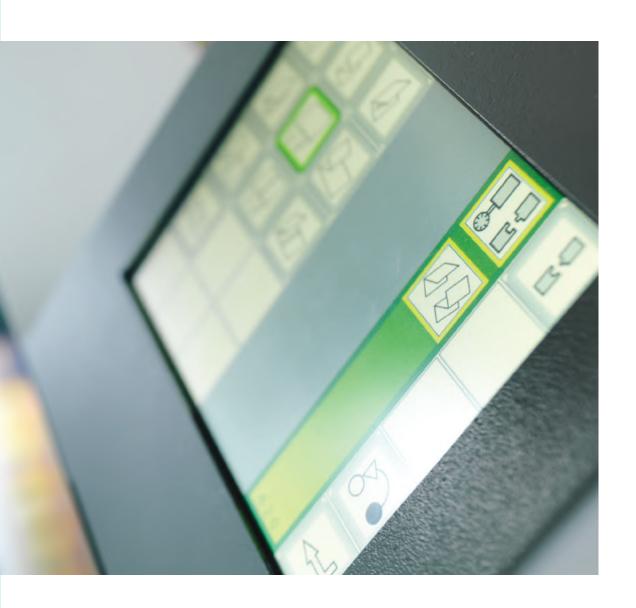


TABLE OF CONTENTS

CREASING AND FOLDING	4
CREASING, PERFORATING AND FOLDING	8
CUTTING, PERFORATING AND CREASING	16
OEM – ORIGINAL EQUIPMENT MANUFACTURER	20
BANDING MACHINES	34







MULTIFINISHING MAKES YOUR LIFE EASIER...

With more than 30 years' experience, Multigraf AG in Muri/ Switzerland is a reliable partner for ambitious, qualityconscious printing companies and represents a futureproof decision for all users.

Decades of tradition ensure the highest quality in paper processing. A range of first-class products combines maximum flexibility with maximum modularity.

Our experience means Multigraf AG is your ideal partner.

Multigraf AG

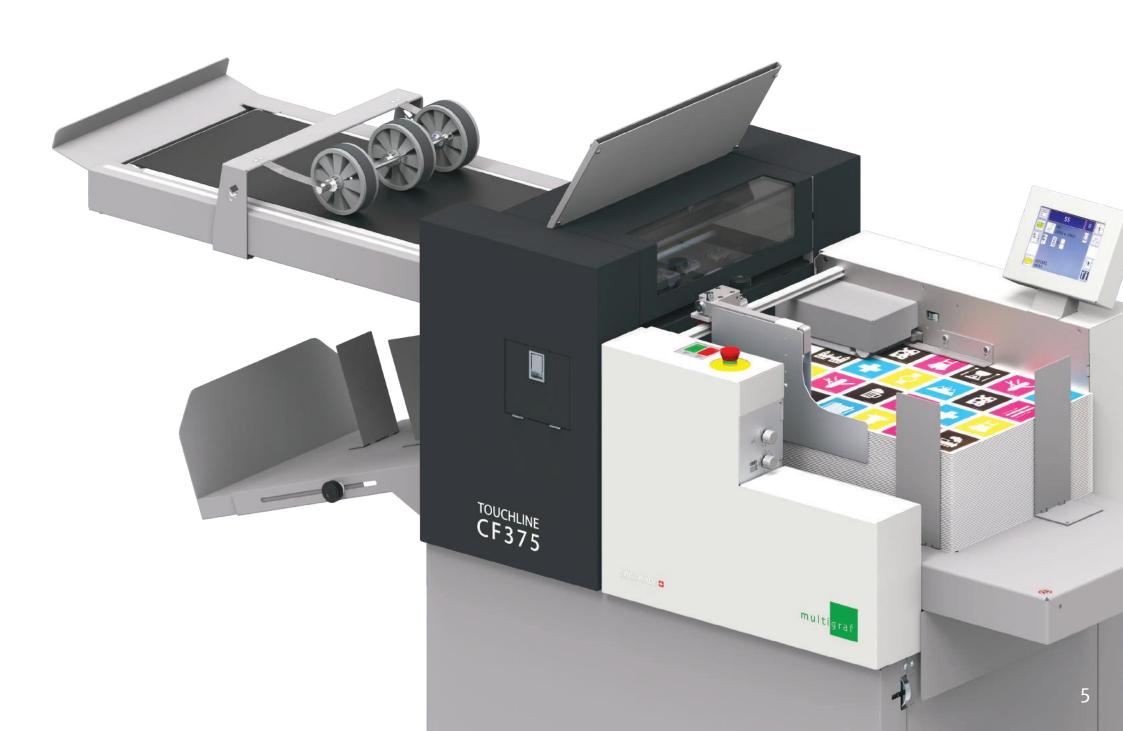
Robert Barrer

CEO

For more information please visit: **www.multigraf.ch**



CREASING AND FOLDING



FOLDING MACHINES

THE MODULAR FOLDING MACHINE SYSTEM



FOLDING MACHINES







Description

Multigraf has consistently focused on the modular design of its folding machine range. All modules can be provided 'from the ground up' with conventional manual folding plates or simpler basic equipment. If user needs change, existing machines can be easily extended and adapted to match the new circumstances.

