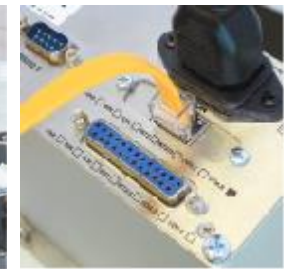
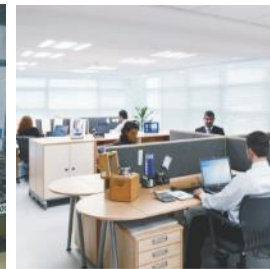
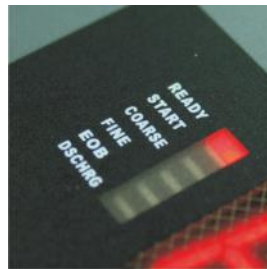
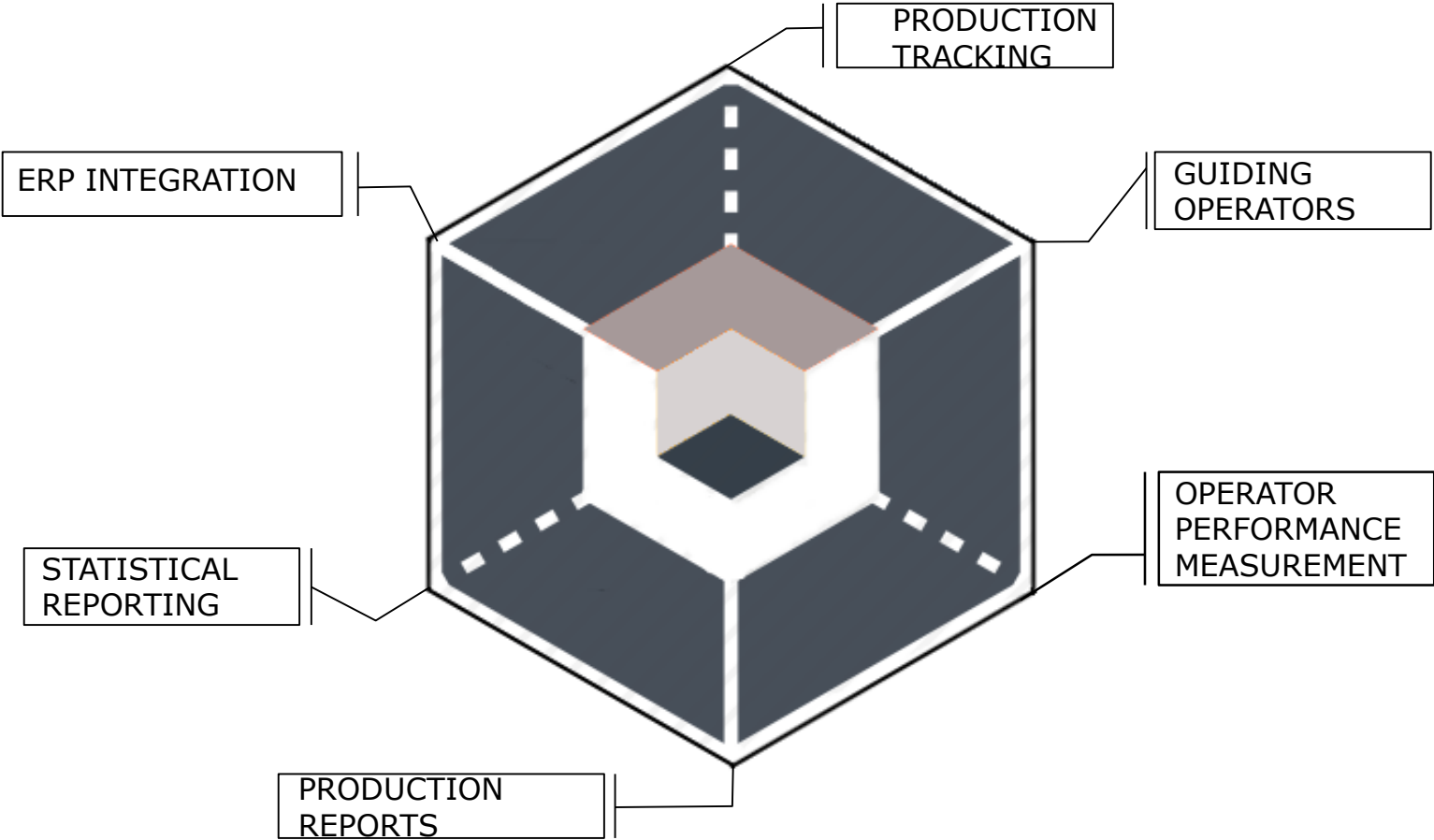


