

# Termo elettronica



# TEX MANAGER

Software for integrated Production Management

# Termo elettronica

*Industrial automation with microprocessors and PC*

TERMOELETRONICA desde el 1967, diseña, fabrica y instala sistemas para automatización industrial y sistemas de control.

Su catálogo incluye:

#### • AUTOMACION TEXTIL

Termo CHEM XP Sistema automático de dosificación para productos auxiliares y químicos.

Termo PRINT XP Sistema automático de dosificación para la impresión.

Termo POWDER XP Sistema automático de dosificación colorantes en polvo.

Termo POWDER MAN Sistema semi-automático de dosificación colorantes en polvo.

Termo DYE VACUUM Unidad automática de aspiración y distribución colorantes en polvo.

Termo DYE MAN Unidad semi-automática de aspiración y distribución colorantes en polvo.

Termo SALT XP Sistema automático de dosificación de sal y carbonato.

Termo DEPO Sistema de almacenaje productos líquidos.

#### • PANELES OPERADORES

PCx19 Controlador táctil de 19" específico por líneas en continuo.

PCx15 Controlador táctil de 15" específico por máquinas discontinuas de todas las marcas.

PCx09 Controlador táctil de 8,9" específico por máquinas discontinuas de pequeña producción.

PCx401 Micro touch 8,9" wide, en sustitución de frontal de CT400, CT401, CT401A, con funcionalidades gráficas y de red.

CT201-LAN Terminal de control remoto.

#### • SOFTWARE DE GESTIÓN Y PRODUCTOS DE CONTROL DE PROCESO

TEXMANAGER Software de gestión integrada de la producción.

TERMOSTOCK Software de monitoreo por el almacenaje de productos líquidos.

VDA Colorímetro para el control de los parámetros del proceso.

TERMOELETRONICA since 1967, designs, manufactures and installs systems for industrial automation (automatic dosing) and control systems.

His catalogs includes:

#### • TEXTILE AUTOMATION

Termo CHEM XP Automatic dosing textile auxiliaries.

Termo PRINT XP Automatic dosing system for printing.

Termo POWDER XP Automatic powder dosing-system.

Termo POWDER MAN Semi-automatic powder dosing-system.

Termo DYE VACUUM Modular automatic unit for powder suction and dissolving.

Termo DYE MAN Modular semi-automatic unit for powder suction.

Termo SALT XP Automatic salt dosing-system.

Termo DEPO Storage system for liquid products.

#### • OPERATION PANELS

PCx19 Micro touch 19" available for continuous lines.

PCx15 Micro touch 15" available for discontinuous machines / big production.

PCx09 Micro touch 8,9" available for discontinuous machines / small production.

PCx401 Replacement 8.9" wide touch micro for O.P. of CT400; CT401; CT401A with graphic and network features.

CT201-LAN Remote terminal.

