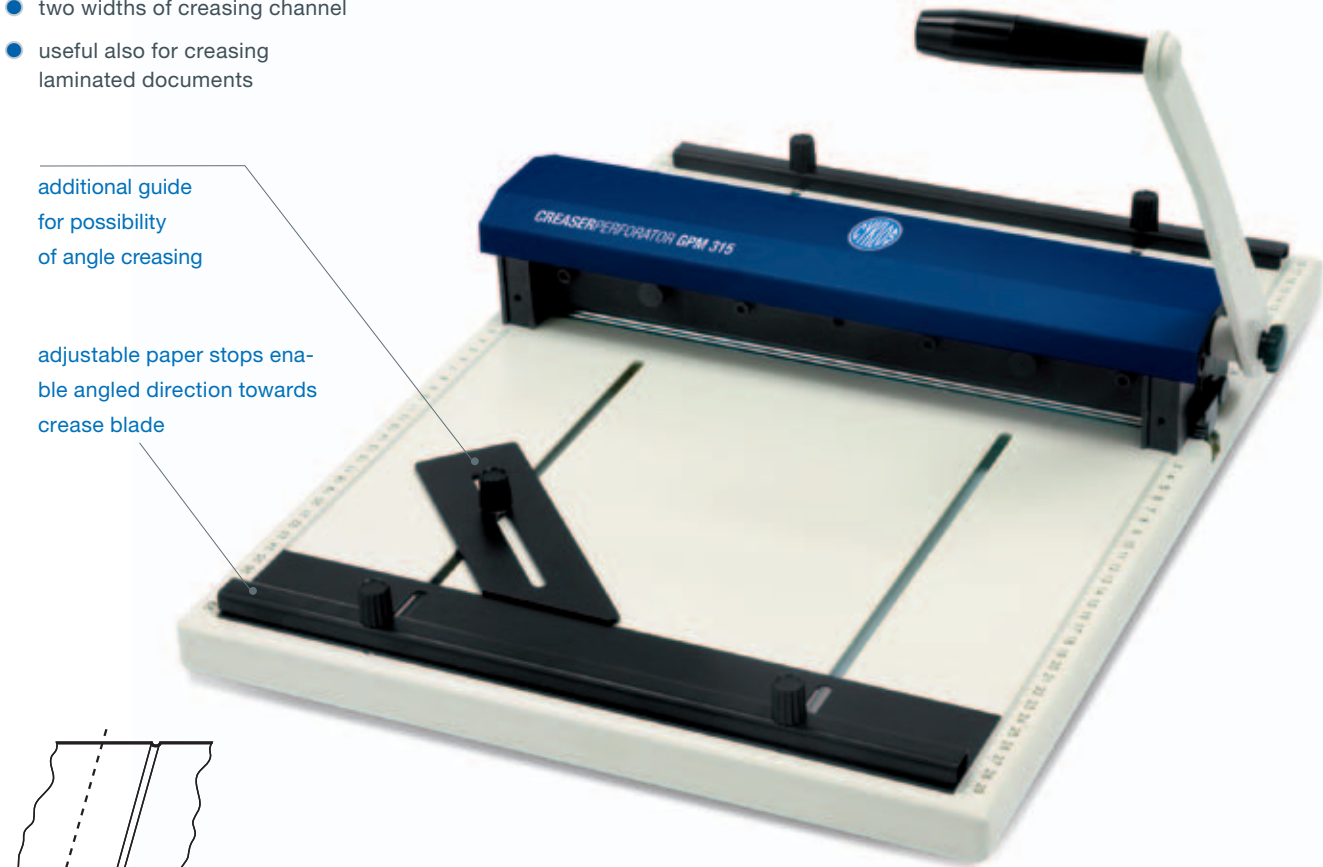| MAX. WORKING WIDTH	PAPER GRAMMAGE	WIDTH OF CREASE
320 mm	80 - 400 g/m² (creasing), 80 - 250 g/m² (perforating)	0,9 / 1,1 / 1,5 mm
DIMENSIONS	PACKING SIZE	WEIGHT
l=470 mm, w=370 mm, h=370 mm	l=540 mm, w=420 mm, h=220 mm	nett 12 kg, brutt 13,5 kg

CREASING AND PERFORATING MACHINE **GPM 315**

The most popular and long-term bestseller of all Cyklos machines. Reliable hand creasing and perforating machine with working width 315 mm.

- metal construction
- exchangeable creasing and perforating knife
- two widths of creasing channel
- useful also for creasing laminated documents

additional guide for possibility of angle creasing

adjustable paper stops enable angled direction towards crease blade

MAX. WORKING WIDTH	PAPER GRAMMAGE	WIDTH OF CREASE
315 mm	80 - 400 g/m^2 (creasing), 80 - 250 g/m^2 (perforating)	1,2 / 1,8 mm
DIMENSIONS	**PACKING SIZE**	**WEIGHT**
l=500 mm, w=380 mm, h=250 mm	l=610 mm, w=510 mm, h=190 mm	nett 11,5 kg, brutt 13 kg

CREASING AND PERFORATING MACHINE **GPM 450**

The natural progression from hand creasing, the GPM450 is an electric foot pedal operated creasing and perforating machine giving easier and higher output production with a full 450mm working width for larger sheet format.

