TC SERIES

HIGH-RESOLUTION INKJET SYSTEM BY

ALE *More than a printer* ▶▶▶

*Compact, economical and versatile systems,
the printers of the TC range are the perfect solution for side printing on almost any surface
from 18 to 144mm high !*

■ PRINT UNTIL THE LAST DROP

ALE direct inkjet systems are among the most economical solutions:
LOW MAINTENANCE, LOW COST OF OWNERSHIP, NO DOWNTIME!

Thanks to their specific design working with either 250ml or 600ml ink bottles, TC printers offer EXCEPTIONAL RUNTIME.

Contrary to cartridges, you can PRINT UNTIL THE LAST DROP and there is NO PRODUCTION LINE STOP while changing the bottle.

QUALITY AND FLEXIBILITY ■

Comes with FOUR DIFFERENT PRINT BANDS, from 18 to 144mm, depending on the amount of traceabiliy data to be printed.

The printers are also able to print on either POROUS and NON-POROUS SURFACES thanks to our specific range of fluids.
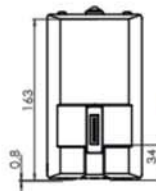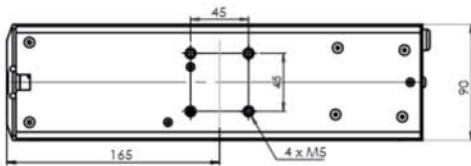
TC SERIES

	TC18	TC54	TC72-35PL	TC72-80PL	TC144-35PL	TC144-80PL
PRINTING SPECIFICATIONS						
Print Band	18mm	54mm	72mm	72mm	144m	144mm
Resolution	90-360 Dpi (Vertical) - Depending on print density and speed					
Maximum print Speed (1)	42m/min	50m/min	60m/min	38m/min	60m/min	38m/min
Drop size	80pL	60pL	35pL	80pL	35pL	80pL
Printing Frequency	6 Khz	4,3 Khz	7,1 Khz	4,3 Khz	7,1 Khz	4,3 Khz
Distance of lower point from base	34mm	42mm	50mm			
Print distance	For optimum quality, up to 0,7 cm from substrate					
Print Head orientation	Side printing					
Substrates	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 18 mm	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)	3,1 Kgs	3,3 Kgs	3,3 Kgs	3,3 Kgs	4,1 Kgs	4,1 Kgs
Housing	Stainless Steel Enclosure					
Operating environment	From 5 to 45°C - Humidity from 0 to 90% (non condensing)					
Ink system	High capacity ink reservoir. 250 or 600mL ink bottles - Easy clean and secured ink replacement with no production stop				Two separate ink reservoirs. 250 or 600 mL ink bottles - Easy clean and secured ink replacement with no production stop	
Characteristics	Ink catcher, prime button and ink low built-in					
Maintenance	Low level of maintenance - service by local teams (authorized distributors)					

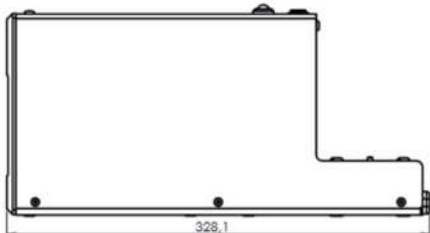**(1) Maximum print speed for a resolution of 180 Dpi**

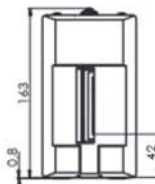**(2) See dimensions of the machines below**

◼ DIMENSIONS

TC 18, 54 & 72 MM

18MM

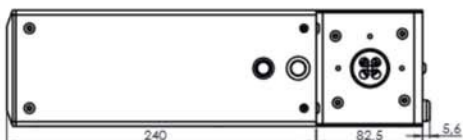54MM

72MM

TC 144 MM

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