#### • SOFTWARE MANAGEMENT & PROCESS CONTROL PRODUCTS

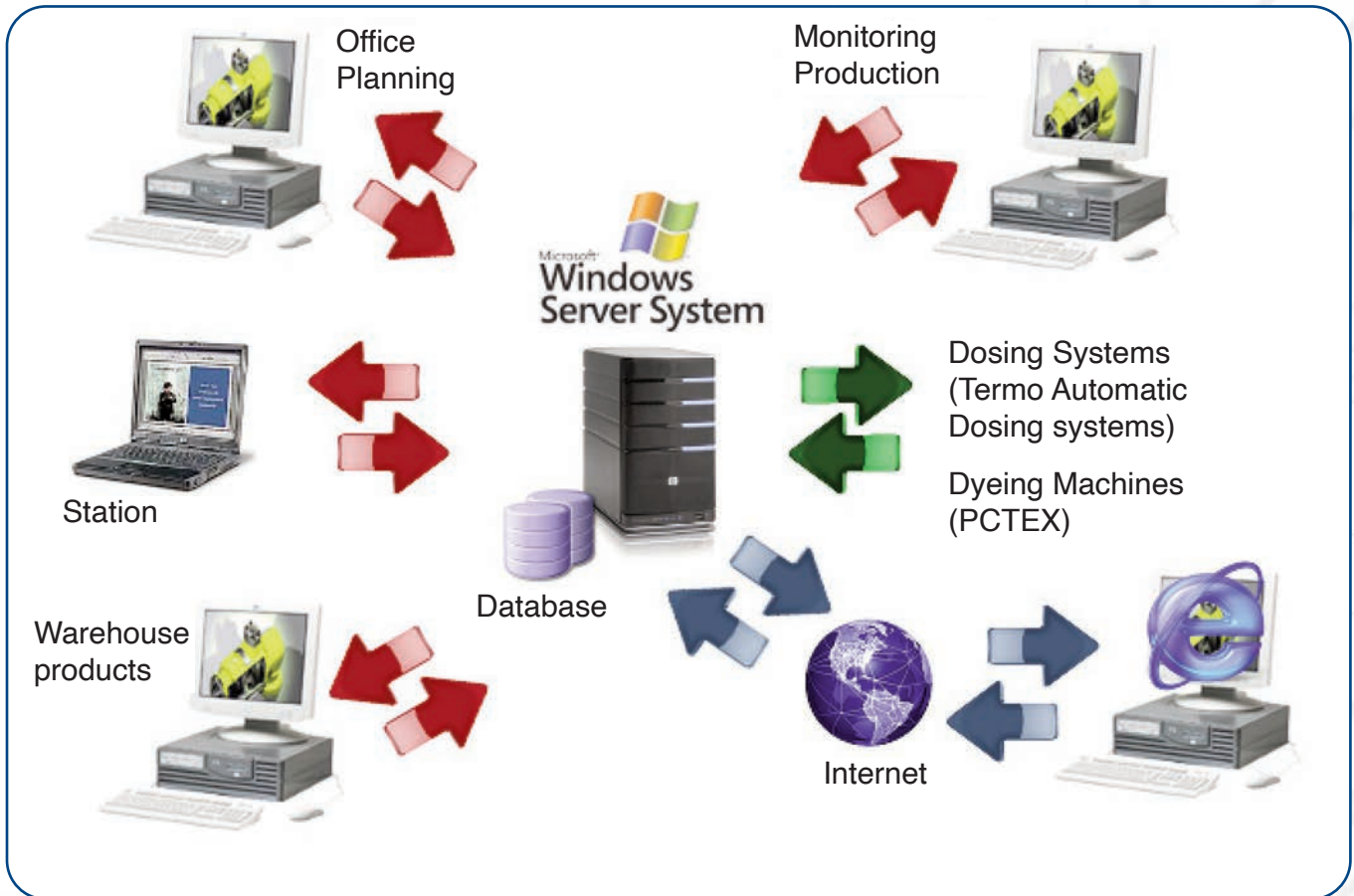
TEXMANAGER Software for integrated Production Management.

TERMOSTOCK Monitoring software for liquid products storage.

VDA Colorimeter for control of process parameters.

COLTEX SYSTEM Spectrophotometer for process continuous monitoring.

# TEX MANAGER



Software for integrated  
Production Management



# personnel management: optimization of human resources

## Users handling

Willy

**Change password**

New password:

Retype password:

English
Italiano
Español
Française
Ελληνικά
Magyar
Polska
Português

Türk
Россио
German
简体中文 (Simplified)
中國傳統 (Traditional Ta)
American
Australian
Argentina

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**Edit user info**

Name:

Surname:

Notes:

Image:

User8.png

User kind:

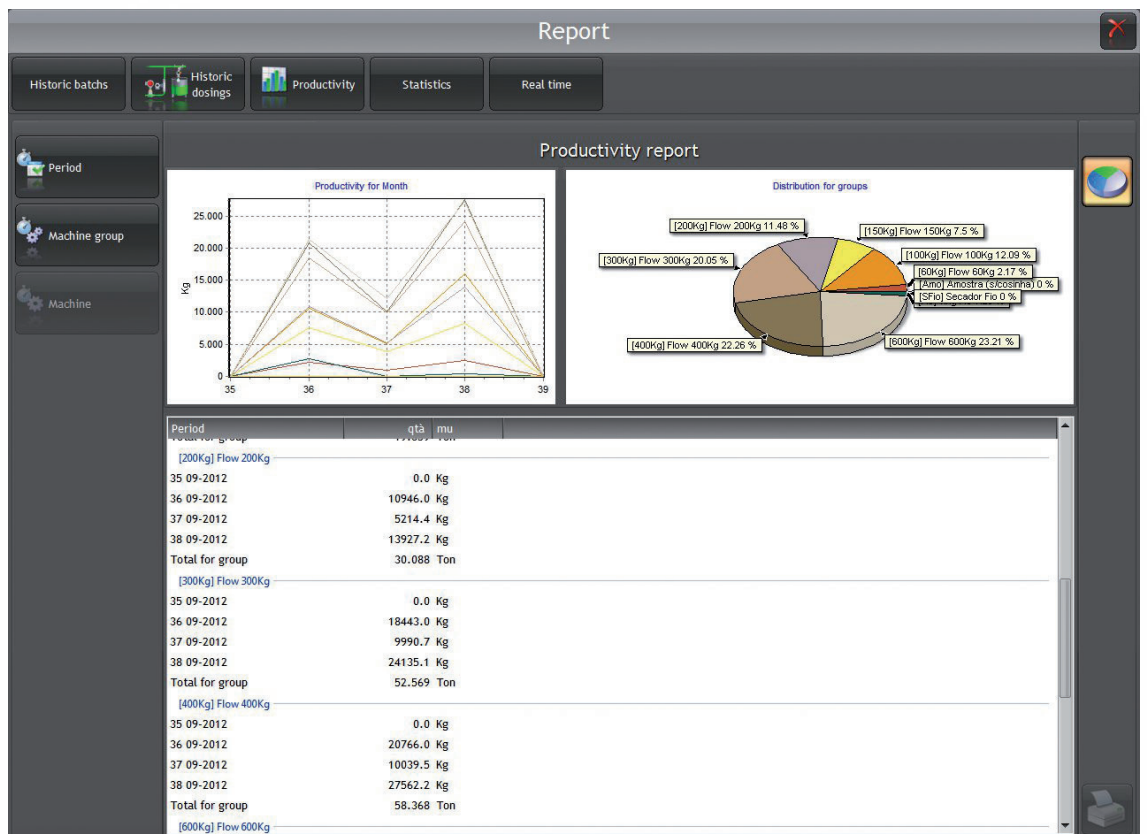
Dyehouse supervisor

Stocks handler

Administrative

Dosing stations supervisor

- Registry of staff
- Management of shift schedule
- Association people-machine



- Production Report
- Index Report of downtime
- Service intervention
- Deviations from T standard

# Management of production departments

- Registry, classification, departments (preparation. finishing ... )
  - Monitoring of production progress
- Automatic development of the production cycle linked to an article / colour and launch to proper machine
  - Interactive graphical display of production times
  - Gant of processes

