

HMI's

- Performance
- Essential
- 4", 7", 10"
- Ethernet



Selection Guide – HMI's

	Essential		Performance		
	 CT104	 CT107	 CPT104N-E	 CPT107-E	 CPT110N-E
Size	4,3"	7"	4,3"	7"	10,1"
Resolution	480 x 272	800 x 480	480 x 272	800 x 480	1024 x 600
Brightness	400 cd/m²	300 cd/m²	400 cd/m²	400 cd/m²	350 cd/m²
Processor	A8 - 600 MHz	A8 - 600 MHz	A8 - 600 MHz	A8 - 600 MHz	A8 - GHz
Storage memory	128 MByte	128 MByte	128 MByte	128 MByte	4 GByte
RAM memory	128 MByte	128 MByte	128 MByte	128 MByte	1 GByte
USB	Host USB 2.0	Host USB 2.0	Host USB 2.0	Host USB 2.0	Host USB 2.0
Ethernet	1 RJ45,10/100Mbit/s	1 RJ45,10/100Mbit/s	1 RJ45,10/100Mbit/s	1 RJ45,10/100Mbit/s	2 RJ45,10/100Mbit/s
RS 232	COM 1	COM 1	COM 1	COM 1	COM 1 / COM 3
RS 485	COM 1 / COM 3	COM 2	COM 1	COM 1	COM 2 / COM 3
CAN	N/A	N/A	N/A	N/A	N/A

CROUZET Touch Soft

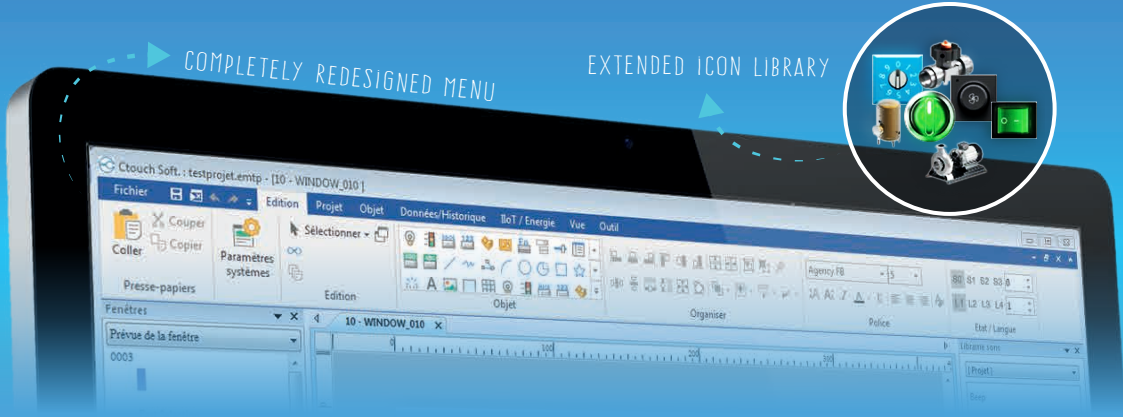
CROUZET TOUCH SOFT

NEW UPGRADE!

Get the newest version of **Crouzet Touch Soft** for free and play around with our most intuitive and well designed user interface yet

COMPLETELY REDESIGNED MENU

EXTENDED ICON LIBRARY



IMAGINE AND CONCEIVE YOUR PROJECT IN AN EASY WAY

- Manage all your HMI project from Crouzet Touch Utility Manager
- A wide range of tools to help you develop the perfect project
- Dedicated communication drivers for em4 and Millenium 3 allowing simple addressing and label management
- Import existing MTP HMI programmes into the new Crouzet Touch Soft
- It's available in english, french, italian, german, spanish

KEY FEATURES

FUNCTION BAR
• With simple icons

ORGANISE YOUR PROJECT
• Tree and display all object names

CUSTOMISE YOUR APPLICATION
• Create your own library and import pictures

ENHANCED SECURITY
• By creating access levels for users

CREATE AND DESIGN
• Main window makes it easy to create any functional object

LABEL TAG
• Allows use of up to 8 different languages

ASSOCIATED FEATURES

- **EMAIL & CSV**
Send e-mails with datalog files (csv) from a data sampling and when an event is triggered
- **ENHANCED SECURITY**
Enhanced security mode to manage users and classes easily with dedicated system pages
- **EASY DIAGNOSER**
Analysing and diagnosing communication between HMI and PLC
- **PASS THROUGH**
Allows connection of the PLC to the HMI allowing debugging of the system

- **RECIPE IMPORT / EXPORT**
Creating and managing recipes is much easier using the «recipe view» object and system registers available in Crouzet Touch software
- **COMBO BUTTON**
Execute multiple commands with one button
- **EASY SIMULATOR**
Allows online / offline simulation of your HMI application
- **VNC**
Allows network connection to the HMI via VNC client on PC or mobile phone

Selection Guide – HMI's

Crouzet's HMI's

Crouzet HMI's are perfectly suited to be used with the whole range of Crouzet's Automation Controllers, thanks to the several ways of communication, and the pre-configured communication drivers that simplify the configuration.

