

Checkweigher Machine Record Sheet

Company: KANSAS CITY STEAK

Job Number: 960128

Address: KANSAS CITY, MO

Date Finalled: 4/30/96

Machine Model: HC5200SM-MM

Serial No: 12663

Paint: STAINLESS STEEL

PRODUCT HANDLING INFO:

Infeed Info: (Side Transport & Slow & Fast)

R. Inf. Tolomatic P/N:	L. Inf. Tolomatic P/N:	Belt for Tol. P/N:	FPM:	Qty:	Finished Length:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Chain <input type="checkbox"/> Belt		Slow Infeed P/N:	FPM:	Qty:	Finished Length:
<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Chain <input checked="" type="checkbox"/> Belt		Fast Infeed P/N:	FPM:	Qty:	Finished Length:
<input type="text"/>		B23XX0825	124	1	25.44
					F. I. Splice:
					ENDLESS

Scale Info:

Scale Chain/Belt P/N:	FPM:	Qty:	Finished Length:	Scale Splice:
<input type="checkbox"/> Chain <input checked="" type="checkbox"/> Belt	B23XX0825	124	1	25.44
<input type="checkbox"/> Sprocket <input type="checkbox"/> Roller				
Sprocket/Roller P/N:	Qty:	Bore:	Sprocket/Roller P/N2:	Qty2 Bore2:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

HS Load Cell S/N:	Load Cell P/N:	Load Cell S/N:	Capacity:	SetupWeight:	Tot. Travel ±:
DS-11-721	C78RV1621	222449-96	50#	12 OZ	.09

Scale Platform Length:	Scale Conv. FPM:	Pkg/Min:	Mach. to Control Length:	Assembly Print#:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Discharge Info: (& Side Transport)

Discharge P/N:	FPM:	Qty:	Finished Length:	D. Splice:	
<input type="checkbox"/> Chain <input checked="" type="checkbox"/> Belt	B23XX0833	124	1	33.44	
<input type="checkbox"/> Chain <input checked="" type="checkbox"/> Belt					
R. Dis. Tolomatic P/N:	L. Dis. Tolomatic P/N:	Belt for Disch. ST. P/N:	FPM:	Qty:	DSTFinishedLength:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

REJECTOR INFO:

Rejector Type:	Rej. Valves P/N:	Rej Qty:	Rej Cylinder P/N:	Rej Other P/N:	Other/Qty:
PUSH OFF	M82VA4232	1	2H-01C-0010	<input type="text"/>	<input type="text"/>

MOTOR COMPONENTS:

Motor1 P/N:	Volts:	Phase:	Cycle:	HP:	Drive L/R:	Therm. Ovrld.1P/N:	Reducer1 P/N:
A49XD7254	220	3	60	.1	R	D58XX3038	10:1
Motor2 P/N:	Volts:	Phase:	Cycle:	HP:	Drive L/R:	Therm. Ovrld.2P/N:	Reducer2 P/N:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Chain <input checked="" type="checkbox"/> Belt		Drive C/B P/N:	Drive C/B Length:				
<input type="text"/>		B20XX8100	<input type="text"/>				

VARIABLE SPEED DRIVE INFO:

Variable Speed Drive P/N	Volts:	Phase:	Cycle:	HP:	VSDSettings:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

PHOTO EYE COMPONENTS:

Photo Eye Type: T-18 RETRO P.E. Mfg: BANNER Photo Eye P/N: 6F-01C-0090 Logic Module P/N: Power Block P/N:

Reflector P/N: F74XX7564 PE Other: PE Other P/N:

METAL DETECTOR COMPONENTS:

Metal Detector? Yes No Metal Detector Type: MD Serial Number: MD Hi-Speed P/N:

PRODUCT SPECIFICATIONS:

Actual Facsimile Yes No

Product run?: Room-Temp. Frozen Hot Wet Dry Other:

Product: RAW STEAK Container: NONE

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Size:	Length/Dia.	Width/Foot Print	Height	Weight	Pkg/Min.
1)	3.5		1		
2)		3.5		12 OZ	100
3)	8.00		1.5		
4)					

All weights are in: grams lbs. ozs. other

	Test Package Weight	Average Displayed Weight	Standard Deviation	Accuracy at +/-2 Sigma	Quoted Accuracy
1)	356.0	357	0.4	.8	2.5
2)					
3)					
4)					