Registro articoli

Articolo	Descrizione	Unità	Caric.	g/m	Dr.	Art. Comp.	BARBY	BARBY
ALRGA OP	ALRGA OP - TESSUTO 80NPL - 10...	1400	100	140	10,00	0,00 POLIESTERE - METALLO INC...	BARBY.10045	BARBY.10045
ALRGT JQ	ALRGT JQ - TINTO FILO 70NPL-2...	1500	100	140	10,00	0,00 POLIESTERE - COTONE - ME...	BARBY.10084	BARBY.10084
BALIA JQ	BALIA JQ - TESSUTO 70NPL - 30NPL	1400	100	115	10,00	0,00 VISCOSA - POLIESTERE	BARBY.10290	BARBY.10290
BALI JQ	BALI JQ - TINTO FILO 80NPL - 20...	1400	100	250	10,00	0,00 COTONE - POLIESTERE	BARBY.11190	BARBY.11190
BAMB	BAMB - TESSUTO 70NPL - 30NPL	1400	100	200	10,00	0,00 VISCOSA - POLIESTERE	BARBY.1207	BARBY.1207
BAMB2	BAMB2 - TESSUTO 45NPL-20NPL-2...	1630	100	163	10,00	0,00 POLIESTERE - VISCOSA - LINO	BARBY.1210	BARBY.1210
BANTY	BANTY - TESSUTO 51NPL - 40NPL	1500	100	195	10,00	0,00 COTONE - LINO	BARBY.1373	BARBY.1373
BANHO	BANHO - TESSUTO 100NPL	1500	100	300	10,00	0,00 POLIESTERE 100N	BARBY.1821	BARBY.1821
BARBY	BARBY - TESSUTO 100N PL	1500	100	443	10,00	0,00 POLIESTERE 100N	BARBY.1806	BARBY.1806
BARCO OP	BARCO OP - TINTO FILO 80NPL-2...	1500	100	70	10,00	0,00 POLIESTERE - COTONE - LINO	BARBY.1745	BARBY.1745
BARRO	BARRO - MAGLIA - 95NPL 51EA	1400	100	190	10,00	0,00 VISCOSA - ELASTAN	BARBY.1827/ALT NUOVO	BARBY.1827
BARTON OP	BARTON OP - TINTO FILO 70NPL-2...	1500	100	120	10,00	0,00 COTONE - POLIESTERE	BARBY.1827/ALT.1	BARBY.1827
BASA	BASA - MAGLIA	1400	100	200	10,00	0,00 POLIESTERE 100N	BARBY.2086	BARBY.2086
BATYER JQ	BATYER JQ - 7F	1500	100	150	10,00	0,00 ARTICOLI VARI	BARBY.2318/ALT NUOVO	BARBY.2318
BELDA JQ	BELDA JQ - TESSUTO VI - CO - PL	1500	100	200	10,00	0,00 COTONE - VISCOSA - POLIE...	BARBY.2323/ALT.1	BARBY.2323
BELITE JQ	BELITE JQ - TINTO FILO 80NPL - 50...	1400	100	140	10,00	0,00 ARTICOLI VARI	BARBY.2323/ALT NUOVO	BARBY.2323
BELVIE JQ	BELVIE JQ - TINTO FILO 80NPL-1...	1500	100	125	10,00	0,00 POLIESTERE ALRGA	BARBY.2341/ALT.1	BARBY.2341
BERA	BERA - TESSUTO 70NPL-20NPL	1400	100	58	10,00	0,00 COTONE - POLIESTERE	BARBY.2418/ALT NUOVO	BARBY.2418
BERNTO	BERNTO - MAGLIA 80NPL-100EA	1500	100	206	0,00	0,00 VISCOSA - ELASTAN	BARBY.2550/ALT NUOVO	BARBY.2550
BERNA	BERNA TESSUTO 95NPL - 45 EA	1300	100	200	10,00	0,00 VISCOSA - ELASTAN	BARBY.40015	BARBY.40015
BETA	BETA TESSUTO 100 N PL	1500	100	150	10,00	0,00 POLIESTERE 100N	BARBY.4129	BARBY.4129
BETULLA JQ	BETULLA JQ - TESSUTO 45NPL - 30...	1400	100	195	10,00	0,00 VISCOSA - LINO - POLIAMM...	BARBY.4847	BARBY.4847
BIA	BIA - TESSUTO 95NPL - 45 EA	1400	100	151	10,00	0,00 VISCOSA - ELASTAN	BARBY.4848	BARBY.4848
BIBACIEXL	BIBACIEXL - TESSUTO 95NPL-45EA	1300	100	150	10,00	0,00 VISCOSA - ELASTAN	BARBY.4342/ALT NUOVO	BARBY.4342
BIBLOS JQ	BIBLOS JQ - TINTO FILO	1400	100	190	10,00	0,00	BARBY.6099	BARBY.6099
BILBAO JQ	BILBAO JQ - TINTO FILO - 70N PL...	1400	100	240	10,00	0,00 POLIESTERE - ACRILICO - L...		

