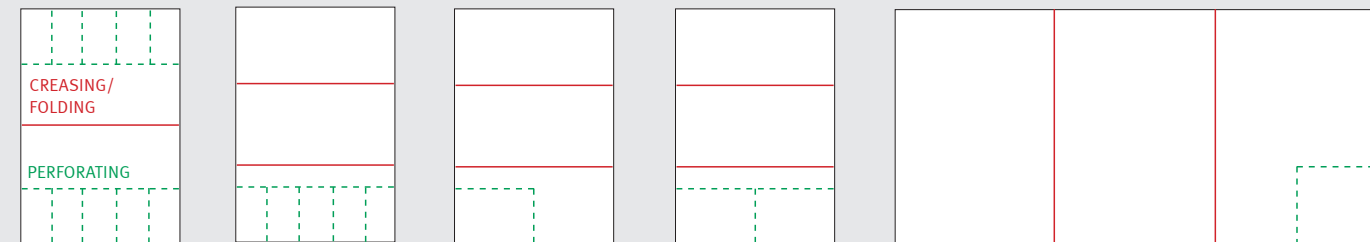


Technical Specifications Perforating & Creasing

Feeder system	suction feeder	Working system	Multigraf Quick-Set
Feeder capacity	180 mm / 660 mm*		interchangeable tools
Paper size minimum	105 x 148 mm	Reception tray height	120 mm
Paper size maximum	375 (370*) x 660 mm	Delivery belt	optional shingling delivery, L = 1'100 mm, P/N 482.112
	375 (370*) x 1'050 mm with table extension	Speed	depending on job, up to 6'000 sh./h
Paper stocks perforating	80-300 gsm or max. 0.3 mm**	Dimension	ca. 1'650 x 610 x 1'200 mm
Paper stocks creasing	80-400 gsm or max. 0.4 mm**		ca. 2'580 x 680 x 1'200 mm*
Control panel	touchscreen	Weight	ca. 164 kg / 279 kg*
Double sheet detection	ultrasonic	Electrical connection	100-240 VAC, 50/60 Hz

*CP375 DUO with Mistral Feeder PFM
**Paper stocks depending on material quality

Sample Applications In One Operation



Standard Tools Cross Direction

	Perforating	Creasing
Tool detection	automatic	automatic
Pressure adjustment	3 depths for each style	3 depths for each style
Number of tools (standard)	1 perforating tool, 11 TPI	1 negative creasing tool
Optional perforating knife	17 TPI and 26 TPI	-
Additional tools	stop perforating tool, optional	positive creasing tool, optional
Number of operations	up to 20 per sheet	up to 20 per sheet
Minimum distance	3 mm	1 mm
Time perforating/creasing	yes, optional	-

Rotary Tools Feed Direction

Perforating	max. 4 heads simultaneously
Standard perforation	11 TPI (optional: 17 TPI / 26 TPI)
Minimum distance	30 mm, from line to line
Distance time perforation	min. 5 mm
Number of perforations	1-5 per sheet



CP375 DUO



CP375 DUO with Mistral Feeder PFM

Technical Specifications Perforating, Creasing & Folding

Feeder system	suction feeder	Double sheet detection	ultrasonic
Feeder capacity	180 mm / 660 mm*	Working system	Multigraf Quick-Set interchangeable tools
Sheet transfer device	vacuum belt	Deliveries	folding = shingling delivery creasing only = lower reception tray
Paper size minimum	105 x 148 mm	Speed	depending on job, up to 6'000 sh./h
Paper size maximum	375 (370*) x 660 mm	Dimension	ca. 3'170 x 610 x 1'320 mm ca. 4'050 x 680 x 1'320 mm*
	375 (370*) x 1'050 mm with table extension	Weight	ca. 365 kg / 385 kg*
Paper stocks perforating	80-300 gsm or max. 0.3 mm**	Electrical connection	100-240 VAC, 50/60 Hz
Paper stocks creasing & folding	80-400 gsm or max. 0.4 mm**		
Control panel	touchscreen		

*CP375 DUO and TCF375 with Mistral Feeder PFM
**Paper stocks depending on material quality



Multiple applications
The creasing tools (positive and negative) as well as the perforating tools (standard and stop perforation) may be used on either tool position.