Features

- Suction feeder/Deep pile feeder
- 2- or 4 folding plate modules (manual or electronic)
- For A6 to A3+ formats
- Can be combined to form cross-fold units or for other special applications
- Versatile and expandable

Option

- Friction feeder
- Pile feeder
- Suction feeder
- Folding plates (manual/electronic)
- Cross-fold unit



TOUCHLINE CF375

CREASING AND FOLDING IN ONE APPLICATION. NEWLY AVAILABLE WITH PILE FEEDER MISTRAL PFM.



Description

The Touchline generation provides more flexibility and automation than any other product of its class. Multigraf introduced the unique Swing-BarTM System to prevent the breaking of paper fibres during the creasing process. Another unique characteristic of the Touchline CF375 is the fully-automatic setting of groove depths with different depth positions. The folding unit uses

Multigraf's patented Pro-Knife™ System which guarantees a perfect folding process even with thicker products. The machine processes up to 5000 A4 size sheets per hour irrespective of the number of creases and folds.

Features

- Automatic programming6 standard fold types
- Stacking unit
- Reliable paper transport
- Suction feeder
- Versatile and expandable

Options

- Stream delivery
- Table extension
- An optional online perforating device is available for the lower outlet level



Touchscreen

CREASING, PERFORATING AND FOLDING



TOUCHLINE C375

THE NEW DIMENSION IN CREASING



Touchline C375









Description

The Touchline C375 is more than just a creasing machine. As part of a production family its use can be extended beyond simple creasing of paper and carton. The Touchline C375 can be combined with folding unit TF375 and thus enlarged to form a fully integrated creasing and folding machine. There are no manual setting procedures for the C375 creasing machine. The pile height is automatically detected using

contact-free sensing. Via the touchscreen the creasing thickness is matched to the grammage in use without any need for manual intervention. The creasing tool can be exchanged easily in just seconds. Grammages up to 400g/m² can be processed.

Features

- Simple menu-driven operation. All important settings can be made centrally, directly via the touchscreen.
- For operation, all models are fitted with an automatic, ergonomic control panel during production.
- The professional ultrasound guidance system ensures high reliability during production.

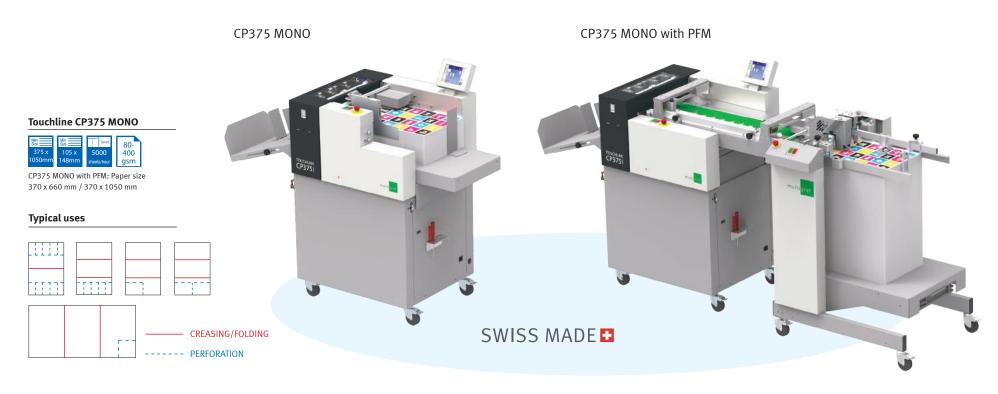
■ The inserted tools are detected electronically and the required pressure is automatically adjusted.



Vacuum suction feeder

TOUCHLINE CP375 MONO

THE NEW DIMENSION IN CREASING AND PERFORATING. NEWLY AVAILABLE WITH PILE FEEDER MISTRAL PFM.



Description

The Touchline CP375 MONO for perforating (standard and stop perforation, longitudinally or crosswise) and professional creasing meets the long-held requirements of the graphics industry. Tool changing is a formality thanks to the patented, fully-automatic changing device. The inserted tools are detected electronically and the required pressure is automatically adjusted. Further tools are

stored in the especially designed parking slots. For longitudinal perforation the CP375 MONO can be equipped with up to four perforating heads. Touchscreen operation. Reply cards, vouchers, coupons, tickets and much more can be quickly produced in letterpress print quality - also in small print runs or with multiple cuts.

