AUTOMATIC WEIGHING SYSTEM

The automatic weighing system is consisted of the Infeed conveyor, the barcode recognizing machine, the automatic check weigher, the output conveyor, the reject device and the automatic inkjet printer. If the system is equipped with the metal detector, it can detect metals and check product weight at the same time.

The automatic weighing system is used to check weight from the outer carton box of finished products in order to prevent the error code, the empty packing carton boxes, and other objects left in the carton boxes before entering the markets. Especially, it controls the personal error in the production line.

1. Automatic barcode recognizing function

The barcode recognizing machine recognizes the product barcode on the carton boxes and tells the automatic check weigher the standard weight of this product based on current barcode.

2. Check Weigher with high accuracy

In the dynamic status, the automatic weighing system can find the neglected loading objects, the misloading objects and other objects because the check weigher accuracy is ±50g.

重检系统 Ver 1.0

HDW-1000A 重量检测系统

	条码	最高重量	最低重量	实际重量	状态
待秤物体					
已秤物体	300102980076	8.20	7.42	8.01	正常

重量 **0.00** Kg

正常

X1 X2
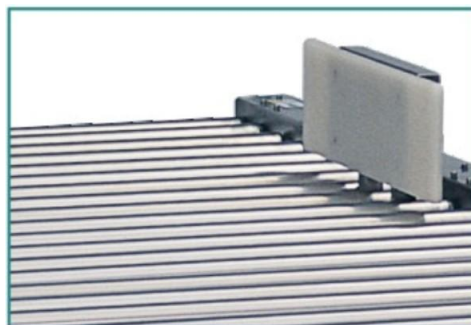
合格数 **101** 清零

数据库 单片机 串口 秤重

3. Automatic set product parameters

When checking the new products ,firstly let new product pass through the barcode recognizing machine, the barcode recognizing machine gathers the data and tells the check weigher product barcode, then the system will check the product for several times and set the standard weight of the checking product. The system can store more than ten thousand product parameters.

4. Automatic reject function

When checking the product is underweight or overweight, the reject device will reject product automatically to control the defective product.

剔出包装箱
Rejecting the unqualified carton

5. Automatic recognizing Qualified Products

When the system checked product weight is qualified, the inkjet printer will print the qualified weight, qualified mark and product date on the qualified products.


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                                              A31001108

CUST O/N.      : 0212332
PO NO.         : 101235813
ART. NO.       : G16072
SIZE           : UK 8
QTY.           :    10                    9.68 Kg
MADE IN CHINA                             2010-01-20

        ||||||||||||||||||||
       *300102490004*
       (For Factory Only)
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6. The sound and light alarm function

The alarm lamp is consisted of red (overweight, underweight, error code, codeless), green (qualified) and buzzer. It makes the operator recognize the qualified objects and the status of check weigher system.

正常显示界面　　　　　超重显示界面　　　　　欠重显示界面

错码显示界面　　　　　无码显示界面

7. Storing Product Parameters

The automatic weighing system is connected to the scanning system and stores the data of shipment automatically. It is very convenient to print and look up in the computer.

当前数据库: C:\weighing\PaoShinCW.mdb

数据库

条码	标准重量	允差	上限重量	下限重量	实际重量	秤重时间	状态	已秤重	已损
135540887375006	5.38	.3	5.68	5.08	5.39	2010-3-21 10:35:15	p	1	0
390701010010	5.84	.3	6.14	5.54	5.82	2010-3-21 10:35:25	p	1	0
6901028075831	5.38	.3	5.68	5.08	5.37	2010-3-21 10:35:34	p	1	0
780100010003	5.38	0	5.5414	5.2186				0	0
780100010004	5.38	0	5.5414	5.2186				0	0
780100010005	5.38	0	5.5414	5.2186				0	0
780100010006	5.46	0	5.6238	5.2962				0	0
780100010007	5.46	0	5.6238	5.2962				0	0
780100010008	5.46	0	5.6238	5.2962				0	0
780100010009	5.46	0	5.6238	5.2962				0	0
780100010010	5.46	0	5.6238	5.2962				0	0
780100010011	5.644	0	5.8133	5.4747				0	0
780100010012	5.644	0	5.8133	5.4747				0	0
780100010013	5.644	0	5.8133	5.4747				0	0
780100010014	5.644	0	5.8133	5.4747				0	0
780100010015	5.644	0	5.8133	5.4747				0	0

当前记录 = 6 / 记录数 = 2148

打开数据库　　　另存为　　　删除当前记录

允差设置
○ 绝对值　　○ 相对值
允差 = 0.3

○ 仅显示相关列
○ 显示全部列

代替扫描

Specifications
- Model: HDW-1000A
- Product Weight Range: 1-50KG
- Max. Product Weight: 1000mm(L)×1000mm(W)×500mm(H)
- Max. Speed: 25 pieces/minute
- Accuracy: ±50g
- Weighing Table Conveyor Length: 1100mm
- Weighing Table Conveyor Width: 1000mm
- Weighing Table Conveyor Height: 700±50mm
- Diameter of Roller: Φ50mm
- Air Source: 0.5~0.7 Mpa
- Power source: AC220V; 50Hz; 1P
- Working temperature: -5~40℃
- Relative humidity: <95% (non-condensing)
- Weight: 360kg
- Grade of protection: IP54
- Optional accessories: Infeed Conveyor, Output Conveyor, Inkjet Printer