Manual Packaging



Manual Packaging



Why is Manual Packaging?

Production Tracking

Traceability during packaging of products, collection of detailed information about production and operators



Why is Manual Packaging?

ERP Integration

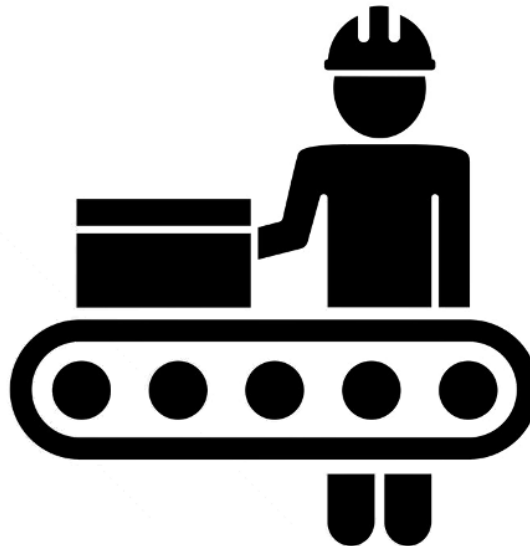
Receiving product and operator information from ERP system and transferring weighing results to ERP system.



Why is Manual Packaging?

Guiding Operators

Prompting operators via the indicator display's color change to ensure that the products are weighed fast and accurately in tolerances.



LIGHT

PRODUCT 2
0.200 kg

OK

PRODUCT 2
0.400 kg

HEAVY

PRODUCT 2
0.600 kg

Why is Manual Packaging?

Operator Performance Measurement

Possibility to see operators' performances in easy and detailed way. Thanks to the detailed reporting module.

The screenshot shows a 'Report Form' window with a table of records and a search console below it.

Record No	Record DateTime	Station Type	Station No	Station Name	Product Group	Product Code	Product Name	Operator Code	Operator Name	Shift No	Gross	Tare	Net	CN	Mugeri	Ozel Bilgi
1	26.03.2018 14:17:44	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	0.205	0.040	0.165	67		
2	29.03.2018 11:34:54	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	0.967	0.000	0.967	755		
3	29.03.2018 11:35:00	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	1.007	0.000	1.007	756		
4	29.03.2018 11:36:51	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	1.006	0.000	1.006	757		
5	29.03.2018 11:37:36	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	1.006	0.000	1.006	758		
6	29.03.2018 11:39:34	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	1.006	0.000	1.006	759		
7	29.03.2018 14:54:28	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	0.205	0.005	0.200	784		
8	29.03.2018 14:56:32	ROOM1	1	1.Station	KATI	3	KESTANE	2	BAHADIR	1	0.612	0.012	0.600	787	MEHMET TOK	
9	29.03.2018 14:57:56	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIIR	2	BAHADIR	1	0.407	0.007	0.400	789	MEHMET TOK	
10	29.03.2018 15:01:49	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIIR	2	BAHADIR	1	0.400	0.007	0.393	790	MEHMET TOK	
11	29.03.2018 15:02:04	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIIR	2	BAHADIR	1	0.407	0.007	0.400	791	MEHMET TOK	
12	29.03.2018 15:02:17	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIIR	2	BAHADIR	1	0.408	0.007	0.401	792	MEHMET TOK	
13	29.03.2018 15:02:35	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIIR	2	BAHADIR	1	0.410	0.007	0.403	793	MEHMET TOK	
14	8.05.2018 13:15:26	ROOM1	1	1.Station	PLASTIK	5	TK	2	BAHADIR	1	0.400	0.009	0.391	1233	MEHMET TOK	
15	27.09.2018 11:58:09	ROOM1	1	1.Station	PLASTIK	5	TK	2	BAHADIR	1	0.198	0.009	0.189	2	MEHMET TOK	
16	27.09.2018 11:58:40	ROOM1	1	1.Station	PLASTIK	5	TK	2	BAHADIR	1	0.200	0.009	0.191	3	MEHMET TOK	
17	28.09.2018 10:37:16	ROOM1	1	1.Station	PLASTIK	5	TK	2	BAHADIR	1	0.400	0.009	0.391	33	MEHMET TOK	
18	28.09.2018 10:38:17	ROOM1	1	1.Station	PLASTIK	5	TK	2	BAHADIR	1	0.400	0.009	0.391	34	MEHMET TOK	