- heavy-duty metal construction
- large working feed table for A2 formats
- three widths of creasing channel
- high-quality anvil perforation
- useful also for creasing laminated documents
- foot pedal for easy "hands free" operation

adjustable paper stops enable angled direction towards crease blade
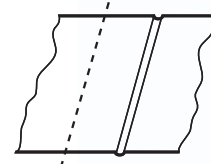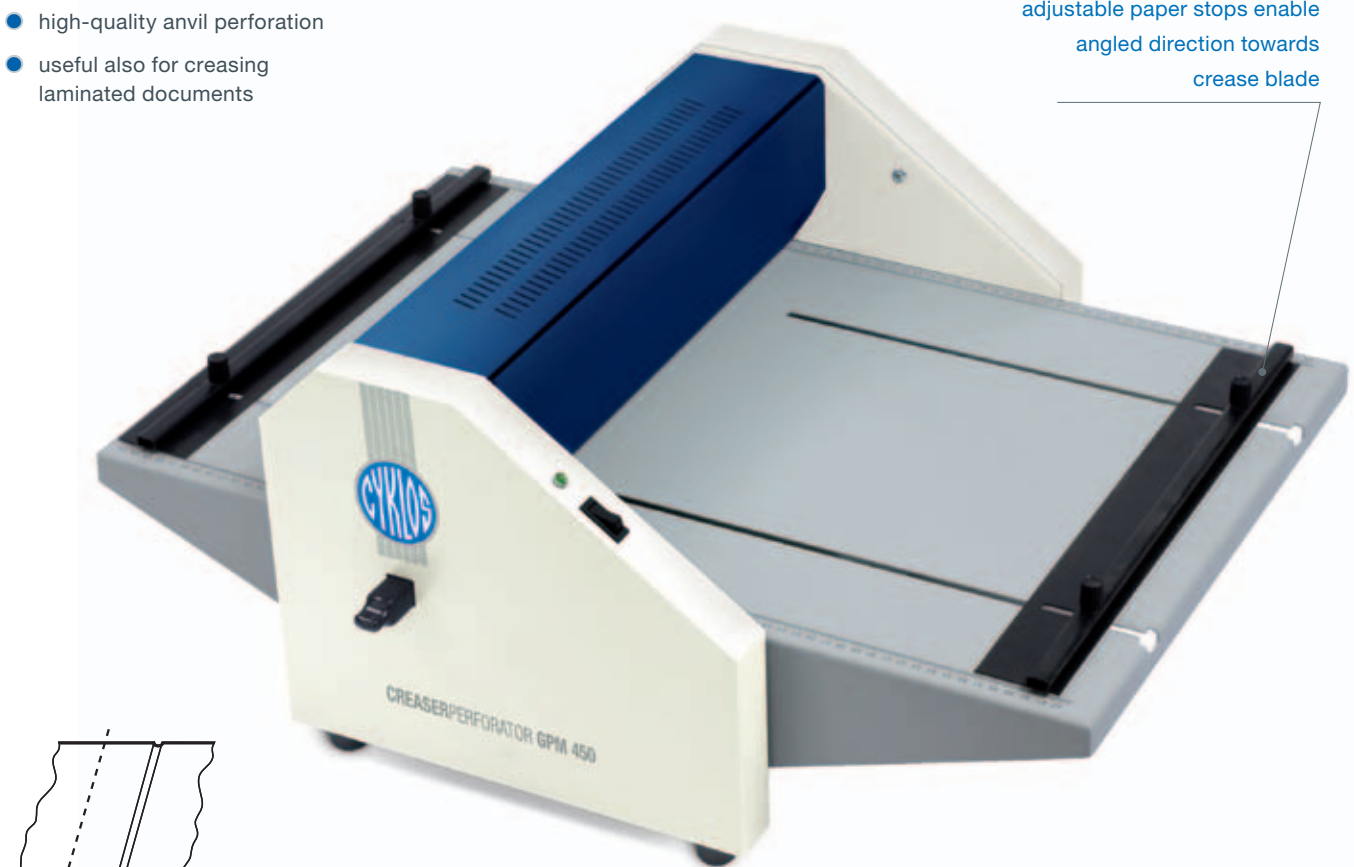
MAX. WORKING WIDTH	PAPER GRAMMAGE	WIDTH OF CREASE
450 mm	80 - 400 g/m^2 (creasing), 80 - 250 g/m^2 (perforating)	1,0 / 1,3 / 1,6 mm
DIMENSIONS	**PACKING SIZE**	**WEIGHT**	**VOLTAGE / FREQUENCY**
l=710 mm, w=590 mm, h=300 mm	l=660 mm, w=650 mm, h=400 mm	nett 39 kg, brutt 42 kg	230 V / 50 Hz

CREASING AND PERFORATING MACHINE **GPM 450 SA**

Semi-automatic programmable machine operated by touch screen display enabling fast and accurate setting of distance and number of creases/perforations.
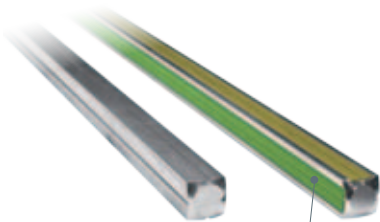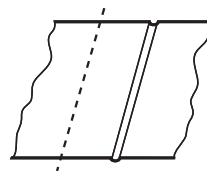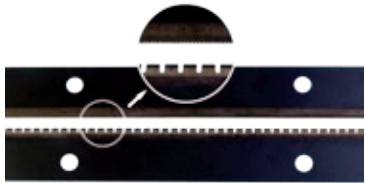
- heavy-duty metal construction
- three widths of creasing channel
- high-quality anvil perforation
- large working feed table for A2 formats

- possibility of up to 15 creases per pass and 5 programme storage
- automatic search of pre-defined folds

- ideal in combination with mobile table MB 70
- 8 languages

optional microperforating knife available

easy setting of common folds

CITO tool for even finer quality of crease

CREASER PERFORATOR GPM 450 SA

touch display for easy setting of distance and number of creases

WORKING WIDTH	PAPER GRAMMAGE		WIDTH OF CREASE
100 - 457 mm	80 - 400 g/m^2 (creasing), 80 - 250 g/m^2 (perforating)		1,0 / 1,3 / 1,6 mm

MAX. NUMBER OF CREASES PER SHEET	PREDEFINED TYPES OF FOLD	MIN. / MAX. DISTANCE OF CREASES
15	1/2, 1/3, 1/4, gate, book cover	2 / 999 mm

SPEED	DIMENSIONS	PACKING SIZE
1500 sheets A4/h	l=1200 mm, w=590 mm, h=300 mm	l=750 mm, w=750 mm, h=400 mm, on pallet 80x80 cm

WEIGHT	VOLTAGE / FREQUENCY
nett 52,5 kg, brutt 54 kg	110 V / 60 Hz 230 V / 50 Hz

We are preparing upgrade of this super successful model.