- Simple menu-driven operation. All important settings can be made centrally, directly via the touchscreen.
- For operation, all models are fitted with an automatic, ergonomic control panel during production.
- The professional ultrasound guidance system ensures high reliability during production.
- The inserted tools are detected electronically and the required pressure is automatically adjusted. Further tools are stored in the especially designed parking slots.
- For longitudinal perforation the CP375 MONO can be equipped with up to four perforating heads. Touchscreen operated.



Perforation and creasing tool

TOUCHLINE CP375 DUO

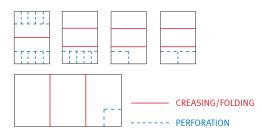
THE NEW DIMENSION IN CREASING AND PERFORATING. NEWLY AVAILABLE WITH PILE FEEDER MISTRAL PFM.

Touchline CP375 DUO



CP375 DUO with PFM: Paper size 370 x 660 mm / 370 x 1050 mm

Typical uses



CP375 DUO

CP375 DUO with PFM



Description

The system enables perforating (standard and stop perforation, longitudinally or crosswise) and professional creasing. Positive and negative creasing are also possible. Tool changing is a formality thanks to the patented, fully-automatic changing device. The inserted tools are detected electronically and the required pressure is automatically adjusted.

For longitudinal perforation CP375 DUO can be equipped with up to four perforating heads.

- Simple menu-driven operation. All important settings can be made centrally, directly via the touchscreen.
- For operation, all models are fitted with an automatic, ergonomic control panel during production.
- The professional ultrasound guidance system ensures high reliability during production.
- The inserted tools are detected electronically and the required pressure is automatically adjusted.



Side guide system

TOUCHLINE CP375 DUO AND TF375

THE NEW DIMENSION IN PERFORATING, CREASING AND FOLDING. UP TO 4 APPLICATIONS IN ONE PASS

Touchline CP375 DUO and TF375



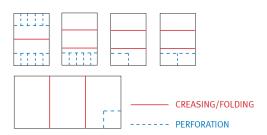






CP375 DUO and TF375 with PFM: Paper size 370 x 660 mm / 370 x 1050 mm

Typical uses



Types of folds





Description

Stop perforation in both directions is one of the key features of the TOUCHLINE CP375 DUO. Combined with the folding machine TOUCHLINE TF375, the CP375 DUO can produce even more complex jobs easily and in a single pass with stop perforation in both directions, delivering creasing and folding that is both impressive and efficient.

- Simple menu-driven operation. All important settings can be made centrally, directly via the touchscreen.
- For operation, all models are fitted with an automatic, ergonomic control panel during production.
- The professional ultrasound guidance system ensures high reliability during production.
- The inserted tools are detected electronically and the required pressure is automatically adjusted. Further tools are stored in the especially designed parking slots.
- For longitudinal perforation CP375 DUO can be equipped with up to four perforating heads. Touchscreen operation.



Two cross tool positions

TOUCHLINE CP375 DUO AND TCF375

THE NEW DIMENSION IN PERFORATING, CREASING AND FOLDING. UP TO 5 APPLICATIONS IN ONE PASS

Touchline CP375 DUO and TCF375



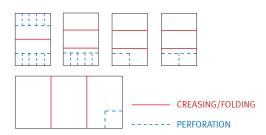






CP375 DUO and TCFF375 with PFM: Paper size 370 x 660 mm / 370 x 1050 mm

Typical uses



Types of folds



CP375 SWISS MADE

Description

Stop perforation in both directions is one of the key features of the TOUCHLINE CP375 DUO. Combined with the creasing and folding machine TOUCHLINE TCF375, the CP375 DUO can produce even more complex jobs easily and in a single pass with stop perforation in both directions, delivering creasing and folding that is both impressive and efficient.

- Simple menu-driven operation. All important settings can be made centrally, directly via the touchscreen.
- For operation, all models are fitted with an automatic, ergonomic control panel during production.
- The professional ultrasound guidance system ensures high reliability during production.
- The inserted tools are detected electronically and the required pressure is automatically adjusted. Further tools are stored in the especially designed parking slots.
- For longitudinal perforation CP375 DUO can be equipped with up to four perforating heads. Touchscreen operation.



One touch operation

CUTTING, PERFORATING AND CREASING



TOUCHLINE CPC375 WITH PILE FEEDER MISTRAL PFM

THE NEW DIMENSION IN CUTTING, PERFORATING AND CREASING

Touchline CPC375 with PFM









Some features







CREASE POSITIVE

CREASE NEGATIVE

ROTARY PERFORATION

CROSS PERFORATION



MARGIN

SLITTERS

CUTTING







Description

The TOUCHLINE CPC375 is a 4 page cutting, creasing and perforating system for use in the graphics industry that cuts and creases grammages from 80 to 400 g/m2 and, depending on the paper properties, perforates grammages up to 300 g/m2. The principal functions of the CPC375 include: slitting

and cross cutting; professional cross creasing (positive and negative); perforating, both time perforation and continuous.