O.T.

0011 - Maglino [660 Kg]

Conto recettiv. 112.274

Numero Maglino: 11

O.T.: 55737

Kg Tecido: 491.200

Dynamic batch ratio:

Relac. barbo: 7,00

Absorção: 2,04

% Saborra: 0,0

Primeiro enchimento: 3438,00

Enchimento sucessivo: 2436,00

Litros saborra: 0,00

Metros: 22:58

27/09/2012

Carregar processo

Salvar processo

Visualizar

11 - PRE-ALVEIA COZINHA	0	1	0	0	0	0	0	0	0
1 12 Enchimento de Mac. a Litros	0	1	0	0	0	0	0	0	0
2 2 Carga de Tecido	0	0	0	0	0	0	0	0	0
2 76 Pedro Cezinha A	1	0	0	0	0	0	0	0	0
1 25705 GREENDET 5 500 RVB (DETERR)	4126,08	0	0	0	0	0	0	0	0
1 48340 GREENSOLV 68-50	2234,96	0	0	0	0	0	0	0	0
1 86978 GREENQUEST 600	3438,40	0	0	0	0	0	0	0	0
2 53 Encher TQ 2	1	1	0	0	0	0	0	0	0
3 78 Controla Pedido Cezinha A	0	0	0	0	0	0	0	0	0
4 51 Introducao TQ 2	0	0	2	2	0	0	0	0	0
5 76 Pedro Cezinha A	2	0	0	0	0	0	0	0	0
2 22287 PEROXIDO HIDROGENIO 50N	6385,60	0	0	0	0	0	0	0	0
5 5 Anio	0	0	0	0	0	0	0	0	0
5 53 Encher TQ 2	1	1	0	0	0	0	0	0	0
6 78 Controla Pedido Cezinha A	0	0	0	0	0	0	0	0	0
7 51 Introducao TQ 2	0	0	2	2	0	0	0	0	0
8 76 Pedro Cezinha A	3	0	0	0	0	0	0	0	0
3 22288 SODA CAUSTICA 50N	9627,82	0	0	0	0	0	0	0	0
8 53 Encher TQ 2	1	1	0	0	0	0	0	0	0

Gráfico: Enchimento:

- 11
- 55
- 87
- 
- 

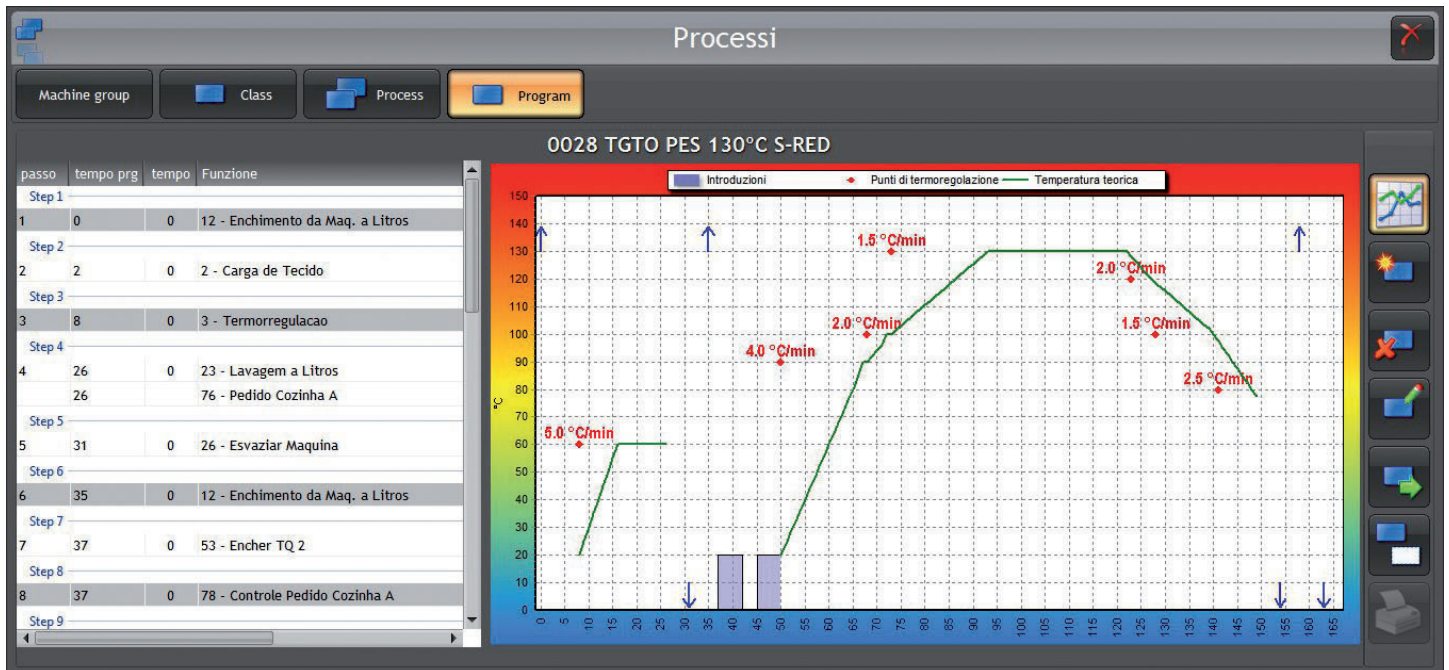
Receitas:

- 5.20011.003.000001- PRE ALVEIA COZINHA
- 5.20011.002.000003- TCO RELATIVO 60C
- 5.20011.015.000001- LAVACAO COES REBUS
- 5.20011.016.000001- PRE ALCOBOL DIVERSOS
- 5.20011.017.000005- ALV TING ALCOBOL
- 5.20011.018.000005- LAV TING ALCOBOL
- 5.20011.019.000001- TABE LA ALCOBOL
- 5.20011.020.000001- REC COARTE REATIVO ALCOBOL
- 5.20011.021.000001- TABE LA ALCOBOL
- 5.20011.022.000001- AC P/ TERCLEAR
- 5.20011.023.000001- LAV TERCLEAR

O.T.

Máquina off line	Máquina off line	Máquina off line	Máquina off line	Máquina off line	Máquina off line	Máquina off line	Máquina off line	Máquina off line	Máquina off line	Máquina off line
1 Maglino [165 Kg]	2 Maglino [165 Kg]	3 Maglino [165 Kg]	4 Maglino [330 Kg]	5 Maglino [330 Kg]	6 Maglino [330 Kg]	7 Maglino [330 Kg]	8 Maglino [220 Kg]	9 Maglino [220 Kg]	10 Maglino [660 Kg]	11 Ma
Passo 0 / R1	Passo 0 / R5	Passo 0 / R5	Passo 0 / R5	Passo 0 / R5	Passo 0 / R1	Passo 0 / R8	Passo 0 / T11	Passo 0 / T7	Passo 0 / R3	Passo 0
0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
5841 119,40 Kg	5678 112,50 Kg	5095 130,40 Kg	5877 230,10 Kg	5858 193,40 Kg	5678 265,00 Kg	5844 300,40 Kg	5787 193,20 Kg	5441 182,00 Kg	5862 435,70 Kg	55107 914,40 Kg
5075 127,50 Kg	5843 121,00 Kg	5844 121,50 Kg	5702 275,40 Kg	5851 257,80 Kg	5782 282,90 Kg	5805 302,50 Kg	5830 151,00 Kg	5820 194,20 Kg	5143 993,20 Kg	55783 891,20 Kg
5846 113,30 Kg	5844 120,00 Kg		5757 277,60 Kg	5780 260,80 Kg	5859 291,10 Kg	5746 312,90 Kg	5747 171,70 Kg	5846 181,70 Kg	5745 908,50 Kg	57910 840,30 Kg
5786 112,90 Kg					5885 292,20 Kg	5804 247,40 Kg	5841 180,50 Kg	5807 172,50 Kg	5759 582,50 Kg	58120 901,40 Kg
						5754 260,60 Kg	5824 182,70 Kg	5812 187,40 Kg		57528 488,60 Kg