CREASING, PERFORATING AND PUNCHING MACHINE **GPM 450 SPEED**

The GPM 450 Speed follows on from the successful GPM 450 SA. The SPEED version provides a unique auto friction feed system enabling faster and higher output of creased and perforated sheets. The versatile SPEED also offers a range of "easy change" punching tools mainly for wire binding and calendar production.

- reliable friction feeding with speed up to 2500 A4 sheets/h
- large work table and working width suitable for A2 paper formats
- touch screen display for easy setting of distance and number of creases
- possibility of programme storage

- two widths of fcreasing channels
- easily exchangeable creasing, perforating and punching tools
- high-quality anvil perforation
- angle-adjustable paper stops on feeding table

- automatic search of pre-defined folds
- adjustable feed pressure
- telescopic feed table
- batching
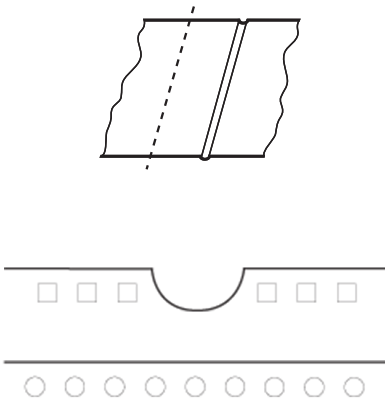
7" touch screen display

easy setting of common folds

mobile table for easy manipulation as a standard equipment

Check page 15 for more tools!

easily exchangeable creasing, perforating and punching tools

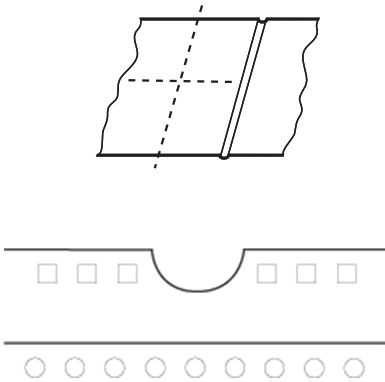| WORKING WIDTH	PAPER GRAMMAGE		
110 - 457 mm	80 - 400 g/m² (creasing), 80 - 250 g/m² (perforating)		
WIDTH OF CREASE	**MAX. NUMBER OF CREASES PER SHEET**	**PREDEFINED TYPES OF FOLD**	
1,0 / 1,9 mm	15	1/2, 1/3, 1/4, gate, book cover	
MIN. / MAX. DISTANCE OF CREASES	**SPEED**	**INPUT CAPACITY**	**WEIGHT**
1 / 999 mm	2500 sheets A4/h	50 mm	nett 121 kg, brutt 157 kg
DIMENSIONS	**PACKING SIZE - WOODEN BOX ON PALLET**	**CONTENT OF PACKING**	**VOLTAGE / FREQUENCY**
l=1250 mm, w=675 mm, h=520 mm	l=850 mm, w=775 mm, h=620 mm	2 x creasing tool, 1 x perforating tool, mobile table	110 V / 60 Hz 230 V / 50 Hz

CREASING, PERFORATING AND PUNCHING MACHINE **AIRSPEED 450**

Another step up from the GPM 450 SA and the GPM 450 SPEED - is the new AIRSPEED 450 suction feed creasing, perforating and punching machine. Its unique air feed system enables processing of all types of paper within 80 - 400 gsm tolerance. Accuracy, feeding reliability, versatility of use, optional rotary perforating and cutting tools, and higher speed and input capacity - are all main factors of this model providing even more features and enhanced productivity than our other GPM 450 models.

- original suction feed system with speed up to 3000 A4 sheets/h
- large work table and working width suitable for A2 paper formats
- 7" touch screen display with simple and lucid setting

- possibility of programme storage
- two widths of creasing channels
- easily exchangeable creasing, perforating and punching tools
- high-quality anvil perforation
- skew adjustment

- automatic search of pre-defined folds
- optional rotary perforating tools for cross perforation
- optional cutting / kiss-cutting tools
- batching

7" touch screen display

optional rotary perforating and cutting tools

mobile table for easy manipulation as a standard equipment

Check page 15 for more tools!

WORKING WIDTH	**PAPER GRAMMAGE**		
115 - 456 mm	80 - 400 g/m^2 (creasing), 80 - 250 g/m^2 (perforating)		
WIDTH OF CREASE	**MAX. NUMBER OF CREASES PER SHEET**	**PREDEFINED TYPES OF FOLD**	**SPEED**
1,0 / 1,9 mm	15	1/2, 1/3, 1/4, gate, book cover	3000 sheets A4/h
MIN. / MAX. DISTANCE OF CREASES	**MAX. NUMBER OF PERFORATING WHEELS**	**INPUT CAPACITY**	**WEIGHT**
1 / 999 mm	13	70 mm	nett 140 kg, brutt 189 kg
DIMENSIONS	**PACKING SIZE - WOODEN BOX ON PALLET**	**CONTENT OF PACKING**	**VOLTAGE / FREQUENCY**
1320 x 755 x 455 mm 1320 x 755 x 1225 mm (on table)	l=1200 mm, w=800 mm, h=720 mm	2 x creasing tool, 1 x perforating tool, 1 x perforating wheel, mobile table	110 V / 60 Hz 230 V / 50 Hz

easily exchangeable creasing, perforating and punching tools

PUNCHING TOOLS FOR **GPM 450 SPEED / AIRSPEED 450**

In 2012 we launched the GPM 450 Speed and since then we have been increasing the versatility of this machine by the development of various punching tools. There are more "on-demand tools" to come in the near future.