The CPC375 with pile feeder is equipped with a vacuum conveyor onto which sheets can be fed from a feeder or a press. The maximum sheet size is 370 x 850 mm.

- The principal functions of the CPC375 include: slitting and cross cutting; professional cross creasing (positive and negative); perforating, both time perforation and continu-
- The tools used are electronically detected and the required pressure is automatically set. With two tool holders and a cutting unit, the CPC375 enables single-pass perforating, creasing and cutting.
- For longitudinal processing, the CPC375 can be equipped with up to four perforating heads.



Wastepaper bin

TOUCHLINE CPC375 ONLINE

THE NEW DIMENSION IN CUTTING, PERFORATING AND CREASING

Touchline CPC375 online









Some features



CREASE

NEGATIVE



ROTARY

PERFORATION





POSITIVE

MARGIN

SLITTERS

CREASE



CUTTING



CENTRE SLITTER 2-UP (SRA3 = 4x A5)

CROSS PERFORATION



Digital Printing System

Description

The TOUCHLINE CPC375 is a 4 page cutting, creasing and perforating system for use in the graphics industry that cuts and creases grammages from 80 to 400 g/m2 and, depending on the paper properties, perforates grammages up to 300 g/m2. The principal functions of the CPC375 include: slitting

and cross cutting; professional cross creasing (positive and negative); perforating, both time perforation and continuous.

The CPC375 online is equipped with a vacuum conveyor onto which sheets can be fed from a feeder or a press. The maximum sheet size is 370 x 850 mm.

Features

- The principal functions of the CPC375 include: slitting and cross cutting; professional cross creasing (positive and negative); perforating, both time perforation and continu-
- The tools used are electronically detected and the required pressure is automatically set. With two tool holders and a cutting unit, the CPC375 enables single-pass perforating, creasing and cutting.

CPC375 Online

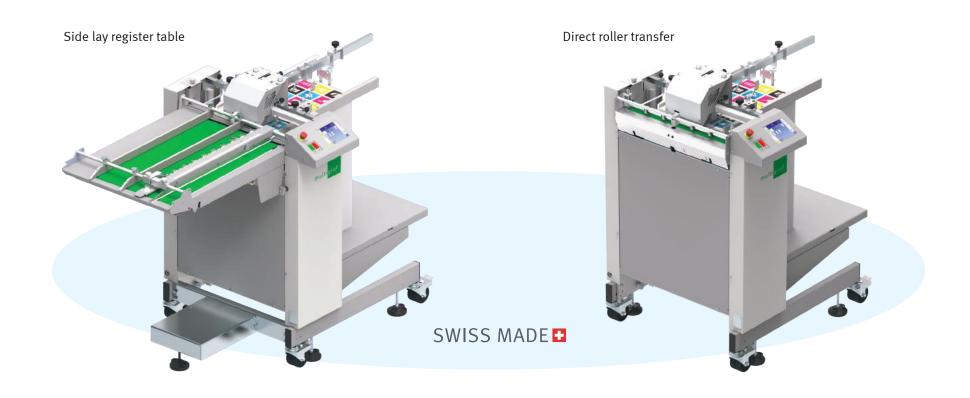
■ For longitudinal processing, the CPC375 can be equipped with up to four perforating heads.

OEM - ORIGINAL EQUIPMENT MANUFACTURER



PILE FEEDER MISTRAL PFM

HIGH PILE VACUUM-AIR FEEDER WITH A SMOOTH INFEED BELT SYSTEM



Description

Mistral, Multigraf's newest development is a high pile vacuumair feeder that works with a smooth infeed belt system. No air pressure pump is necessary. The machine runs extremely silently, generating almost no heat and importantly, thanks to its low power consumption, very economically.