1 Creasing tool negative
2 Creasing tool positive



Two cross tool positions
The creasing and perforating tools are automatically detected and the relevant pressure is automatically set. No manual adjustments are needed.



CP375 DUO and TCF375



CP375 DUO and TCF375 with Mistral Feeder PFM

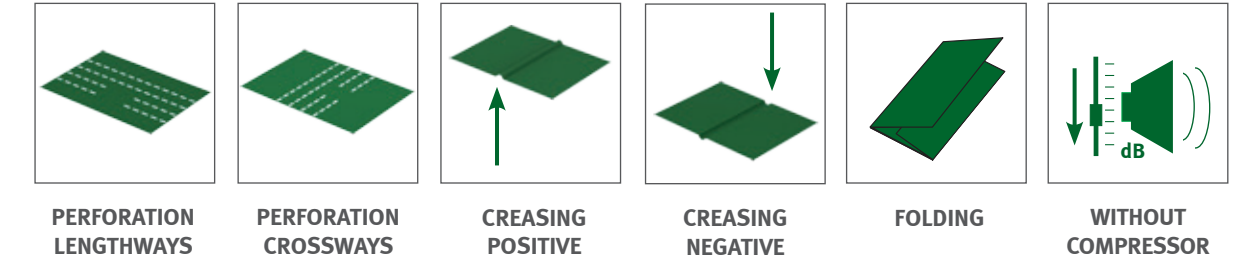
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THE NEW DIMENSION IN PERFORATING, CREASING AND FOLDING
OVERVIEW TOUCHLINE FAMILY

SOME FEATURES



CP375 DUO and TCF375 with Mistral Feeder PFM

Ref: Gesamtprospekt TL/ENV/03/04.17

Technical Specifications Creasing

Feeder system	suction feeder
Feeder capacity	180 mm
Paper size minimum	105 x 148 mm
Paper size maximum	375 x 660 mm 375 x 1'050 mm with table extension
Paper stocks creasing	80-400 gsm or max. 0.4 mm*
Control panel	touchscreen

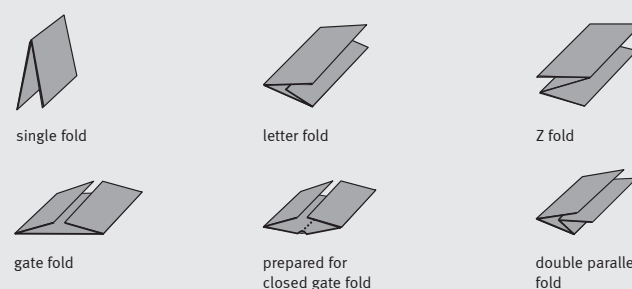
Double sheet detection	ultrasonic
Creasing system	creasing bar
Reception tray height	120 mm
Speed	depending on job, up to 6'000 sh./h
Dimension	ca. 1'560 x 610 x 1'200 mm
Weight	ca. 132 kg
Electrical connection	100-240 VAC, 50/60 Hz

*Paper stocks depending on material quality

Creasing Tool

Pressure adjustment	3 depths, automatically adjustable by touchscreen
Number of tools	1 creasing tool = 2 different styles more creasing tools optionally available
Number of operations	up to 20 per sheet
Minimum distance	1 mm
Perforation	no

Creasing patterns for the following fold types are included in the standard program:



