

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

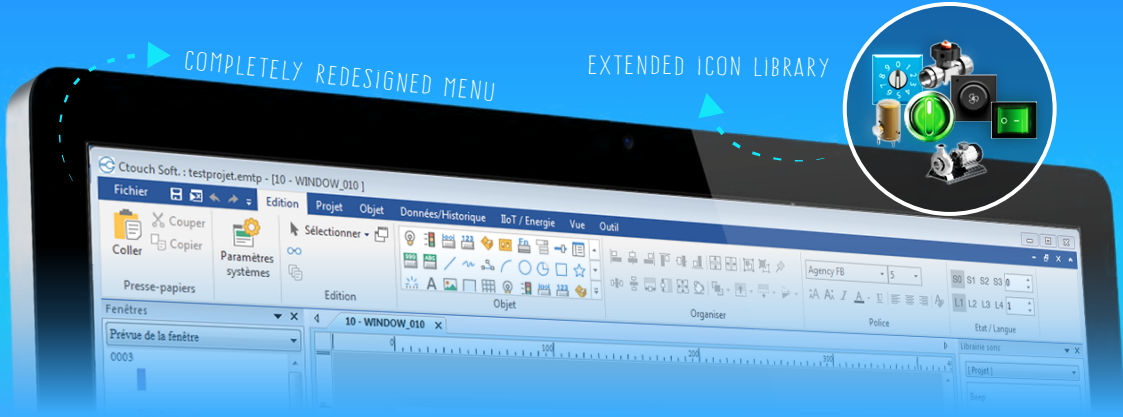
CROUZET TOUCH SOFT

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	
		Cable Kit HMI + Cable for Controller Millenium3					
		Starter Kit (+Logic Controller M3) HMI + Controller Millenium3 XD10R + Cable					
	7 inch HMI	Touch Screen HMI Only	24 VDC	800x480	128 Mbyte	128 Mbyte	
		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										
		CTP104N-E										
		CTP104N-E										
		CTP107-E CTP110N-E		M3 Modbus Cable 88 970 503		Modbus Expansion XN06 88 972 250		Not Possible (Telecontroller em4 Alert Without Ethernet Communication)				
		CTP107-E CTP110N-E										
		CTP107-E CTP110N-E										
		CTP107-E CTP110N-E										
CTP107-E CTP110N-E		M3 Modbus Cable 88 970 504		Modbus Expansion XN06 88 972 250		Ethernet cable 88 970 508		No Interface needed (Direct Connection to Controller)				
CTP107-E CTP110N-E												
CTP107-E CTP110N-E												
CTP107-E CTP110N-E												
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		No Interface needed (Direct Connection to Controller)		
		CT104 CT107										
		CT104 CT107										
		CT104 CT107										
		CT104 CT107		M3 Modbus Cable 88 970 503		Modbus Expansion XN06 88 972 250		Not Possible (Telecontroller em4 Alert Without Ethernet Communication)				
		CT104 CT107										
		CT104 CT107										
		CT104 CT107										
CT104 CT107		M3 Modbus Cable 88 970 503		Modbus Expansion XN06 88 972 250		Ethernet cable 88 970 508		No Interface needed (Direct Connection to Controller)				
CT104 CT107												
CT104 CT107												
CT104 CT107												
CT104 CT107		M3 Modbus Cable 88 970 503		Modbus Expansion XN06 88 972 250		Not Possible (Telecontroller em4 Alert Without Ethernet Communication)						
CT104 CT107												
CT104 CT107												
CT104 CT107												
CT104 CT107		M3 Modbus Cable 88 970 503		Modbus Expansion XN06 88 972 250		Ethernet cable 88 970 508		No Interface needed (Direct Connection to Controller)				
CT104 CT107												
CT104 CT107												
CT104 CT107												
CT104 CT107		M3 Modbus Cable 88 970 503		Modbus Expansion XN06 88 972 250		Not Possible (Telecontroller em4 Alert Without Ethernet Communication)						
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CT104 CT107		M3 Modbus Cable 88 970 503		Modbus Expansion XN06 88 972 250		Ethernet cable 88 970 508		No Interface needed (Direct Connection to Controller)				
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CT104 CT107		M3 Modbus Cable 88 970 503		Modbus Expansion XN06 88 972 250		Not Possible (Telecontroller em4 Alert Without Ethernet Communication)						
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CT104 CT107		M3 Modbus Cable 88 970 503		Modbus Expansion XN06 88 972 250		Ethernet cable 88 970 508		No Interface needed (Direct Connection to Controller)				
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