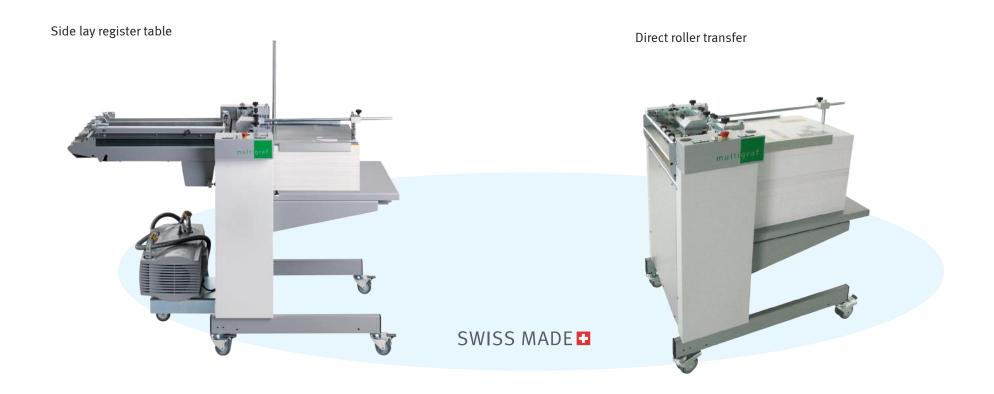
Options

■ The Mistral Feeder 52 can be equipped with a side lay register table to feed products fully registered to a finishing device, such as an inkjet, spot varnishing, laser cut or laminating machine. The Mistral Feeder 52 can be equipped with direct roller transfer to feed products without registration to a finishing device.

Sheet size	520 x 750 mm, option 1050 mm (20.5" x 29.5", option 41.3") 148 x 210 mm (5.8" x 8.3") (A5 min. sheet size)
Paper stocks	65 gsm up to 500 gsm - depending on substrate (even envelopes)
Paper stack height	660 mm
Power supply	100 - 240 VAC / 50-60 HZ
Speed	8000 sheets per hour / 45 m/min - depending on job

PILE FEEDER PFA

THE PFA IS A UNIVERSAL PILE FEEDER WHICH IS ABLE TO FEED SHEET OF DIFFERENT QUALITIES FROM A PILE INTO ANOTHER MACHINE



Description

The PFA range is a range of universal pile feeders able to feed sheet of different qualities from a pile into another machine. The sheets are fed from the top of the pile by a vacuum drum. For perfect sheet separation, all feeders come with a front airblow system as standard.

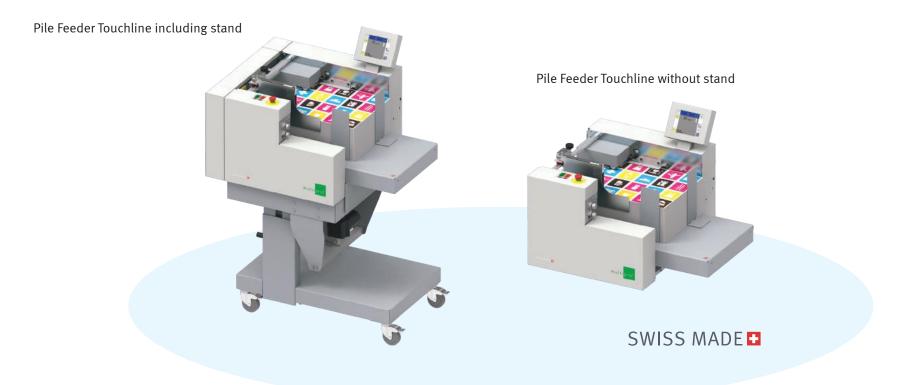
Options

- For accurate use, different side lay register tables are available to feed products fully registered to a finishing device, such as an inkjet, spot varnishing, laser cut or laminating machine.
- Optional side lay tables are available, with registration left side and right side and up to 1050 mm sheet size registration length.
- PFA feeders can be equipped with direct roller transfer to feed products without registration into a finishing device.
- Optionally, paper trolleys are available for industrial use to preload the paper outside the machine. Paper infeed widths: 520 mm (20.5") (PFA-52) and 750 mm (29.5") (PFA-75).

	PFA-52	PFA-75
Sheet size	Min. 120 x 120 mm (4.7" x 4.7") Max. 520 x 750 mm (20.5" x 29.5")	Min. 120 x 120 mm (4.7" x 4.7") Max. 750 x 1000 mm (29.5" x 39.4")
Paper stocks	60 gsm up to 500 gsm - depending on substrate	60 gsm up to 500 gsm - depending on substrate
Paper stack height	660 mm (26")	660 mm (26")
Power supply	100 - 240 VAC, 50-60 HZ	100 - 240 VAC, 50-60 HZ

PILE FEEDER TOUCHLINE

THE FEEDER USES VACUUM BELT TECHNOLOGY AND AIR KNIFE CONTROL FOR PERFECT SHEET SEPARATION



Description

The feeder uses vacuum belt technology and air knife control for perfect sheet separation. No additional pump is needed. Resulting in reduced noise emissions in a print room environment. The maximum sheet size is 375 x 1050 mm (with table extension). As standard the feeder comes with a touchscreen and ultrasonic double sheet detector.

Options

Optionally available with a height adjustable base.