Search Console

Select Date Range
Record DateTime: 1.01.2018 - 12.10.2018

Select Criteria
Station Type: [] Station No: [] Station Name: []
Product Group: [] Product Code: [] Product Name: []
Operator Code: 3 Operator Name: [] Shift No: []

Fields
Criteria: [] Value: []

Buttons:
Clear Criteria
List by Criteria
Product Statistical Report
Operator Statistical Report
List All Records
Export to Excel

Why is Manual Packaging?

Production Reports

- Production information is saved in MS SQL database.
- Filtering records by date, products, operators.
- Exporting records as Excel file.

Report Form

Number of Records: 1000

Record No	Record DateTime	Station Type	Station No	Station Name	Product Group	Product Code	Product Name	Operator Code	Operator Name	Shift No	Gross	Tare	Net	CN	Mugten	Özel Bilgi
1	26.03.2018 14:17:44	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	0.205	0.040	0.165	67		
2	29.03.2018 11:34:54	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	0.967	0.000	0.967	755		
3	29.03.2018 11:35:00	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	1.007	0.000	1.007	756		
4	29.03.2018 11:36:51	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	1.006	0.000	1.006	757		
5	29.03.2018 11:37:36	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	1.006	0.000	1.006	758		
6	29.03.2018 11:39:34	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	1.006	0.000	1.006	759		
7	29.03.2018 14:54:28	ROOM1	1	1.Station	KATI	1	SANAYAG	2	BAHADIR	1	0.205	0.005	0.200	784		
8	29.03.2018 14:56:32	ROOM1	1	1.Station	KATI	3	KESTANE	2	BAHADIR	1	0.612	0.012	0.600	787	MEHMET TOK	
9	29.03.2018 14:57:56	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIR	2	BAHADIR	1	0.407	0.007	0.400	789	MEHMET TOK	
10	29.03.2018 15:01:49	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIR	2	BAHADIR	1	0.400	0.007	0.393	790	MEHMET TOK	
11	29.03.2018 15:02:04	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIR	2	BAHADIR	1	0.407	0.007	0.400	791	MEHMET TOK	
12	29.03.2018 15:02:17	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIR	2	BAHADIR	1	0.408	0.007	0.401	792	MEHMET TOK	
13	29.03.2018 15:02:35	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIR	2	BAHADIR	1	0.410	0.007	0.403	793	MEHMET TOK	
14	29.03.2018 15:06:23	ROOM1	1	1.Station	KATI	1	SANAYAG	3	HALE	1	0.205	0.005	0.200	796	MEHMET TOK	
15	29.03.2018 15:06:46	ROOM1	1	1.Station	KATI	1	SANAYAG	3	HALE	1	0.217	0.005	0.212	797	MEHMET TOK	
16	29.03.2018 15:07:10	ROOM1	1	1.Station	KATI	1	SANAYAG	3	HALE	1	0.200	0.005	0.195	798	MEHMET TOK	
