

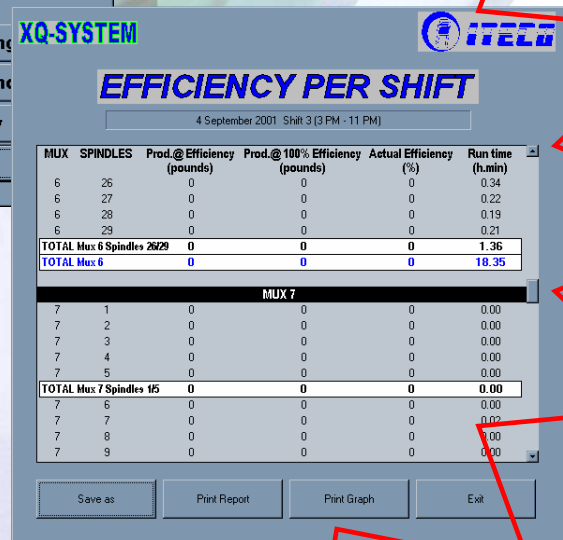
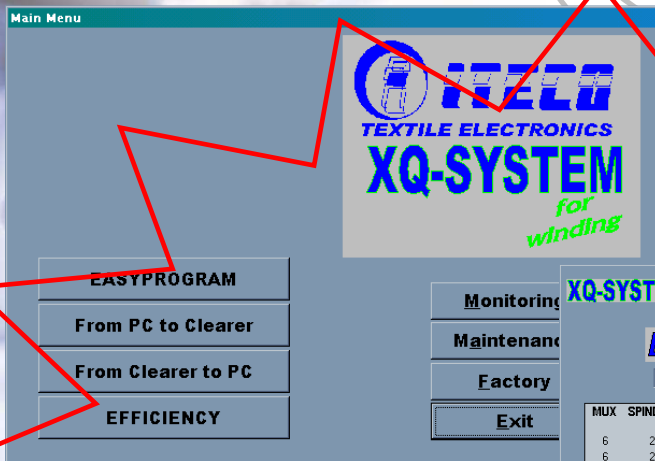
ITECO®

TEXTILE ELECTRONICS

www.itecotextile.it

XQ-SYSTEM

for Windows™



GOLD
Millennium compatible



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AZIENDA CERTIFICATA



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XQ-SYSTEM

for Windows™

Improves Efficiency so much

Iteco XQ-SYSTEM for Windows™ is 'the' software to improve manufacturing efficiency.

We everybody know that manufacturing cost issue is definitively an item to be dropped down to be competitive on the worldwide market. We think we've designed a complete, simple and cheap instrument to increase production efficiency and operator's control, maintaining the same quality level.

What the XQ-SYSTEM is ?

XQ-SYSTEM is a personal computer SOFTWARE. It runs under MS Windows™ and just need a standard Personal Computer with Laser or Ink-Jet printer.

What do you perform with the XQ-SYSTEM ?

*Remote programming of the Iteco clearers (Millennium or Gold)
Production efficiency monitoring, per winder, per mill, per head,
per operator.*

How can I install the XQ-SYSTEM ?

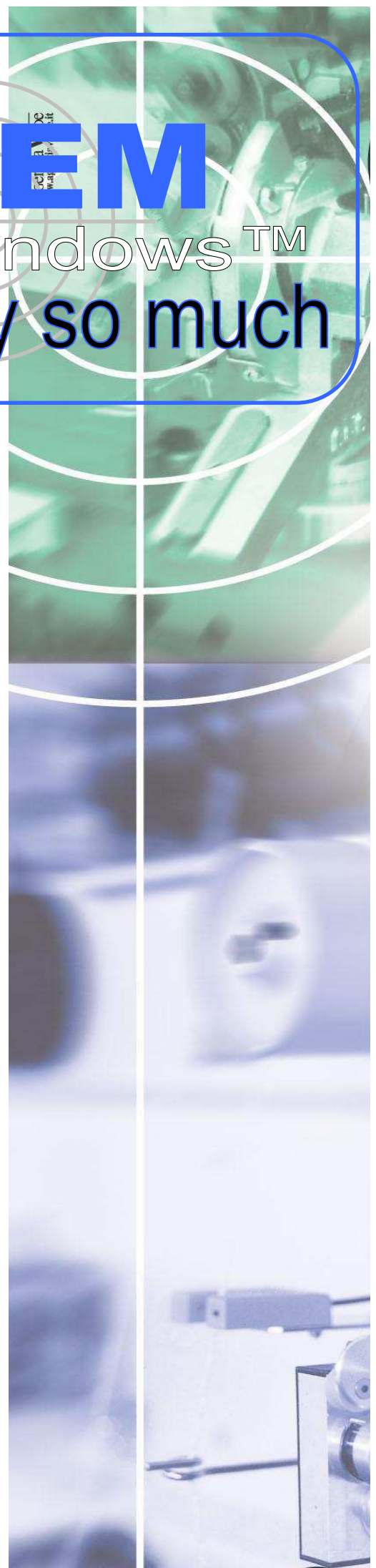
Just need a PC, the Iteco MUX (see MUX leaflet), and my Millennium or Gold clearer.

How many clearers can I connect to the XQ-SYSTEM ?

Up to 480 clearers, shared by 10 lines of 48 heads each.