Sheet size	Min. 105 x 148 mm (4.1" x 5.8") Max. 375 x 650 mm / 1050 mm with table extension (Max. 14.8" x 25.6" / 41.3" with table extension)
Paper stocks	80 up to 400 gsm - depending on material quality
Feeder system	Quiet fan system with infeed belts, no noisy air pump
Loading capacity	180 mm
Speed	Up to 8000 A4/h - depending on job

SUCTION FEEDER MSF-52 / MSF-35

THE MOTORISED SUCTION FEEDER IS A UNIVERSAL SOLUTION FOR FEEDING DIFFERENT MATERIALS INTO A WIDE RANGE OF MACHINES



Description

The Multigraf motorised suction feeder is a universal solution for feeding different materials into a wide range of machines, for example folding machines, creasing machines, UV coaters, ink-jet printers. This stand alone bottom suction feeder is fully motorised.

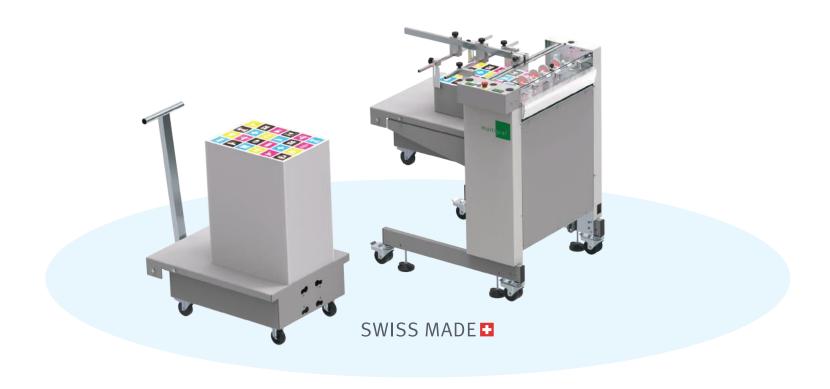
Options

Optionally available with a height adjustable stand, a preselect batch counter and a vacuum pump. The vacuum drum ensures precise sheet separation while paper tray reloading takes place continuously

Sheet size	Min. 80 x 100 mm (min. 3.1" x 3.9") Max. 520 x 750 mm (MSF-35: 350 x 650 mm) (Max. 20.5" x 29.5" (MSF-35: 13.8" x 25.6"))
Loading capacity	50 mm - depending on material quality
Paper stocks	60 to 300 gsm - depending on material quality
Speed	Up to 15000 A4/h - depending on job

PILE STACKER PST-52 - INLINE STACKING SOLUTION

THE PST-52 PILE STACKER IS AN INLINE STACKING SOLUTION FOR HIGH QUALITY PAPER STACKING



Description

The Multigraf PST-52 Pile Stacker is an inline stacking solution that delivers high quality paper stacking. The PST-52 is equipped with two easily removable standard paper trolleys. Once a stack is full, users simply wheel out the full trolley, wheel in the second (empty) one and continue production. Optionally, additional trolleys are available to further improve production.

The PST-52 stacking device is a professional and high quality stacking device designed to increase total solution productivity.

PST stackers are primarily used to receive paper, cardboard, PVC sheets, die-cut sheets, etc. from machines such as laminators, ink-jet printing machines and digital printing engines.

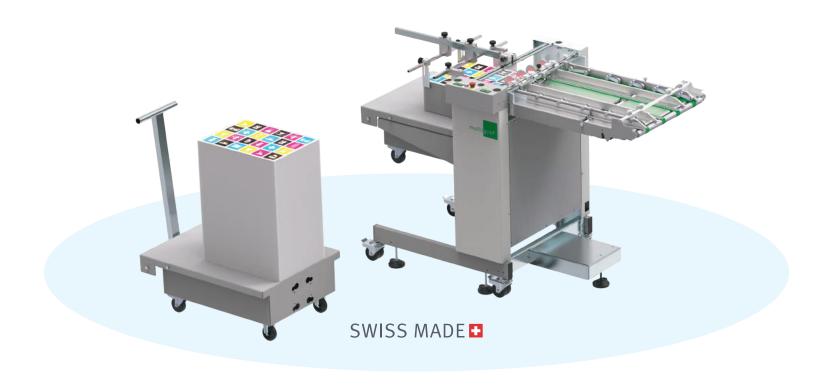
Options

The PST Stacker has a modular design. It can be equipped with a basic infeed device for standard applications, one by one.

Sheet size	Min. 120 x 120 mm (4.7" x 4.7") Max. 520 x 750 mm (20.5" x 29.5")
Pile height	Max. 660 mm (26")
Paper stocks	60 - 500 gsm
Paper trolley	standard, 2 units
Speed	5 - 150 m/min., depending on configuration
Paper infeed height	870 / 950 / 1050 mm (34.2" / 37.4" / 41.3")

PILE STACKER PST-52 - UNIVERSAL STACKING SYSTEM

THE PST-52 PILE STACKER IS A UNIVERSAL STACKING SYSTEM THAT CONNECTS ONLINE TO DIFFERENT MACHINES



Description

The PST-Pile Stacker is a universal stacking system that connects online to different machines to optimise the output capacity. It can receive sheets either individually or shingled on an infeed belt to produce a precise paper stack. This stack is placed on a paper trolley which can be, once it is full, wheeled out of the machine. The PST-52 is equipped with two easily removable standard paper trolleys.

