PC15-Touch industrial PC

PC15DT is and industrial PC designed on PC basis for monitoring the machine cycle and for local programming. It supports the most diffused Microsoft(c) operating systems and allows network connection to other panels and to the corporate network. PC15 is connected to the actual CNC which controls the axes and the machine inputs/outputs.
The 15" SVGA monitor is type LCD with active matrix (TFT) with resolution 1024x768, touch screen resistive. PC15-Touch has been designed to work in industrial environments with an IP64 degree of protection. It can be housed in any type of electrical cabinet. It can easily be connected to the outside world thanks to an Ethernet line and 4 RS232 serial lines, like any office PC. The donw part, protected by a suitable hermetically sealed system, a USB connection is available to the portable memory. The PC power supply is 230V

CHARACTERISTICS	DESCRIPTION	GENERAL
	NOTES	
Dimensions (LxHxD)	425mm x 330mm x 115mm	
Installation	Panel	Panel cutout 410mmx310mm
Weight	5 kg	
Operating environment	Industrial	
Protection class	Front: IP65 - Rear: IP20	
Operating temperature	From 0° to 50°C	
Operating humidity (without condensate)	From 10 to 80%	

CHARACTERISTICS	DESCRIPTION	GENERAL
	ELECTRICAL	
Supply voltage	230 Vca	
Available power	Max 150W	
	CPU	
Processor	VIA C3/EDEN 1.0GHz	
BIOS	AwardBIOS with 2Mbit flash memory	
Dynamic memory (RAM)	256MB	- Expandable to 1GB
Bulk memory (HD)	40 GB 7200 rpm	- Expandable
	INTERFACES	
Serial	4 RS232 lines	- On DB9
Ethernet	2 10/100Mbps line	- On RJ45
Parallel port	1 line	- On DB25 (only internal to Hardware keys)
USB port	5 USB ports /V2.0	1 on front panel
Firewire port	2 IEEE 1394	
Audio	1 line in - 1 line out - 1 mic in	
	OPERATOR INTERFACE	
Input for standard keyboard	1 line	- On PS2
Input for mouse	1 line	- On PS2
Touch-screen	Serial Reistive	
TFT LCD 800x600 monitor	- 15.1ò inches	
	SOFTWARE	
Operating system	Windows XP	
Development and analysis environment	SyncroView32	- Automatic monitoring of the last 6 sec. - For the axes, dedicated instructions for punching and form-pressing functions
	EXPANSIONS	
PCI slot	1 slot	
Secondary IDE	IDE Connector to external connection	

	INTERFACE
UR050 	**Power supply:** 18VAC 24VDC **Encoder :** 5-12Volt Line Driver Open Collector **CPU:** Motorola MCF5206E 40 Mhz **RAM:** 1Mb ï Flash Eprom: 1Mb **AXES** Max 3 Max. axis count freq. 500Khz with moltipliation for 4 **Digital internal I/O :** 16IN + 16OUT ï **Digital extern I/O BLT:** 48IN +48OUT 2 **RS232** ï 1 **CANOpen** ï **BLT**
UR55 	**Power supply:** 18VAC 24VDC **Encoder** : 5 / 12 Volt Line Driver, Open Collector **CPU:** Motorola 32-bit 24 MHz **RAM:** 1MB - Flash EPROM: 1MB **AXES:** Max 5. Max axis count freq 500 KHz x 4 **Digital inputs/outputs - BLT:** Max 72+72 **CAN:**96 inputs/outputs, 4 nodes of 64 inputs/outputs MAX - **Maximum:** 96I/O 2 **RS232** - 1 **CANOpen** ï **BLT**
UR60 	**Power supply:**24Vdc+/-30% **CPU: FREESCALE MCF5235 @150MHZ** **RAM:**2MB **AXES:** Max10 - . Max axis count freq 500 KHz x 4 **Encoder power supply**: 5 / 12 Volt Line Driver, Open Collector **I/O digitali locali :** Max 96IN + 96OUT **CAN:** 192 I/O ï **Massimo:**192 I/O **4 Analog Inputs / 2 Analog Outputs** +/-10V 2 **RS232** - 1 **CANOpen** ï **BLT** **Mechatrolink Port**

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