Assembled with Pride By: JUSTIN CHAFFIN

Tested for conformance to all requirements by: JUSTIN CHAFFIN

*Notes: DID NOT RECIEVE SMALLER PRODUCT/LARGE PRODUCT EXCEEDED QUOTE FOR SMALL

M I C R O M A T E C O N T R O L R E C O R D S H E E T

D R A W I N G S

Main Interconnection	D2-81-196
SSR Wiring	C2-81-181
Power Supply-Digital	B2-81-102
Power Supply-Analog	B2-81-103
2x40 LCD Display	C2-81-117
Leg Panel Wiring	B2-81-110

CUSTOMER Kansas City Steak

JOB NUMBER 960128 QTY 1

MACH MODEL HC5200SM-MM BY SPE

S/N MM- 12663 DATE 03/12/96

E N C L O S U R E

PART NUMBER	QTY	TOT	DESCRIPTION
CODE MMA			CRS ENCLOSURE PAINT: ssv2
CODE MMS	1	1	STAINLESS STEEL ENCLOSURE
6B-01F-0030	1	1	28C256 EEPROM
6F 1F-0035	3	3	SOFTWARE: 2020
27512 EPROM			CFG: 173

O P T I O N S

- [*] 1A -- SCALE EYE: RETRO OR PROX
- [] 1B -- SCALE EYE: THROUGH BEAM
- [] 1C -- SCALE EYE: PHOTO CAM
- [] 1D -- LIMIT SWITCH(ES)
- [] 1E -- SCALE EYE: ULTRSNC/LT SCR
- [] 1F -- TIMING EYE: RETRO OR PROX
- [*] 2A -- LOAD CELL SCALE: PRE-AMP
CHANNEL A
- [] 2B -- LOAD CELL SCALE: PRE-AMP
CHANNEL B
- [] 2C -- DCDT SCALE: CHANNEL A
- [] 2D -- DCDT SCALE: CHANNEL B
- [*] 3A -- THREE ZONE LIGHT OUTPUTS
- [] 3B -- FIVE ZONE LIGHT OUTPUTS
- [*] 4A -- SOLENOID AIR VALVE-REJECT
- [] 4B -- SOLENOID AIR VALVE-DSCHRG
- [] 4C -- SOLENOID AIR VALVE-ACCEPT
- [] 4D -- ALARM OUTPUT: CONSEC REJ
- [] 4E -- SOLENOID AIR VALVE-OVER
- [] 4F -- CONTROL SIG.-INFEED CONVY
- [] 5A -- ALARM OUTPUT: SCALE NOISE
- [] 5B -- ALARM OUTPUT: NEEDS REZRO
- [] 5C -- ALARM OUTPUT: STD DEVIATE
- [] 5D -- ALARM OUTPUT: AVERAGE
- [*] 6A -- SERIAL I/O - CHANNEL A
- [] 6B -- SERIAL I/O - CHANNEL B
- [] 8A -- TREND TRACKER
- [] 9A -- FLAW DETECTOR
- [*] 10A - KEYSWITCH
- [] 11A - VARIABLE SPEED DRIVE
- [] 12A - X-PURGE [] 12B - Z-PURGE
- [] 13A - ISOLATION TRANSFORMER
- [] 14A - RATE COUNTER
- [] 15A - PRINTER
- [] 16A - STATISTICS
- [*] 17A - EZWAY INTERFACE:
[*] -RS422

SSR	FUNCTION	USE	SSR	FUNCTION	USE
1	ZONE 1	*	10	OVER	
2	ZONE 2	*	11	INFD CONVY	
3	ZONE 3	*	12	SCALE NOISE	
4	ZONE 4		13	NEED REZERO	
5	ZONE 5		14	STD DEV ALM	
6	REJ/UNDER	*	15	AVERAGE ALM	
7	DISCHARGE		16		
8	ACCEPT		17		
9	CONSEC REJ		18		

T I M E R S

DESCRIPTION	VALUE
Delay to Reject	.80
Reject Duration	.25
Zone Light Duration	.25
Delay to Reject Under	
Delay to Reject Over	

UN LISTED [] NO
[*] YES -- UL # AH-193303

Micromate Timers Sheet

Company: **KANSAS CITY STEAK** Job No: **960128** Date: **4/26/96**
 Machine Model: **HC5200SM-MM** Assembler: **JUSTIN CHAFFIN** Serial No: **12663**

General Information	Product 1	Product 2	Product 3
Speed (ft/min)	124		
Speed Control (Hz)			
Package Weight	12 OZ		

Timers - Menu 4	Product 1	Product 2	Product 3
Delay to Reject	.90		
Reject Duration	.25		
Zone Light Duration	.250		