PST stackers are primarily used to receive paper, cardboard, PVC sheets, die-cut sheets, etc. from machines such as laminators, ink-jet printing machines and digital printing engines.

Options

■ For more industrial uses, an extended shingling belt is available. This makes it possible to catch paper shingled from a very fast finisher or cutter. Also a centre guide is available for 2-up stacking

Sheet size	Min. 120 x 120 mm (4.7" x 4.7") Max. 520 x 750 mm (20.5" x 29.5")
Pile height	Max. 660 mm (26")
Paper stocks	60 - 500 gsm
Paper trolley	standard, 2 units
Speed	5 - 150 m/min., depending on configuration
Paper infeed height	870 / 950 / 1050 mm (34.2" / 37.4" / 41.3")

STREAM DELIVERY A-25

THE A-25 IS AN AUTOMATIC SHINGLING STREAM DELIVERY UNIT



Description

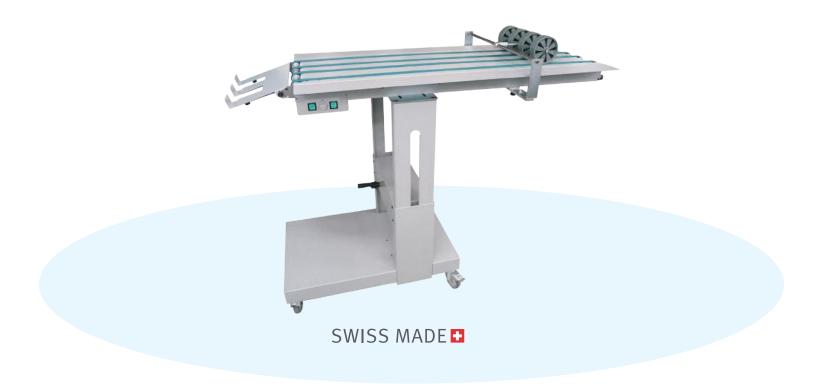
The A-25 is an automatic shingling stream delivery unit. It is equipped with a sheet detection sensor for stop and go operation, speed adjustment and a height adjustable stand. The A-25 is the perfect and cost effective outlet device for single sheets. The delivery unit is equipped with 2 catch rollers and 2 belts.

Two different stand versions are available. Either a scissor design or a multi-adjustable stand.

	A-25 with cross feet	A-25 with height adjustable stand	A-25 with cross feet and feet extension
Delivery width	340 mm (13.4")	340 mm (13.4")	340 mm (13.4")
Delivery length	1100 mm (43.3")	1100 mm (43.3")	1100 mm (43.3")
Height adjustable	340 - 900 mm (13.4" - 35.4")	570 - 900 mm (22.4" - 35.4")	350 - 1040 mm (13.8" - 40.9")
Diagonal adjustment	yes	no	yes
Speed	1.5 - 15.5 m/min.	1.5 - 15.5 m/min.	1.5 - 15.5 m/min.

STREAM DELIVERY ASD-52

THE ASD-52 IS AN AUTOMATIC SHINGLING STREAM DELIVERY UNIT



Description

The ASD-52 is an automatic shingling stream delivery unit. It is equipped with a sheet detection sensor for stop and go operation, speed adjustment and a height adjustable stand.

The ASD-52 is the perfect and cost effective outlet device for production of two across sheets. The delivery unit is equipped with 4 catch rollers as well 4 belts and is mounted on a multiadjustable stand.

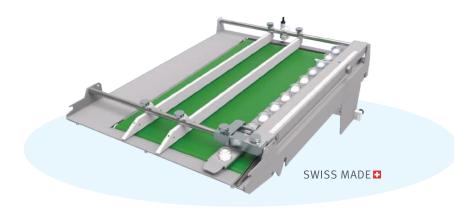
Delivery width	520 mm (20.4")
Delivery length	1100 mm (43.3")
Adjustment range	570 - 900 mm (22.4" - 35.4")
Power supply	100 - 240 VAC, 50/60 Hz
Speed	adjustable, 1.5 - 15.5 m/min.

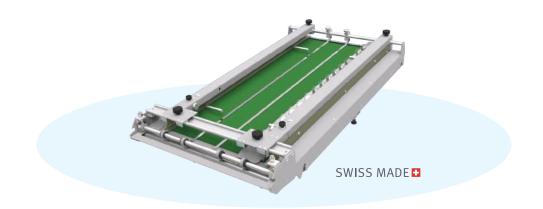
SIDE LAY REGISTER TABLE

THIS BELT FEATURES SHEET ALIGNMENT AT AN ADJUSTABLE ANGLE

UNIVERSAL REGISTER TABLE

THIS UNIVERSAL BELT SYSTEM FEATURES SHEET ALIGNMENT TO THE LEFT AND RIGHT WITH AN ADJUSTABLE ANGLE FOR DELICATE JOBS





Description

This belt features sheet alignment at an adjustable angle.