Punching Tool 4x4 mm, 3:1

Punching Tool 5x5 mm, 2:1
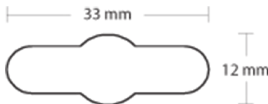
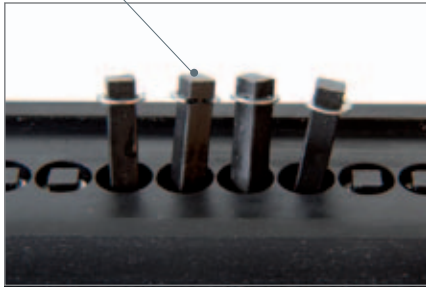Punching Tool dia 4 mm, 3:1

Punching Tool 4x4 mm, 3:1
Calendar Punch

Punching Tool dia 4 mm, 3:1
Calendar Punch

all pins can be easily pulled out

Europunch Tool 33x12 mm

33 mm

12 mm

ROTARY PERFORATING MACHINE **RPM 350 & RPM 350 PLUS**

Simple, reliable and extremely cost-effective electric rotary perforating machines with auto friction feeding and a maximum working width of 350 mm. Sheets are quickly and easily perforated as they pass through sets of perforating knives on top and bottom shafts. The RPM 350 Plus includes a counter and speed regulation feature over and above the standard functions of the original RPM 350. Both versions available.

- large working feed table for sheet formats up to SRA3
- continuous speed regulation
- easily exchangeable perforating units
- maximum 5 perf. units, 2 sets included as standard
- skew and paper thickness adjustment
- creasing wheel (optional)

counter

telescopic feeding and delivery table
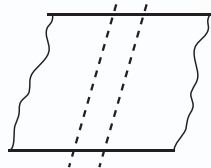
possibility of side guides
angle-adjustment on feeding table

WORKING WIDTH	PAPER GRAMMAGE	NUMBER OF PERFORATING WHEELS	INPUT CAPACITY
150 – 350 mm	60 - 180 g/m^2	standard 2, possible 1 – 5	30 mm
SPEED		**MIN. DISTANCE BETWEEN PERFORATIONS**	**DIMENSIONS**
4200 - 7800 sheets A4/h (70 - 130 sheets/min)		10 mm	l=1080 mm, w=490 mm, h=270 mm
PACKING SIZE		**WEIGHT**	**VOLTAGE / FREQUENCY**
l=600 mm, w=560 mm, h=360 mm		nett 20 kg, brutt 22,5 kg	230 V / 50 Hz

PAPER FOLDER **CFM 500**

Simple and reliable A4 machine used for creating the three most-common types of folds on three most typical office paper formats - A4, A5, A6.

- solid construction
- reliable friction feeding with speed 120 sheets A4/min
- easy setting of paper fold types
- anti-static device

PAPER FORMAT	PAPER GRAMMAGE	SPEED
A4, A5, A6	80 - 120 g/m^2	120 sheets A4/min
TYPES OF FOLD	**INPUT CAPACITY**	**DIMENSIONS**
standard letter, concertina, single	200 sheets (80 g/m^2)	l=295 mm, w=355 mm, h=365 mm
PACKING SIZE	**WEIGHT**	**VOLTAGE / FREQUENCY**
l=480 mm, w=410 mm, h=380 mm	nett 15 kg, brutt 18 kg	230 V / 50 Hz

PAPER FOLDER **CFM 600**

Efficient office/printroom A3 machine with adjustable speed regulation providing six types of standard folds for paper formats A3, A4 and A5.

- solid construction
- reliable friction feeding with speed up to 120 sheets A4/min
- easy adjustment of side guides and fold plates

missing paper indicator

table of paper folds

continuous speed regulation

PAPER FORMAT	PAPER GRAMMAGE	SPEED
A3, B4, A4, B5, A5	80 - 160 g/m^2	70 - 120 sheets A4/min
TYPES OF FOLD	**INPUT CAPACITY**	**DIMENSIONS**
standard letter, concertina, single, double parallel, brochure, half concertina	300 sheets (80 g/m^2)	l=770 mm, w=460 mm, h=500 mm
PACKING SIZE	**WEIGHT**	**VOLTAGE / FREQUENCY**
l=460 mm, w=560 mm, h=480 mm	nett 23 kg, brutt 27,5 kg	230 V / 50 Hz

