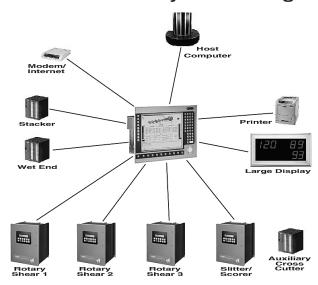
# DRY END

### **Dry-End Manager**





#### **Overview**

The Unico Dry-End Manager has been developed to optimize production processes on corrugator lines. All production parameters are transferred electronically or entered centrally at the Dry-End Manager, thus eliminating errors due to making manual entries at the machines.

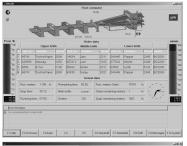
#### **Functions**

The Dry-End Manager performs the following functions:

- Collects order data or cut lists from job planning
- Transfers production data, shift data, standstill protocols, and statistical data to job planning
- Transfers order data, production data, and error messages from the line
- Synchronizes data at the control level
- Takes the load off of the operating personal

#### Sociable

The Dry-End Manager easily connects to a wide variety of system components from different manufacturers, including rotary shears, slitter/scorers, stackers, auxiliary cross cutters, microwave heaters, large displays, pallet printers, bridge rate controllers, splice synchronizers, wet-end controllers, host computers. It is compatible with BHS, Peters, ara, Kiwiplan, AD-Soft, PCTOPP, Orderline, Witron, Fosber, Navigator, OMP, and others upon demand. The system provides a visualization of connected components.



Ī.	Sunton				Out length middle		Out length upper		Inc. material	Men	Quality	efo	Nr.
Uř.	00:16	14:00	1142	222500 222500	CASH FREDRI	441500				2500	GC2500	E15	e.
	0016	1406		222581	1106	441501	1003			2500	BC2500	-	
	0010	14.00		222042	1678	441501	1780			2500	00000	-	-
	0014	14.61		222563	1104	441500	1207			2600	802600	1	=
	00 20	14.00		222004	1141	441504	1007	200004		2000	HEZMA	-	
		1521		222666							BC2580	-	-
	00:27		1016		1341	441506	1763			2500	902500	-	
		15.69		222506	1624	441505							
	0016	15:00		222587		441507	1400	200007		2500	0.02580	-	
	00:32	16:01	1636	222500	1245	441500	1190			2900	000000	-	
	00 27	14 38		222509	1369	441500	1165			2900	802500		0
	00:20	17.00	1100	222010	1109	441500	1350			5000	GC2200		
	0014	17:26		223611	1924	441611	1667	266611		2600	EC2680		
	00.22	17.60		222012	1894	441542	1064	200012		2500	802580		
	0029	12 02		222510	1990	41510				2500	@C2500		4
	00:10	18:01	1247	222514	1912	441514				2500	@C2500		
	00 22	18.40	1316	222515	1943	441515		256515		2900	802500		6
	00.22	19.11		222516	1708	441516	1253			2800	0.0000		
	90 20	19:53	1082	223617	1618	441617	1765	266617	6007	2600	9EC2500		8
	00:35	19.58	1080	222018	1129	441568	1090	200019		2000	803500		9
	0010	29.20	1000	222019	1909	441510	1595	206519	6816	2600	@02500		10
	0019	29.66	1436	222500	1062	441520	1061	208520	5811	2500	BC2500	1	
	00.16	21.04	1487	222521	1709	411521	1702	200521	1626	2500	EC2580	1	
	00:20	21.09	1177	222622	1277	441522	1534	200022	7006	2500	EC2500		53
	00 26	21.52	1160	222633	1604	441623	1666	296623	7609	2600	802500		24
П,	00.16	25.07	1184	222024	1143	441524	1290	200024	5002	2000	BC2500	1	30

# **Summary View**

All important production data is displayed on a single screen together with the current status of the system. Coloring of system components allows the operator to recognize problems immediately. Relevant production data is given in the central portion of the screen.

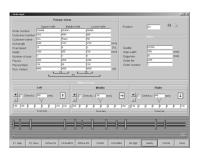
#### **Production Plan Overview**

The order memory stores 1,000 orders and allows the production schedule to be changed as required. Move, copy, and delete functions make it easy to respond quickly to customer requirements. The overview screen shows the calculated starting time of each order.



Dry-End Manager

# Overview (continued)



# | County ration | File |

#### **Order Entry**

Order entry provides important help functions for the operator, such as:

- Changing the assignment of knives to an order
- Changing knife position (left, middle, or right) for fast response in the event of a knife failure
- Verifying individual orders
- Saving and loading orders as a pattern/recipe
- Verifying knife and slitter allocation using a graphical representation of the system
- · Loading stored quality data

# **Quality Database**

Quality data giving material-specific parameters is stored in a database and easily copied to an order. This simplifies order entry while minimizing the possibility of input error.

#### **Order Data**

The Dry-End Manager provides centralized order entry and automatic data transfer to the connected system components. This minimizes false entries since the orders no longer have to be entered at several stations. The data is examined for plausibility.

# **Host Computer Interface**

The host computer connection guarantees faultless acceptance of order data, thereby relegating entry errors to a thing of the past. Data about orders produced can also be transferred to the host computer.

#### **Detection of Standstills**

Line standstills are detected by the Dry-End Manager and tagged by the operator with the reason for stopping. This data can be evaluated by the dry-end supervisor.

# **Shift Data Management**

Shift statistics can be printed out or transferred to the host computer.

# Reports

The operator can easily obtain printouts of production data, pallet notes, shift data, and more for easy reporting.

# **Remote Diagnostics**

The Dry-End Manager incorporates remote diagnostic capabilities that enable Unico support personnel to remotely maintain and troubleshoot the system over a telephone or Internet connection.

#### UNICO-Worldwide



All trade designations are provided without reference to the rights of their respective owners.

Specifications subject to change without notice

8213 11/06

Corporate Headquarters

UNICO, Inc. 3725 Nicholson Road P. O. Box 0505 Franksville, Wisconsin 53126-0505 USA

voice: 262.886.5678 fax: 262.504.7396 www.unicous.com **United States** Wixom, Michigan 248.380.7610

New Lenox, Illinois 815.485.5775 Sandy, Utah 801.942.2500

Canada Mississauga, Ontario 905.602.4677 South America El Tigre, Venezuela 58.283.241.4024

Europe Milton Keynes, England 44.1908.260000 Wilnsdorf, Germany

49.2739.303.0

Asia Osaka, Japan 81.66.945.0077 Beijing, China 86.10.6218.6365