Technical Specifications Creasing & Folding

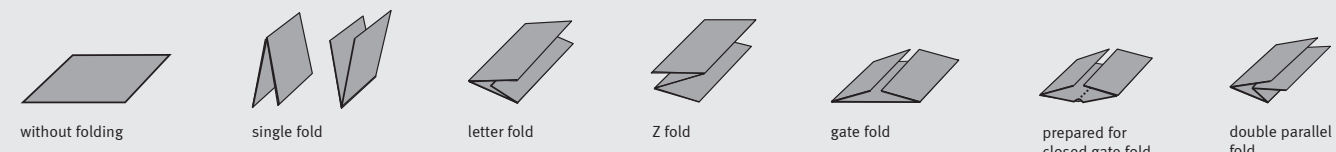
Feeder system	suction feeder
Feeder capacity	180 mm / 660 mm*
Paper size minimum	105 x 148 mm
Paper size maximum	375 (370*) x 660 mm 375 (370*) x 1'050 mm with table extension
Paper stocks	80-400 gsm or max. 0.4 mm**
Control panel	touchscreen
Double sheet detection	ultrasonic
Creasing system	Multigraf Swingbar
Creasing styles	1 creasing bar = 2 styles
Crease depths	3 automatic setups
Number of creases	20

Minimum crease distance	30 mm
Fold system	Multigraf Pro-Knife
Number of folds	2
Fold length minimum	30 mm
Fold length maximum	500 mm
Delivery belt length	820 mm
Reception tray height	120 mm
Speed	depending on job, up to 6'000 sh./h
Dimension	ca. 1'820 x 610 x 1'320 mm ca. 2'790 x 680 x 1'320 mm*
Weight	ca. 196 kg / 311 kg*
Electrical connection	100-240 VAC, 50/60 Hz

*CF375 with Mistral Feeder PFM

**Paper stocks depending on material quality

TOUCHLINE CF375 supports the following common fold types:



Touchscreen

Very simple and menu driven operation. All elementary settings are entered directly over the touchscreen.

Max Size	375 x 1050mm
Min Size	105 x 148mm
80-400 gsm	Speed 5000 A4/hour
Speed	6000 A5/hour



One touch operation

A small, centralised and ergonomic operating panel offers all necessary functions for a fast production start.



Vacuum pile feeder

The pile feeder is using a vacuum belt technology and air knife control for a perfect sheet separation. It handles paper sizes from 105 x 148 mm to 375 x 1'050 mm.

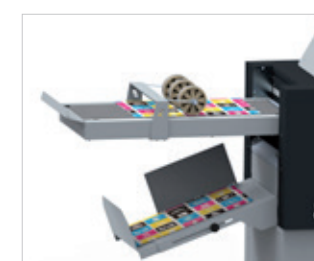


C375



Double sheet detection

A professional ultrasonic double sheet detection system which offers a 100% control of all sheets running through the machine.



Two delivery sections

The delivery side consists of two different output levels. For creasing and folding, the upper delivery belt is used. For creasing only the lower reception tray.



Perforating device

An online perforating device is available for the lower exit level as an option.

Max Size	375 x 1050mm
Min Size	105 x 148mm
80-400 gsm	2 Folds
Max Creases	20
Speed	5000 A4/hour
Speed	6000 A5/hour



CF375



CF375 with Mistral Feeder PFM



Perforating and creasing tools

The tools are automatically detected and the relevant pressure is automatically set. Additional tools may be stored in the especially designed parking slots.



Rotary tools

Up to four perforating heads are available: all of them plug and play. The setup will be done within just a few seconds on the touchscreen control panel.



Side guide system

The side guide unite features a very precise sheet infeed system: simple one hand operation, top guiding system for secure and straight infeed.

Max Size	375 x 1050mm
Min Size	105 x 148mm
80-400 gsm	Max Creases 20
Speed	5000 A4/hour
Speed	6000 A5/hour



CP375 MONO



CP375 MONO mit Mistral Feeder PFM

*CP375 MONO with Mistral Feeder PFM

**Paper stocks depending on material quality