PAPER FOLDER **CFM 700**

Following on from the CFM 600 with more advanced features including conveyor belt stacking of paper for neater paper reception, counter unit, perforating wheels and creasing wheel for cross-folding.
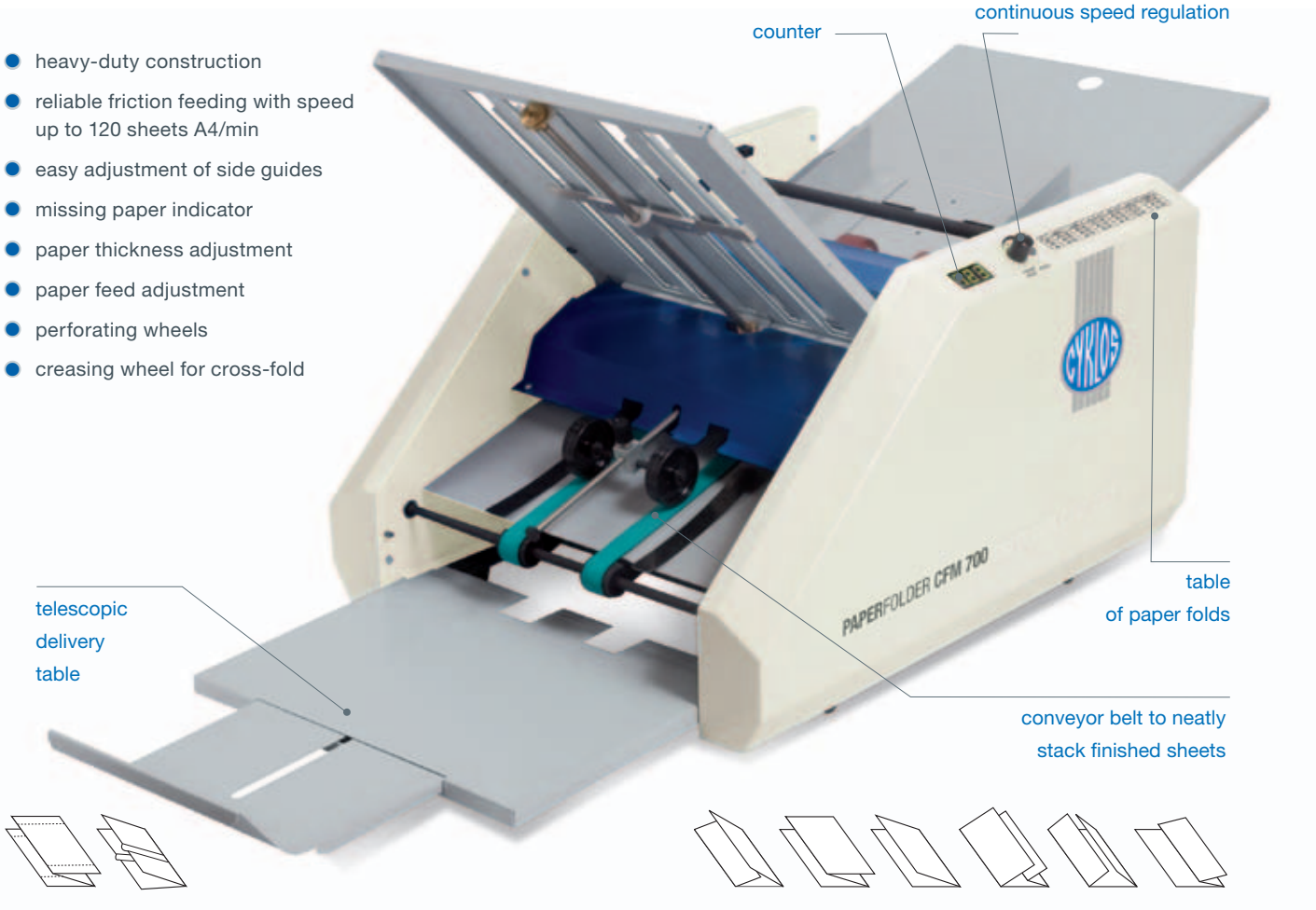
- heavy-duty construction
- reliable friction feeding with speed up to 120 sheets A4/min
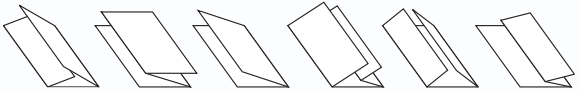- easy adjustment of side guides
- missing paper indicator
- paper thickness adjustment
- paper feed adjustment
- perforating wheels
- creasing wheel for cross-fold

counter

continuous speed regulation

table
of paper folds

telescopic
delivery
table

conveyor belt to neatly
stack finished sheets

PAPER FORMAT	PAPER GRAMMAGE	SPEED
SRA3, A3, A4, A5	80 - 160 g/m^2	70 - 120 sheets A4/min

TYPES OF FOLD	INPUT CAPACITY	DIMENSIONS
standard letter, concertina, single, double parallel, brochure, half concertina	300 sheets (80 g/m^2)	l=1155 mm, w=550 mm, h=480 mm

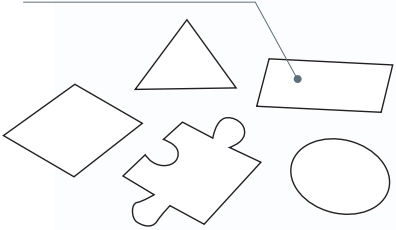| PACKING SIZE	WEIGHT	VOLTAGE / FREQUENCY
l=675 mm, w=560 mm, h=560 mm	nett 28 kg, brutt 32 kg	230 V / 50 Hz