# Management of machinery



- Interface and management cycles vs. machines
- Crash recovery: ripristino guidato del Operation Panel
- crash recovery: guided restore OP (Nn I have to re install the TEX and / or restore old backups , and nn I have to re-enter passed data)
- direct drive: in case of failure of the OP texmanager can directly drive the ppc)
- Management of production machines and dosing systems

# Warehouse management

Registro prodotti

■ sottoscorta  
■ terminato

Id prodotto	Codice azienda	Descr...	desc	prezzo	company stock	dpa stock	unità di misura	scorta minima	fornitore	Color indice
5461		BLU SCURO REATTIVO C-NB		€ 12.5000	26.5	18.3 Kg		25.0	COLOR	
5471		BLU SCURO REATTIVO ED-S		€ 7.7500	26.2	7.5 Kg		25.0	COLOR	
5480		DISPERDENTE NFS		€ 6.3700	20.0	0.0		0.0	ACHITEX	
5481		ROSSO REATTIVO BB		€ 12.5000	29.4	3.4 Kg		10.0	COLOR	
5490		NOFOME DS (antischiuma)		€ 2.5000	120.0	70.4 Kg		60.0	BAYER	
5491		NERO REATTIVO ED-G polv		€ 7.2000	7.2	0.0 Kg		0.0	COLOR	
5500	5500	Levegal UNI		€ 2.7500	85.7	83.3 Kg		100.0		
5501		BLU REATTIVO GN-C 125%		€ 16.0000	4.2	0.0 Kg		0.0	COLOR	
5510		SD 200		€ 3.0590	0.0	0.0 Kg		150.0	CIBA	
5520		TANATERGE ADVANCE (ex ft 2-218-08)		€ 2.4000	1000.0	66.6 Kg		0.0	DYSTAR	
5530		ACHITEGAL EL 400 (ex univ. lev)		€ 3.2000	20.6	0.0 Kg		20.0	CIBA	
5540		UNIVADINA PA NEW		€ 4.5050	40.3	0.0 Kg		20.0	CIBA	
5550		DOREGAL TRE/A (ex univadina dif)		€ 4.6500	176.4	299.1 Kg		2.0	CIBA	
5560		TANALUBE FF		€ 1.7000	0.0	0.0 Kg		250.0	BAYER	
5570		ADULCINOL STA		€ 1.6000	0.0	0.0 Kg		30.0	BIOCHEM	
5580		PLEXMET HP		€ 2.8400	38.7	0.0 Kg		0.0	ACHITEX	
5590		SERA GAL C-FTR		€ 1.9000	0.0	0.0 Kg		0.0	DYSTAR	
5600		ERIDPON DS		€ 2.3520	0.0	0.0 Kg		1.0	BAYER	
5610		LAUCOL RX		€ 1.6000	63.5	-46.8 Kg		0.0	LAUTEX	
5620		LAUZIM K-C NEW		€ 8.0000	0.0	0.0		0.0	LAUTEX	
5740		ERIDPON RC		€ 2.5540	0.0	0.0 Kg		30.0	CIBA	
5750		STARII IZZATORE K.C.		€ 1.6500	231.9	1.4 Kg		30.0	ACHITEX	

- management of many physical warehouses of either products (auxiliaries, chemicals, colours) or articles (raw, semi-finished goods)
- Inventory management of systems for automatic transmission (control of re storage company-products linked to real consumption)



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Bergamo | Italy | [termoelettronica.it](http://termoelettronica.it)