17	29.03.2018 15:07:45	ROOM1	1	1.Station	KATI	1	SANAYAG	3	HALE	1	0.212	0.005	0.207	799	MEHMET TOK	
18	29.03.2018 15:09:46	ROOM1	1	1.Station	KATI	1	SANAYAG	3	HALE	1	0.106	0.005	0.101	800	MEHMET TOK	
19	29.03.2018 15:09:53	ROOM1	1	1.Station	KATI	1	SANAYAG	3	HALE	1	0.106	0.005	0.101	801	MEHMET TOK	
20	29.03.2018 15:10:28	ROOM1	1	1.Station	KATI	1	SANAYAG	3	HALE	1	0.212	0.005	0.207	802	MEHMET TOK	
21	29.03.2018 15:11:04	ROOM1	1	1.Station	KATI	1	SANAYAG	3	HALE	1	0.206	0.005	0.201	803	MEHMET TOK	
22	29.03.2018 16:18:27	ROOM1	1	1.Station	KATI	1	SANAYAG	3	HALE	1	0.210	0.005	0.205	811	MEHMET TOK	
23	2.04.2018 15:26:46	ROOM1	1	1.Station	KATI	1	SANAYAG	3	HALE	1	0.206	0.005	0.201	829	MEHMET TOK	
24	2.04.2018 15:31:11	ROOM1	1	1.Station	KATI	3	KESTANE	3	HALE	1	0.611	0.012	0.599	843	MEHMET TOK	
25	2.04.2018 15:35:46	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIR	3	HALE	1	0.406	0.007	0.399	845	MEHMET TOK	
26	2.04.2018 15:58:53	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIR	3	HALE	1	0.406	0.007	0.399	847	MEHMET TOK	
27	2.04.2018 15:59:12	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIR	3	HALE	1	0.411	0.007	0.404	848	MEHMET TOK	
28	8.05.2018 13:02:00	ROOM1	1	1.Station	KATI	2	BEYAZ-PEYNIR	3	HALE	1	0.398	0.007	0.391	1220	MEHMET TOK	
29	8.05.2018 13:15:26	ROOM1	1	1.Station	PLASTIK	5	TK	2	BAHADIR	1	0.400	0.009	0.391	1233	MEHMET TOK	
30	27.09.2018 11:58:09	ROOM1	1	1.Station	PLASTIK	5	TK	2	BAHADIR	1	0.198	0.009	0.189	2	MEHMET TOK	
31	27.09.2018 11:58:40	ROOM1	1	1.Station	PLASTIK	5	TK	2	BAHADIR	1	0.200	0.009	0.191	3	MEHMET TOK	
32	28.09.2018 10:37:16	ROOM1	1	1.Station	PLASTIK	5	TK	2	BAHADIR	1	0.400	0.009	0.391	33	MEHMET TOK	
33	28.09.2018 10:38:17	ROOM1	1	1.Station	PLASTIK	5	TK	2	BAHADIR	1	0.400	0.009	0.391	34	MEHMET TOK	
34	28.09.2018 10:41:43	ROOM1	1	1.Station	KATI	1	SANAYAG	3	HALE	1	0.205	0.005	0.200	37	MEHMET TOK	

Search Console

Why is Manual Packaging?

Statistical Reporting

Statistical reports including number of packages, number of faulty packages, average weight, standard deviation can be obtained shiftly, daily, between any 2 dates or batch based

Statistically Report

1.01.2018 - 12.10.2018

Export to Excel

	Product Group	Product Code	Product Name	Target Value	T-	T+	Less than -T2	Between -T2 and -T1	Target	Between T1 and T2	Greater than T2	Punnet Quantity	Mean Weight	Total Weight
▶	KATI	1	SANAYAG	0.200	0.009	0.009	3	0	10	1	5	19	0.399	7.582
	KATI	2	BEYAZ-PEYNIR	0.400	0.012	0.012	0	0	9	0	0	9	0.399	3.590
	KATI	3	KESTANE	0.600	0.015	0.015	0	0	2	0	0	2	0.600	1.199
	PLASTIK	5	TK	0.400	0.012	0.012	2	0	3	0	0	5	0.311	1.553