DIE CUTTING PRESS **C-PRESS 440**

Simple and easy to use electric die cutter utilising standard die cutting forms which pass through adjustable pressure rollers. Ideal for the production of die cut shapes, cut outs, jigsaws, business cards, cartons, etc.
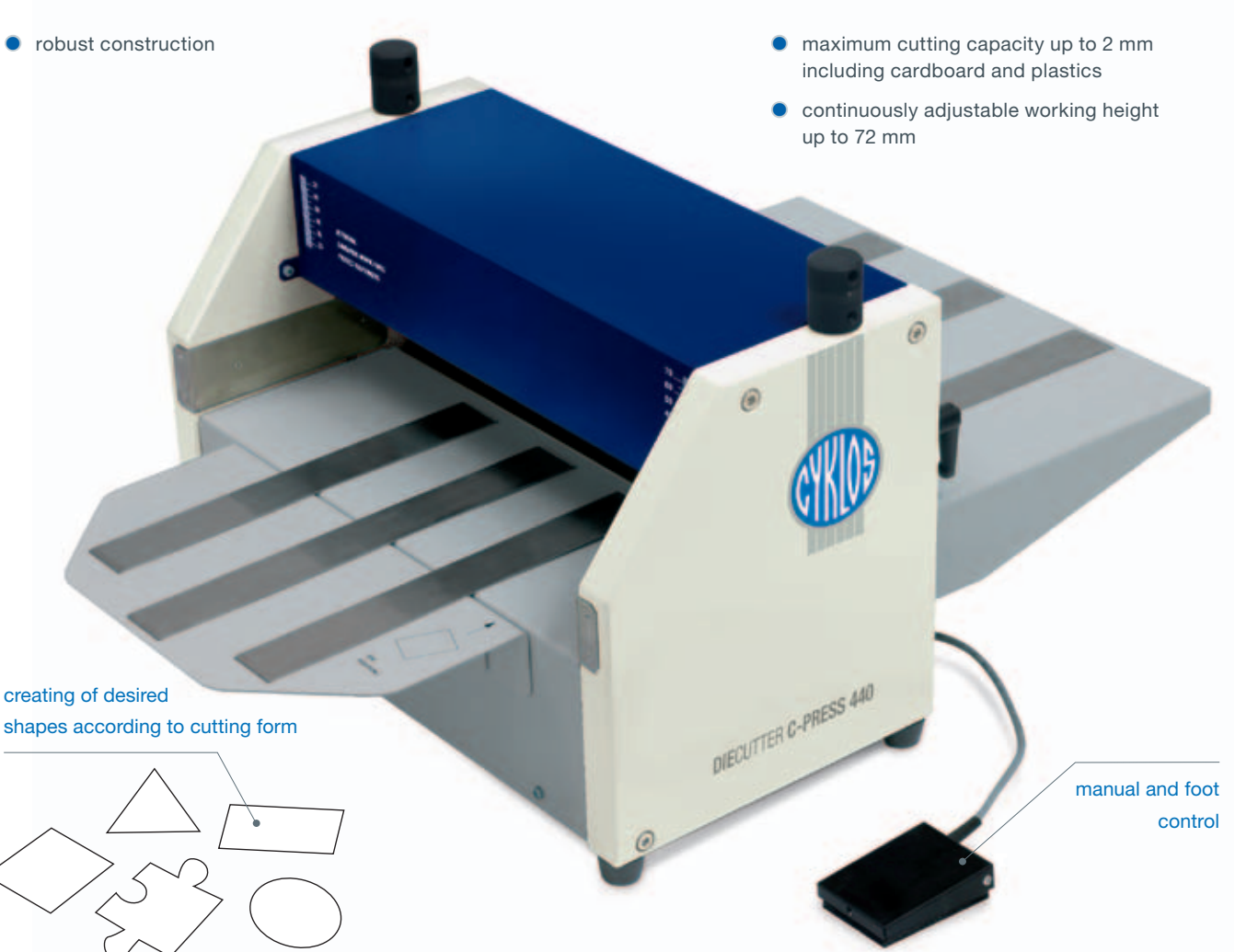
- robust construction
- maximum cutting capacity up to 2 mm including cardboard and plastics
- continuously adjustable working height up to 72 mm

creating of desired
shapes according to cutting form

manual and foot
control

MAX. WORKING WIDTH	WORKING HEIGHT	MAX. THICKNESS OF MATERIAL	
440 mm	20 - 72 mm	2 mm	

DIMENSIONS	PACKING SIZE	WEIGHT	VOLTAGE / FREQUENCY
l=820 mm, w=510 mm, h=390 mm	l=450 mm, w=630 mm, h=450 mm	nett 53 kg, brutt 56 kg	230 V / 50 Hz

CALENDAR PUNCH **CP 20**

Reliable and simple machine for creating half-moon cut out for the insertion of calendar hangers.

- adjustable telescopic side lay for easy set up of paper centre position
- accurate processing up to A3 paper (long edge)
- possibility to process up to 3 mm layer in one cut

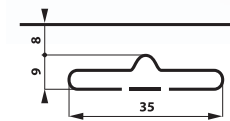| MAX. PUNCHING THICKNESS	DIMENSIONS
3 mm	l=300 mm, w=250 mm, h=260 mm
PACKING SIZE	**WEIGHT**
l=320 mm, w=270 mm, h=90 mm	nett 3 kg, brutt 3,5 kg

PUNCHING MACHINE **EP 35**

Simple machine for creation of standard euro punch.

- metal construction
- printed scale for accurate processing
- easy to operate

MAX. PUNCHING THICKNESS	DIMENSIONS
1,5 mm	l=300 mm, w=250 mm, h=260 mm
PACKING SIZE	**WEIGHT**
l=320 mm, w=270 mm, h=90 mm	nett 3 kg, brutt 3,5 kg

CORNER ROUNDER **UCR 9**

Simple hand machine for creating rounded corners on printed documents. Exchangeable cutting knives with radiuses 6, 9 and 12 mm are part of the packing.

- exchangeable cutting knives of three radiuses
- possibility to process 5 mm layer of paper
- sliding waste box

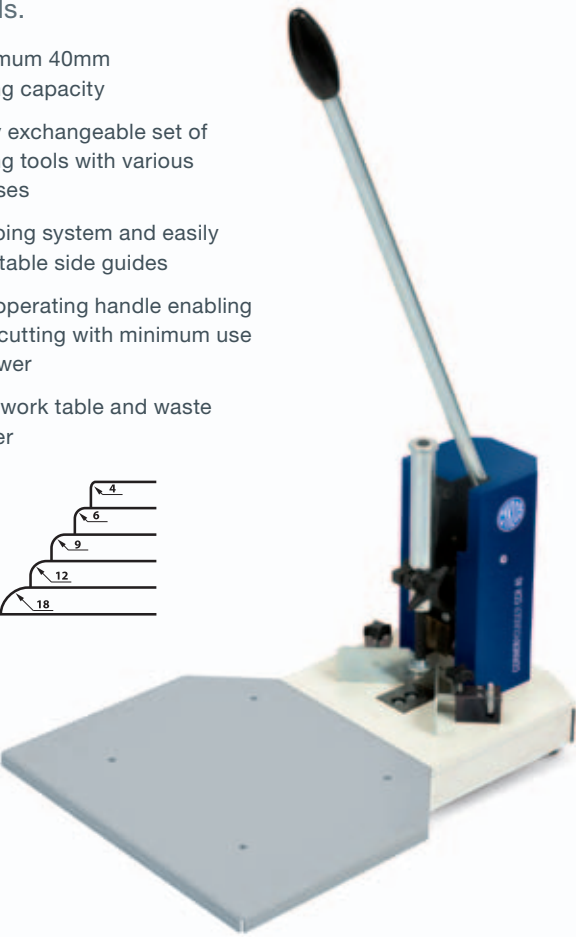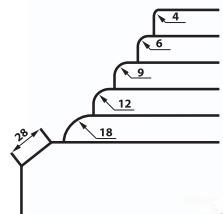| RADIUS	MAX. PUNCHING THICKNESS
6, 9 a 12 mm	5 mm
MINIMUM PAPER FORMAT	**DIMENSIONS**
50 x 90 mm	l=300 mm, w=250 mm, h=260 mm
PACKING SIZE	**WEIGHT**
l=320 mm, w=270 mm, h=90 mm	nett 3,4 kg, brutt 3,6 kg

