TWO SPOT-COLOUR SYSTEM BY

ALE
More than a printer >>>

This range of innovative solutions have been especially designed to help industry meet the GHS/ CLP regulation and print all their safety codes or any two-colour messages, directly onto their packaging !

TWO COLOURS - ONE SINGLE MACHINE

Creating and printing two-colour safety data has never been so simple ! Forget now about expensive labels and pre-printed boxes .
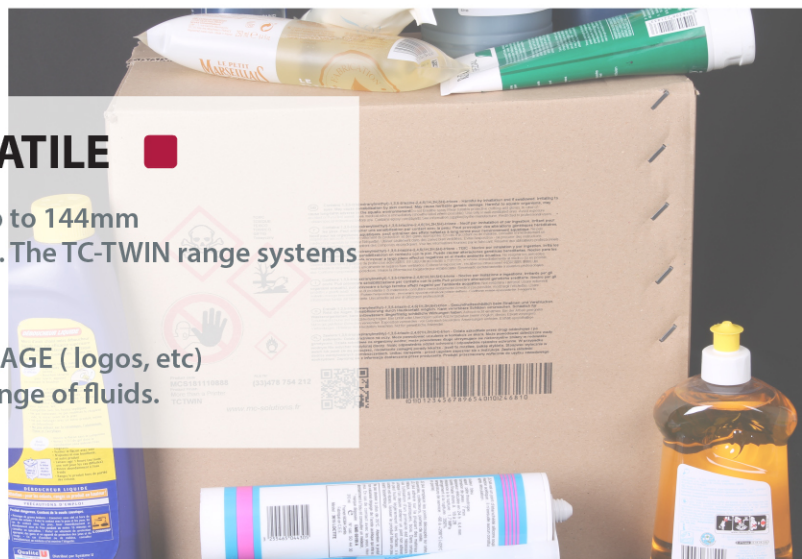
Official GHS / CLP LOGOS ARE ALREADY STORED IN THE SOFTWARE LIBRARY to help you create your message and COLOURS ARE THEN AUTOMATICALLY ADJUSTED thanks to powerful features of the software.

The TWO SEPARATE RESERVOIRS (one for each colour) prevent any colour overlap or leak.

FLEXIBLE AND VERSATILE

Comes with THREE DIFFERENT PRINT BANDS, 54, 72 and up to 144mm depending on the amount of traceabiliy data to be printed. The TC-TWIN range systems are the perfect ALTERNATIVE TO EXPENSIVE LABELS !

The printers are also able to print ANY TWO-COLOUR MESSAGE (logos, etc) and any two set of colour can be choosen among a wide range of fluids.
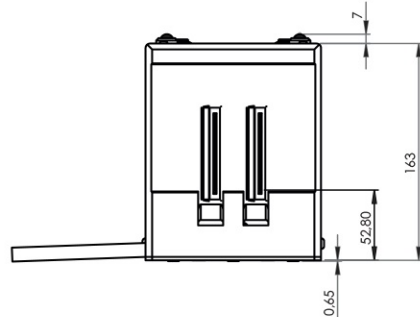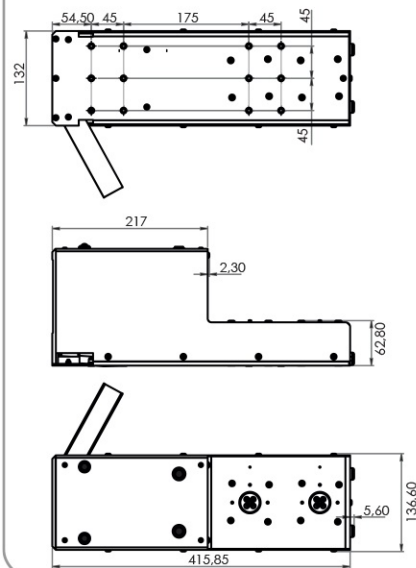
TC·TWIN SERIES

	TC·TWIN 54	TC·TWIN 72	TC·TWIN 144 ·35PL	TC·TWIN 144·80PL
PRINTING SPECIFICATIONS				
Print Band	54 mm	72 mm	144 mm	144 mm
Resolution	90-360 Dpi (Vertical) - Depending on print density and speed			
Maximum print Speed (1)	50m/min	38m/min	60m/min	38m/min
Drop size	60pL	80pL	35pL	80pL
Printing Frequency	6 Khz	4,3 Khz	7,1 Khz	4,3 Khz
Distance of lower point from base	52 mm	59 mm	48 mm	48 mm
Print distance	For optimum quality, up to 0,7 cm from substrate			
Print Head orientation	Side printing (For omnidirectional printing you can use two printers of the PR Series)			
Substrates	Porous (oil-based inks) - Non-porous (solvent-based inks)	Porous (oil-based inks) - Non-porous (solvent-based inks)	Porous (oil-based inks)	Porous (oil-based inks) - Non-porous (solvent-based inks)
MESSAGE SPECIFICATIONS				
Fonts	True Type - Open Type			
Effects	Size, Orientation, Mirror, Negative Image			
Characters size	From 0,7 to 54 mm	From 0,7 to 72 mm	From 0,7 to 144 mm	
Variable data	In real time date (hours, minutes, seconds, month and year - formats can be customised) / Pre or post date / Data coming from external communication devices / Batch and serial numbers, shifts, counters, etc.			
Barcodes	ITF type, ITF14, UPC-A, EAN8, EAN13, EAN128, Code128, Code39, DM GS1, RSS-14, Codabar, RSS-EX, Datamatrix, QR Codes			
Graphic formats supported	All			
MACHINE SPECIFICATIONS				
Weight (2)	5,4 Kgs	5,5 Kgs	8,9 Kgs	8,9 Kgs
Housing	Stainless Steel Enclosure			
Operating environment	From 5 to 45°C - Humidity from 0 to 90% (non condensing)			
Ink system	Two separate ink reservoirs (one per colour) 250 or 600mL ink bottles - Easy clean and secured ink replacement with no production stop Automatic software colour adjustment		Four separate ink reservoirs (one per colour) 250 mL ink bottles - Easy clean and secured ink replacement with no production stop Automatic software colour adjustment	
Characteristics	Ink catcher, prime button and ink low built-in			
Maintenance	Low level of maintenance - service by local teams (authorized distributors)			

(1) Maximum print speed for a resolution of 180 Dpi　　　　**(2) See dimensions of the machines below**

◼ DIMENSIONS

TC-TWIN 54 & 72 MM

TC-TWIN 144 MM

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