Scale Timers - Menu 7 6	Product 1	Product 2	Product 3
Delay to Weigh	0.279		
Delay to Rezero	1.084		
Photoeye Lockout	0.50		
Read Scale Timer	0.302		
Offset	90		
Gain	6		

Rezero - Menu 7 5	Product 1	Product 2	Product 3
Rezero Range (%)	2		
Slope Tolerance (%)	5.00		
Rezero Increment (%)	100		
Rezero Prevention (%)	35		
Scale Noise (%)	25.00		

Timing - Menu 7 4	Product 1	Product 2	Product 3
Delay to Weigh Threshold (%)	85		
Delay to Rezero Threshold (%)	5		
Read Scale Time Threshold (%)	75		
Delay to Weigh Adjustment (s)	0.025		
Delay to Rezero Adjustment (s)	0.250		
Read Scale Time Adjustment (s)	0.045		
Delay to Weigh Avg. Factor	10		
Conversion Factor			
Shaft (Event) Divider	10		

Zones - Menu 3	Product 1	Product 2	Product 3
Zone 1 - Upper Limit	353 GR		
Zone 2 - Upper Limit	359 GR		
Zone 3 - Upper Limit			
Zone 4 - Upper Limit			

Note1: _____

"FIELD REWORK ORDER"

SPO# 32-1090

(Field Change/Rework Documentation Sheet)

This form is provided to initiate and document any changes to customer machines presently in the field. Please route this sheet in the order specified and indicate completion of your portion by entering date/initials before routing to the next person/department.

1/20/97 JIN 960128 MODEL# HC5200SM^{-mm} SHIP DATE REQUIRED 1/21/97

1. INITIATOR: (Complete step 1, ATTACH ORIGINAL JOB FOLDER, then route to Engineering Secretary)

Bill To: Customer: KANSAS CITY STEAK SHIP TO: KANSAS CITY STEAK
Address: 2501 GUINOTTE KC, MO. Address: 2501 GUINOTTE AVE.
Zip: 64120 Phone: 816-421-1106 Zip: 64120 Phone: 816-421-1106
Contact: GREG PERRY

- CHANGE REQUIRED:
1 ADD LARGER CASTERS
2 ADD JAM NUTS FOR JACK SCREWS
3 NEED NEW REFLECTOR

BILLED: Customer P.O.: Price: (Limit \$1,500 Mech., \$2,500 Elec) \$

WARRANTY: (Needs 1 Signature below) Estimated Selling Price: \$ 150 Approved By: (Over \$1,000 Requires 2 Signatures)

Service Manager: Sales Manager: Marketing Manager:
SHIP VIA: Regular UPS UPS Blue X UPS Next Day FEDEX

Note: If shipping parts FEDEX and this is a new customer, please list their FEDEX Account Number:

FOR DOCUMENTATION PURPOSES ONLY

If this Field Rework Order is being provided to document changes made in the field only and no Engineering is required, only this step is necessary to complete the processing of this Field Rework Order. Check line and complete information.

ROUTE TO: ENGINEERING - DATE INITIALS
SPARE PARTS - DATE INITIALS
SERVICE - DATE INITIALS
Information sent to Customer Engineering Folder Updated
Please file ORIGINAL in Job Folder

2. ENGINEERING DEPARTMENT:

Route to: Engineering Secretary Date Initial
Engineering Manager Date Initial
(Special Notes:)

Table with 3 columns: Quantity, Hi-Speed Part or Print Number, Description. Rows include 4 2M-02K-0009 60 SERIES DARNELL CASTER 3" DIA., 8 2N-01P-0036 JAM NUT 1"-8 (SS), 1 F7HXX7565 REFLECTOR - RECTANGULAR

NOTE: Provide MFG. with a summary of all hardware and bin stock needed for proper installation.

ASSIGNED TO: Mechanical Engineer: GLH Due Date: 1/20/97 Rls. Date: 1/20/97 Initials: GLH
Electrical Engineer: Due Date: Rls. Date: Initials:

Check, If Appropriate: Schematics, Drawings, Prints, UPLs Attached
Engineers, Please Note: Attach all necessary paperwork (UPLs, Drawings, etc.) to Original Field Rework Order and return to Engineering Secretary
Assembly Required: Yes No Paint Required: Yes No (Specify Color:)

3. SPARE PARTS DEPARTMENT:

(Only if parts are to be ordered, billed, and shipped by the Spare Parts Department)
ATE SHIPPED: Initials:

To Service Department for review and file in original Job Folder: Service/Asst. Service Manager: Date: Initials:

PLEASE FILE ORIGINAL FIELD REWORK ORDER IN JOB FOLDER.