CORNER ROUNDER **CCR 40**

Heavy duty production machine with high-quality cutting tools and auto clamping system for accurate round cornering of larger volumes of paper, cardboard, plastic, leather, metal and other materials.

- maximum 40mm cutting capacity
- easily exchangeable set of cutting tools with various radiuses
- clamping system and easily adjustable side guides
- long operating handle enabling easy cutting with minimum use of power
- large work table and waste drawer

| RADIUS	MAX. PUNCHING THICKNESS
4, 6, 9, 12, 18 mm, straight knife 28 mm	40 mm
PAPER FORMAT	**DIMENSIONS**
A3, A4, A5	l=520 mm, w=380 mm, h=810 mm
PACKING SIZE	**WEIGHT**
l=530 mm, w=400 mm, h=400 mm	nett 18 kg, brutt 19 kg

CARDS SLITTER **CS 325 SMART**

The highly robust CS 325 SMART enables fast and accurate production of business cards with interchangeable tool modules for various optional formats within each different tool.

- interchangeable cutting modules for fast and easy exchange of tools
- three types of standard cutting tools available plus possibility of custom dimensions
- navigation bars on feed lays enabling curled paper feed
- feed sensor for automatic start of cutting operation

fine adjustment of navigation bars

two independent feeding tables for faster processing

BUSINESS CARDS
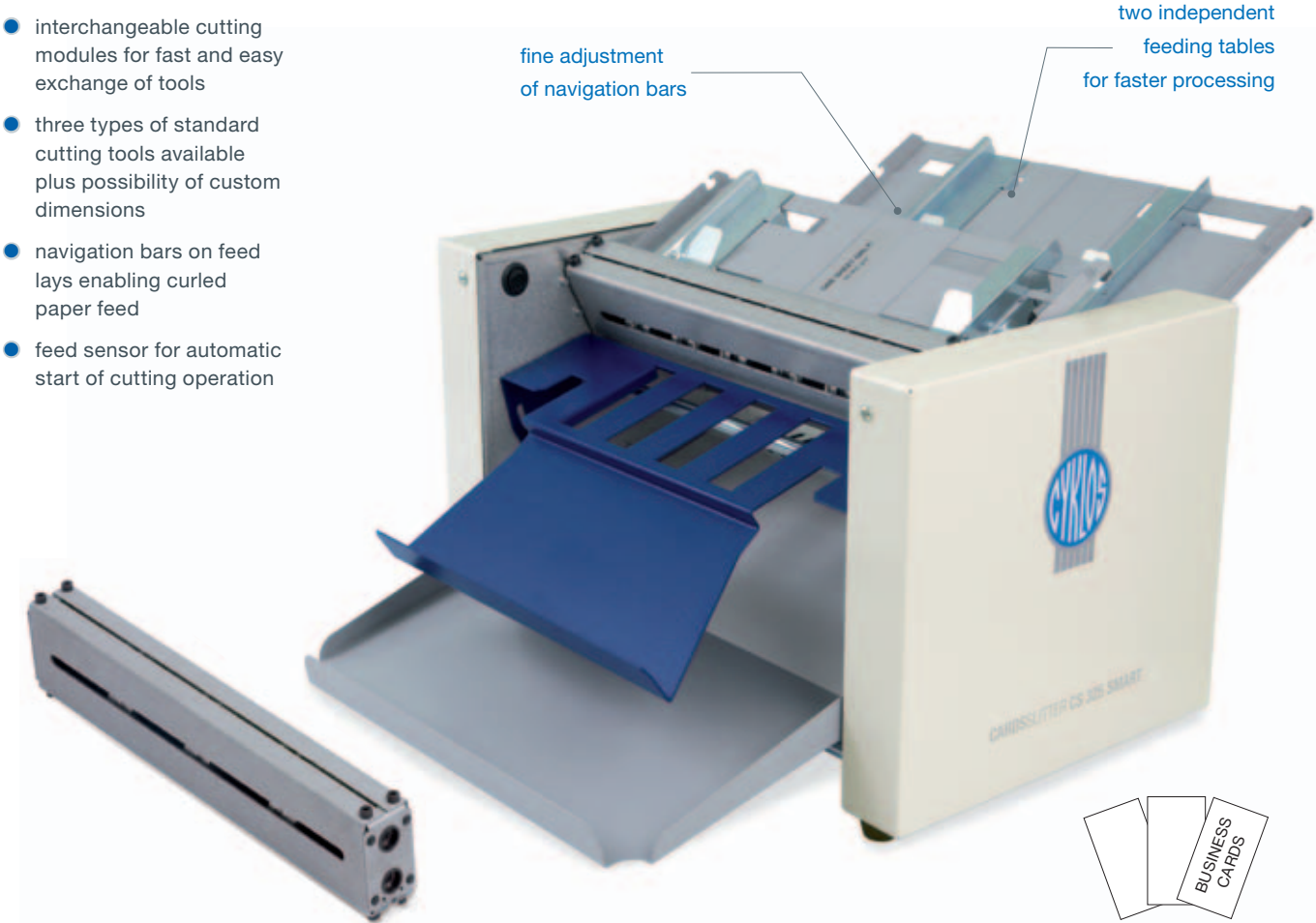
EXCHANGEABLE CUTTING TOOLS

