

CONBAR BAR FORMING LINE with CHOCOLATE ENROBING and FLOWPACK WRAPPER to manufacture cereal bars, protein bars, and candy bars.

Single slab layer with secondary layer and optional two topping depositors and with compound or chocolate coating

Manufactured by SOLLICH / CHOCOTECH / STEPHAN/ FUJI/ HILTON

Working Width: 400 mm (16-inch wide product slabs).

Spreading to 620mm wide enrobing.

Line speed 180 bars per minute

Including:

#### **KITCHEN**

- CHOCOTECH Carastar Cooker, year 2010, serial number 64666: universal batch cooker for cooking a wide variety of masses (such as caramel, binders, jelly, fillings, sugar solutions, etc.). It is specially designed for atmospheric cooking, cooking under pressure, under vacuum, for post-vacuuming, and for cooling. This is used for syrup preparation
- HILTON PROCESS SOLUTIONS 100 litre Syrup Feed Tank – on load cells feeding by loss in weight
- CHOCOTECH Buffer tank type 56.560.020. 200 litre volume year 2017, number 96033. with jacket – used for mass aeration
- CHOCOTECH Turbo Whip 600 type 52.520.025. 200 litre volume year 2017, number 96033, with vacuum pump – used for mass aeration
- WINKWORTH PV120 Mixer year 2004, serial 027296
- (4) Diaphragm Pumps
- GERICKE Powder Feed System
- STEPHAN mixer model TC300 year 2013, 330 litres, 105kw, with jacket. Mixing syrup and whey masses

Mass emptied into Euro Bins

Bin lift to transfer mass to trays for cooling.

Approximately 20 trolleys with trays.

Mass from trays manually fed into Conbar rollers

## CONBAR LINE

- SOLLICH WEB 400 Double Drum Forming Roller year 2010, serial number 26209006, forming the main base layer slab
- SOLLICH SAW 400 pressure roller (calibrating roller) year 2010 serial number 26209007
- SOLLICH SAP 400 profiling and embossing roller, shaping the product top, Year 2017, serial number 31761 005
- SOLLICH SWS 420 Roller Sprinkling System for wide variety of inclusion products, grains, crisped rice and nut deposit etc, year 2017 serial number 31761 015. Cantilevered frame to move on and off the line.
- SOLLICH WET 400 Drum Roller, year 2010, serial number 26209008, to form thin secondary layer onto slab base (e.g. caramel) with heated hopper, manually fed and separate ICS heater unit
- SOLLICH SWS 420 Roller Sprinkling System for wide variety of inclusion products, grains, crisped rice and nut deposit etc, year 2017 serial number 31761 020. Cantilevered frame to move on and off the line.
- SOLLICH BWS 420 Pressure-less Layer Roller, year 2010 serial 26209017
- SOLLICH KK-ET 420 Cooling Tunnel, year 2010, serial number 26209011. One zone with cooling under belt. 450mm wide belt, 14m covered cooling.
- SOLLICH Slitter and Spreader, 400mm slab to width 620mm. (4 sets of cutting rollers and spreading belts for bars 28mm, 31mm, 34mm and 42mm wide)
- SOLLICH Guillotine Cutter ET-TB 620, year 2010 serial number 26209023
- SOLLICH BT 620 conveyor, year 2010 serial number 26209025 to catch the waste and transfer to recovery
- RUSSELL Sieve Model 30530, year 2016, serial number FST280 – waste recovery for chocolate and nuts/toppings. Chocolate waste is melted in HILTON 50kg tank, and pumped back to the tank farm.
- CHOCOTECH UZM S60 Chocolate Enrober System year 2004 serial 60298/1 Used with white compound chocolate and moved to the line as needed (imperfect temperature control for real chocolate)
- CHOCOTECH UZM S60 Chocolate Enrober System year 2004 serial 60298/2 Used with dark compound chocolate and moved to the line as needed (imperfect temperature control for real chocolate)
- SOLLICH TEM 620 Chocolate Enrober with built in tempering, 620mm width, year 2011 serial 27111005. Used for real chocolate coatings
- SOLLICH Turbotemper Model TT600D Chocolate Temperer, year 2011 serial number 27111015 (located on tank farm mezzanine)
- SOLLICH Decormatic DC4 620 Chocolate Decorator year 2017 serial 31761 055 (4 sets of nozzles for each of the bar sizes)
- SOLLICH MiniTemperer MT100, year 2017, serial 31761060.
- CHOCOTECH KK S60 Cooling Tunnel year 2005 serial number 60298, 620mm wide belt. 12m covered tunnel length. One zone with circulated air cooling.

Glycol Refrigeration System outside the building with compressors (Control panel mimicked inside the factory), condensers feeding each part of the line separately, and a chiller for the Sollich temperer, and a backup chiller.

## **TANK FARM**

Tank farm and Kitchen feeding the line:

Chocolate Tanks and Pumps with steam/water heater for jackets, inline filters, valves etc

- STAES Stainless Steel Tank type CHC-HILA, 1025 litre volume, with jacket. Year 2018, serial 118 056 02 01
- CHOCOTECH TB 1 / 1, Chocolate Tank year 2005 serial 60298, 750kg capacity
- CHOCOTECH TB 1 / 2, Chocolate Tank year 2005 serial 60298, 750kg capacity
- CHOCOTECH TB 1 / 3, Chocolate Tank year 2005 serial 60298, 750kg capacity
- HILTON PROCESS SOLUTIONS Stainless Steel Jacketed Chocolate Tank 500 litre capacity, year 2016 serial 16/155
- DIESENVALE ENGINEERING Stainless Steel Chocolate Tank 2000kg capacity, year 2011, serial J3564-1
- DIESENVALE ENGINEERING Stainless Steel Chocolate Tank 2000kg capacity, year 2011, serial J3564-2
- HILTON PROCESS SOLUTIONS Stainless Steel Jacketed Chocolate Tank 500 litre
- HILTON PROCESS SOLUTIONS Stainless Steel Jacketed Chocolate Tank, 1000kg capacity, year 2010 serial 10/032-02
- HILTON PROCESS SOLUTIONS Stainless Steel Jacketed Chocolate Tank, 1000kg capacity, year 2010

## **PACKAGING**

- Conveyor Distribution and Alignment Belts feeding Flowpack with timed holding bar, splitting belts to drop product to alignment conveyor and 90deg turn
- FUJI Flowpack Wrapper model FW3400/B alpha 7, year 2016 serial number 103108, speeds around 150-160 bars per minute on 10g protein bar, (200 volt 50/60hz). fitted with two Smartdate X65 Coding Units. Adjustable folding box. Box motion seal
- SAPPHIRE G20 X-Ray and Checkweighing Machine year 2016, serial 2016-092 (110/220volt, 50/60hz)
- Conveyor belts to manual packing station for Shelf Ready Packing Boxes
- SONTEX L-seal Shrink Wrapper CS Matic 100, and Tunnel
- STARFLEX Checkweigher

Main Line electrics 415 volt 50hz

Line currently runs 3 days per week

Large value of spare parts available

Line length approximately 72m

They had 12 operators in total which includes 4 at the hand packing station

In production until the end of July 2026,

must be removed in August 2026

Located in the UK