How do I connect the 10 lines?

Just by using the Iteco RS485 cable, available # 10, 20 and 50mt. You connect the first MUX to the PC and the other MUXs to each other.



How does the XQ-SYSTEM works ?

It works very simply; here there's an example of what can you make with the XQ-SYSTEM, following this procedure:

- (1) Make a file of a new yarn style.
- (2) Assign the heads to the operators
- (3) Set up the working shift hours and select the automatic printing out
- (4) Get the efficiency as printing out, graphics and MS Excel files

(1) - Make the clearing file for a new yarn style ('EASYPROGRAM' procedure)

Open the 'Easyprogram' window, just clicking double on the main menu:

Then, you go to the Iteco clearers to make the clearing program on the new yarn style that you're going to wind; use the 'AUTOCLEARING' function or the 'Manual programming' at your convenience (see Millennium or GOLD leaflet). When the program is released by the clearer, go back to the office and 'UPLOAD' the program.

Then enter the 'Winding machine speed' (mt/min or yard/min) and the 'Yarn count' (nm or yard/pound) as well as the 'Yarn name' that will be saved as file name.

Now you just press a key sending the new program to the group of clearer where the yarn will be wound.

	C1	C2	C3	C4	MP
CUT THICKNESS SENSIT.	10.0	20	50		
CUT THINNESS SENSIT.	2.0	20	50		
VIRTUAL THICK. SENSIT.		10	25		
VIRTUAL THIN. SENSIT.		10	25		
LENGTH THICK. (mm-mt)	1.0	2		100	
LENGTH THIN. (mm-mt)	2.0	2		100	
VIRT. LEN. THICK. (mm-mt)	1.0	1		50	
VIRT. LEN. THIN. (mm-mt)	0.5	1		50	
ENABLE CHANNEL (Y/N)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PAUSE TIME (sec)					0.1
ACCELERATION TIME (sec)					0.0
WINDING SPEED (mt/min)					600
CALIBER					50
YARN MOVING FUNC. (Y/N)					<input type="checkbox"/>
YARN MOVING SENSIT.					0

Winding Machine Speed: 600 (Yards/min) Yarn Count: 2000 (Yards/Pound)
 Yarn Name: COTTON CHENILLE PLANT 'E'
 Yarn Characteristics: Cotton Chenille raw white

Buttons: Send Program to clearers and save, Send Program to clearers, Save, Exit

(2) - Assign the heads to the operators

Iteco XQ-SYSTEM allows also to check the performance of the winder operators; to do this, the group of heads must be assigned on the SETUP window, to get the aside printout.

You'll have a subtotal of the efficiency for every operator and every winding machine.

MUX	SPINDLES	Prod.@Efficiency (pounds)	Prod.@100%Efficiency (pounds)	Actual Efficiency (%)	Run time (h.min)
6	26	0	0	0	0.34
6	27	0	0	0	0.22
6	28	0	0	0	0.19
6	29	0	0	0	0.21
TOTAL Mux 6 Spindles 26/29		0	0	0	1.36
TOTAL Mux 6		0	0	0	18.35
MUX 7					
7	1	0	0	0	0.00
7	2	0	0	0	0.00
7	3	0	0	0	0.00
7	4	0	0	0	0.00



(3) - Set up the working shift hours and select the automatic printing out

Thanks to the XQ-SYSTEM, your PC will make **automatic printout of the efficiency reports** at anytime you would need to have them. The most useful is have 3 printouts : per working shift, per day and per week.

Using the Setup window, you can choose when and if getting the above printout.

Efficiency graphics, in form of Histograms, can be printed out together with the reports.

(4) - Get the efficiency as printing out, graphics and MS Excel files

Once the XQ-SYSTEM prints the report (and the graphics) **automatically saves the file into MS EXCEL format** (with the date of the file and type of file; es: mux1_shift1_030801.xls)

Then you have also the aside report in your hands with some important information about the performance of your manufacturing as:

- **Kilos or Pounds of yarn produced**
- **Kilos of yarn produced @100% efficiency**
- **REAL (actual) efficiency in %**
- **Run time of the heads**

Iteco XQ-SYSTEM can be also customised on customer specific demand.

Iteco is always at your disposal to supply tailored designed software to satisfy mill's particular needing.



XQ-SYSTEM 

WEEKLY EFFICIENCY

Week 36; From 2 September to 9 September 2001

MUX	SPINDLES	Prod.@ Efficiency (pounds)	Prod.@100% Efficiency (pounds)	Actual Efficiency (%)	Run time (h.min)
6	21	0	0	0	1.00
6	22	0	0	0	1.40
6	23	0	0	0	1.35
6	24	0	0	0	1.28
6	25	0	0	0	0.24
TOTAL Mux 6 Spindles 21/25		0	0	0	6.07
6	26	0	0	0	0.34
5	27	0	0	0	0.22
6	28	0	0	0	0.19
6	29	0	0	0	0.21
TOTAL Mux 6 Spindles 26/29		0	0	0	1.36
TOTAL Mux 6		0	0	0	35.50
MUX 7					
7	1	0	0	0	0.00
7	2	0	0	0	0.00
7	3	0	0	0	0.00
7	4	0	0	0	0.00

Buttons: Save as, Print Report, Print Graph, Exit



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