A - 85-95 x 50-55 mm - 10 cards / A4; C - 85-90 x 50-55 mm - double cut 4 mm, 10 cards/ A4; D - on-demand dimensions possible

PAPER GRAMMAGE	DIMENSIONS	PACKING SIZE
80 - 400 g/m^2	l=520 mm, w=490 mm, h=370 mm	l=410 mm, w=570 mm, h=300 mm

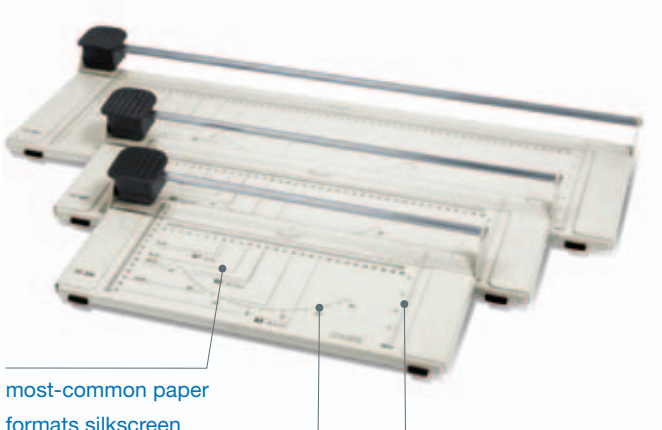| WEIGHT	VOLTAGE / FREQUENCY	
nett 21 kg, brutt 23 kg	230 V / 50 Hz	

ROTARY PAPER TRIMMERS **TC 330/460/660**

High quality metal construction and accurate rotary trimmers TC 330/460/660, ideal for office use.

- metal construction
- cuts up to 6 papers in one pass 80 g/m^2
- processing of papers up to A2 format (TC 660)

most-common paper formats silkscreen printed on desktop

protractor illustrated on desktop

length units in centimetres and inches

MAX. CUTTING CAPACITY	PAPER FORMAT
6 ks 80g/m^2	up to A2 (TC 660)

LENGTH OF CUTTING	WEIGHT
330 mm / 460 mm / 660 mm	1,8 kg / 2,4 kg / 4,2 kg

PACKING SIZE

l=500 mm, w=220 mm, h=70 mm / l=630 mm, w=220 mm, h=70 mm / l=830 mm, w=280 mm, h=70 mm

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MOBILE BASE **MB 70**

High quality and robust construction mobile tables are ideal as paper storage units but also as machine stands for heavy-duty machines such as the Cyklos - GPM 450 SA, C-PRESS 440, RPM 350 and others.

- solid construction with loading capacity up to 60 kg
- two compartments for paper storage
- wheels for easy manipulation
- perfect stand for GPM 450 SA, RPM 350, C-PRESS 440, CS 325 SMART and other Cyklos machines

LOADING CAPACITY	DIMENSIONS
60 kg	l=590 mm, w=415 mm, h=700 mm

| WEIGHT	PACKING SIZE
nett 17 kg, brutt 19 kg	l=640 mm, w=600 mm, h=100 mm

DEVELOPMENT PROJECTS

Our main field of interest in the last few years has been creasing, perforating and recently also punching. We have developed several unique and popular machines that have been very successful around the world within the digital "print on demand" market and that we are very proud of. In the future we do not intend to change our course or area of specialism. Instead we wish to build on our current success and develop even better and more easy to use, reliable machines for our customers by the constant improvement of our current models and the development of other useful equipment in our specialist area. See below two examples of our ongoing projects.

CREASER/PERFORATOR
GPM 450 SA (Facelift)

New design of our long-term bestseller GPM 450 SA involves more effective motor for faster processing.
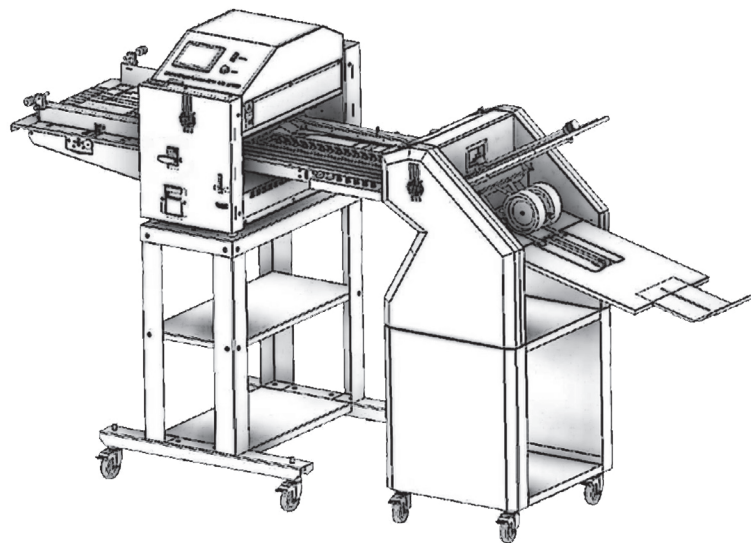
FOLDING UNIT
TriFold 330

Folding modul specially designed for processing of pre-creased heavier stock matches to our creasing and perforating machines GPM 450 Speed/AirSpeed 450.

WHERE TO FIND US?

Cyklos head office, showroom and production facility are located in the heart of Europe - Czech Republic, 100 km east of Prague near Pardubice. We are both, manufacturer and reseller of print finishing machines.

Our partners can be found in almost every European country and also in many countries of Asia, Africa and Americas. Please visit http://www.cyklos.eu/resellers for more information.

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