PERFORMANCE

	Size	Type	Supply	Resolution	ROM	RAM	
	4 inch HMI	Touch Screen HMI only	24 VDC	480x272	128 Mbyte	128 Mbyte	
	4 inch Kits	Cable Kit HMI + Cable for Controller Millenium3					
		Starter Kit (+Logic Controller M3) HMI + Controller Millenium3 XD10R + Cable					
		Starter Kit (+Logic Controller MEVO) HMI + Controller Millenium EVO XDP24-E + Cable					
	7 inch HMI	Touch Screen HMI Only	24 VDC	800x480	128 Mbyte	128 Mbyte	
	7 inch Kits	Cable Kit HMI + Cable for Controller Millenium3					
		Starter Kit (+Logic Controller M3) HMI + Controller Millenium3 XD26R + Cable					
		Starter Kit (+Logic Controller MEVO) HMI + Controller Millenium EVO XDP24-E + Cable					
		Starter Kit (+Nano-PLC em4) HMI + Controller em4 Ethernet + Cable					
	10.1 inch HMI	Touch Screen HMI Only	24 VDC	1024x600	4 Gbyte	1 Gbyte	
	10.1 inch Kits	Cable Kit HMI + Cable for Controller Millenium3					
		Starter Kit (+Nano-PLC em4) HMI + Controller em4 Ethernet + Cable					

ESSENTIAL

	Size	Type	Supply	Resolution	ROM	RAM	
	4 inch HMI	Touch Screen HMI only	24 VDC	480x272	128 Mbyte	128 Mbyte	
	4 inch Kit	Cable Kit HMI + Cable for Controller Millenium3					
	7 inch HMI	Touch Screen HMI only	24 VDC	800x480	128 Mbyte	128 Mbyte	
	7 inch Kit	Cable Kit HMI + Cable for Controller Millenium3					

HMI Features

- Easy to use graphic software pre-configured communication drivers
- Many Options: 4.3", 7" and 10", Essential and Performance versions
- Several ways of communication: Ethernet, Modbus, SLin/SLout

	Communication	CAN Bus	Designation	Part Number
	· 1 x Port Ethernet · 1 x Port COM1 RS232 · 1 x Port COM2 RS485	-	CTP104N-E	88 970 554N
			CTP104N-E Cable Kit	88 970 553
			CTP104N-E Starter Kit	88 970 555
			CTP104N-E Starter Kit	88 970 558
	· 1 x Port Ethernet · 1 x Port COM1 RS232 · 1 x Port COM2 RS485	-	CTP107-E	88 970 564
			CTP107-E Cable Kit	88 970 563
			CTP107-E Starter Kit	88 970 566
			CTP107-E Kit	88 970 568
			CTP107-E Starter Kit	88 970 567
	· 2 x Ports Ethernet · 1 x Port COM1 RS232 · 1 x Port COM2 RS485 · 1 x Port COM3 RS232 or RS485	-	CTP110N -E	88 970 584
			CTP110N-E Cable Kit	88 970 573
			CTP110N -E Kit	88 970 577

	Communication	CAN Bus	Designation	Part Number
	· 1 x Port COM1 RS232 or RS485 · 1 x Port COM3 RS485 · 1 x Port Ethernet	-	CT104	88 970 524
			CT104 Cable Kit	88 970 523
	· 1 x Port COM1 RS232 or RS485 · 1 x Port COM3 RS485	-	CT107	88 970 534
			CT107 Cable Kit	88 970 533

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Connect an HMI with the controller: **Cables and Expansions/Interfaces Needed**

HMI's			ACCESSORIES FOR CONNECTION VIA MODBUS (RTU)				ACCESSORIES FOR CONNECTION VIA ETHERNET (TCP/IP)				CONTROLLERS	
			Cable		Controller Expansion/Interface		Cable		Controller Expansion/Interface			
4 inch HMI 7 inch & 10 inch HMI's	PERFORMANCE	CTP104N-E		Modbus Cable 88 980 171		Modbus Interface 88 980 122 or 88 980 123		Ethernet cable 88 970 508		No Interface needed (Direct Connection to Controller)		
		CTP104N-E								Not Possible (Telecontroller em4 Alert Without Ethernet Communication)		
		CTP104N-E		M3 Modbus Cable 88 970 503		Modbus Expansion XN06 88 972 250		Ethernet Expansion XN05 88 970 270	+ Telecontroller em4 Alert			
		CTP104N-E							+ Nano-PLC em4			
		CTP107-E CTP110N-E		Modbus Cable 88 980 172		Modbus Interface 88 980 122 or 88 980 123		Ethernet cable 88 970 508		+ Communicating Logic Controller Millenium EVO		
		CTP107-E CTP110N-E								+ Logic Controller Millenium3		
		CTP107-E CTP110N-E		M3 Modbus Cable 88 970 504		Modbus Expansion XN06 88 972 250		Ethernet Expansion XN05 88 970 270	+ Telecontroller em4 Alert			
		CTP107-E CTP110N-E							+ Nano-PLC em4			
4 inch & 7 inch HMI's	ESSENTIAL	CT104 CT107		Modbus Cable 88 980 171		Modbus Interface 88 980 122 or 88 980 123		Ethernet cable 88 970 508		+ Communicating Logic Controller Millenium EVO		
		CT104 CT107								+ Logic Controller Millenium3		
		CT104 CT107		M3 Modbus Cable 88 970 503		Modbus Expansion XN06 88 972 250		Ethernet Expansion XN05 88 970 270	+ Telecontroller em4 Alert			
		CT104 CT107							+ Nano-PLC em4			