WEIGHING STATION



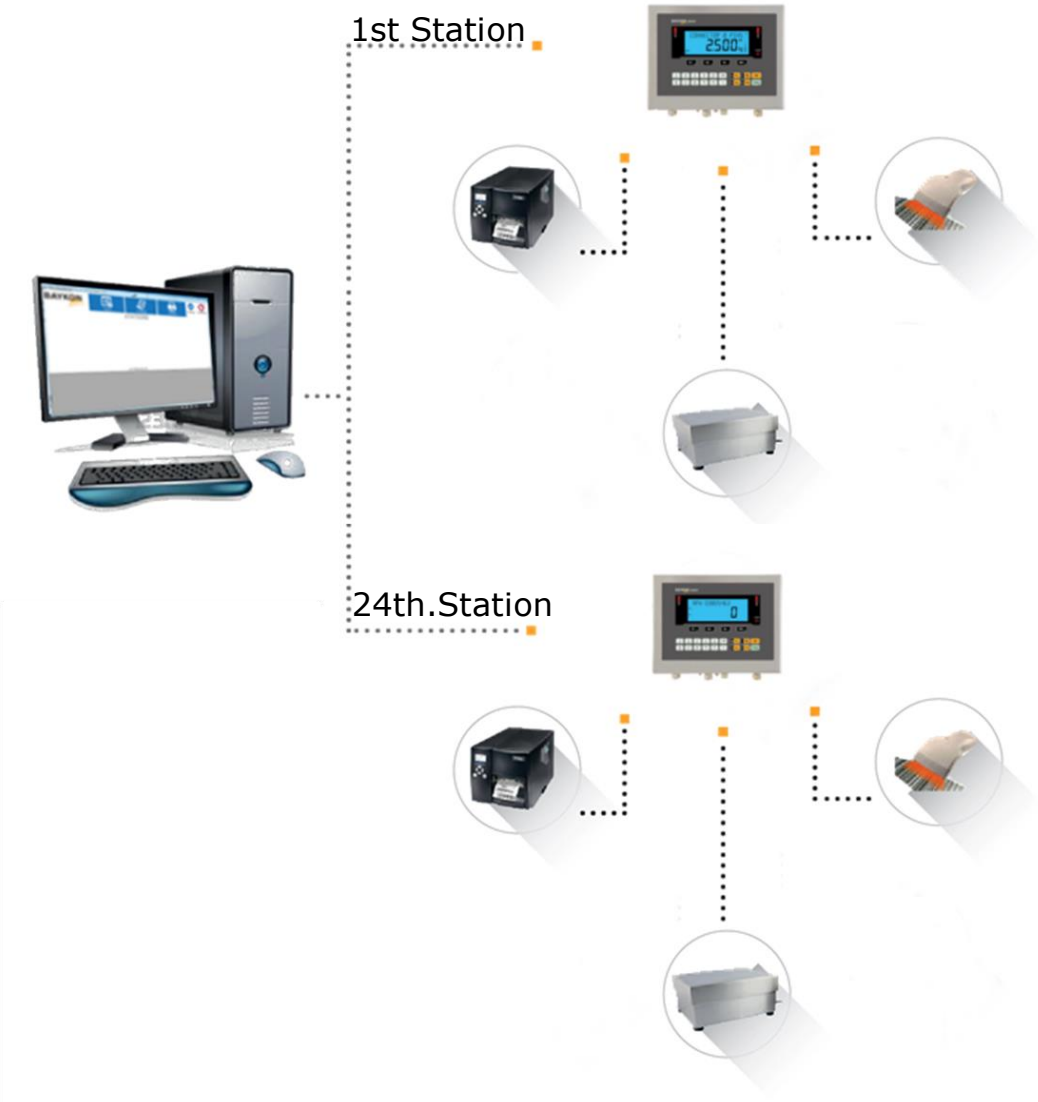
Industrial Scale

Options:

Label Printer

Barcode / RFID reader

SYSTEM STRUCTURE



TRACEABILITY

Monitoring from central computer

- Weighing stations are active or passive
- The products packed at active stations
- Weighing operators



Danke sehr !

multumesc!

الشكر لك !

谢谢 !

Thank you !

Merci !

спасибо!

obrigado!

आपको धन्यवाद देता हूं!

Gratias !

Teşekkürler !

Grazie !