Options

 Optional available with double sheet detection.

Technical Specifications

Width x length	520 x 750 mm (20.5" x 29.5")
	520 x 1050 mm (20.5" x 41.3")
	750 x 1050 mm (29.5" x 41.3")

Description

This universal belt system, features sheet alignment to the left and right with an adjustable angle for delicate jobs. Even straight registration can be adjusted.

Options

 Optional available with double sheet detection.

Technical Specifications

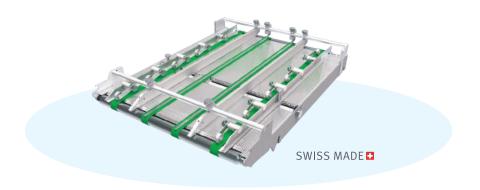
Wid	th x length	520 x 1050 mm (20.5" x 41.3")
		750 x 1050 mm (29.5" x 41.3")

STRAIGHT BELT TABLE

A SOLUTION FOR PILE STACKERS IN THE FORM OF A SHINGLING RECEPTION BELT FOR TWO UP TRANSPORTATION

VACUUM TRANSPORT TABLE

THE VACUUM BELT IS AN INDEPENDENT CONVEYOR BELT MODULE FOR TRANSPORTING DIFFERENT PRODUCTS





Description

A solution for Pile Stackers in the form of a shingling reception belt or as a transport belt for two up transportation

Technical Specifications

Width x length	520 x 700 mm with 4 belts (20.5" x 27.6" with 4 belts)
	750 x 1050 mm with one big belt (29.5" x 41.3" with one big belt)

Description

The vacuum belt is an independent belt conveyor module for the transport of sheets, labels, tickets, envelopes, leaflets, reviews, open boxes, adhesives and so on.

The belt table includes a highly resistant and high-friction rubber belt, 4 chamber fan section as well an external connection shaft to enable mounting a custom transmission such as stepper or DC motor.

Technical Specifications

Width x length 375 x 1300 mm (14.8" x 51.2")

ROLLER CONVEYOR RC-35

THE ROLLER CONVEYOR IS AVAILABLE IN A WIDTH OF 350 MM



Description

The roller conveyor is available with left and right alignment and in a width of 350 mm. Perfect sheet registration. It may be used for different applications in line or at a right angle to the left or right.

The roller conveyor RC-35 can be adapted for different jobs thanks to its variable speed and adjustable stand.

Width x length	350 x 1000 mm (13.8" x 39.4")
Delivery width	350 mm (13.8")
Delivery length	1235 mm (48.6")
Adjustment range	640 - 1050 mm (25.2" - 41.3")
Alignment	left or right
Speed	12 - 160 m/min.

BANDING MACHINES





BANDING MACHINE WK02-30/WK02-30B

AUTOMATIC BANDING MACHINE FOR EVERY APPLICATION



Description

The models WK02-30/WK02-30B are banding systems for various product types. They are compact and quickly operational thanks to abort heating-up time. WK02-30/WK02-30B can be operated with paper or plastic bands.

- Paper or plastic banderoles
- Electronical monitoring for simple operation
- Binding in less than three seconds
- Short start-up time of less than six seconds
- Ergonomic operation
- Compact and sturdy construction



Paper and plastic banderoles

BANDING MACHINE WK03-30

COMPACT AND MOBILE TABLE TOP MODEL

WK03-30



Description

Compact and mobile table top banding machine Multigraf WK03-30. The model WK03-30 banding system is suitable for a range of products. It is quickly operational thanks to a short heating-up time. WK03-30 can be operated with paper or plastic bands. (?)

Features

- Can use 60-micron plastic tape.
- Up to 26 bandings/min.
- With total counter.
- Tape tension easily adjustable.
- Touch screen control panel.Step control to clear tape jam.
- Ready for immediate use.
- Photo sensor on table top.
- Foot pedal included as standard.

Options

■ Adjustable table height (with dispenser, model WK03-30B).



OPP transparent film, paper tape





Multigraf AG Print Finishing Systems Grindelstrasse 26 CH-5630 Muri (AG)

T+41 56 675 58 00 F+41 56 675 58 60

mail@multigraf.ch www.multigraf.ch



Multigraf AG adheres to a policy of continuous improvement and reserves the right to modify the technical data provided in this document without prior notification. The production rates are based on optimum operating conditions and may be reduced dependent on use and ambient conditions. Subject to technical modifications and errors.

