

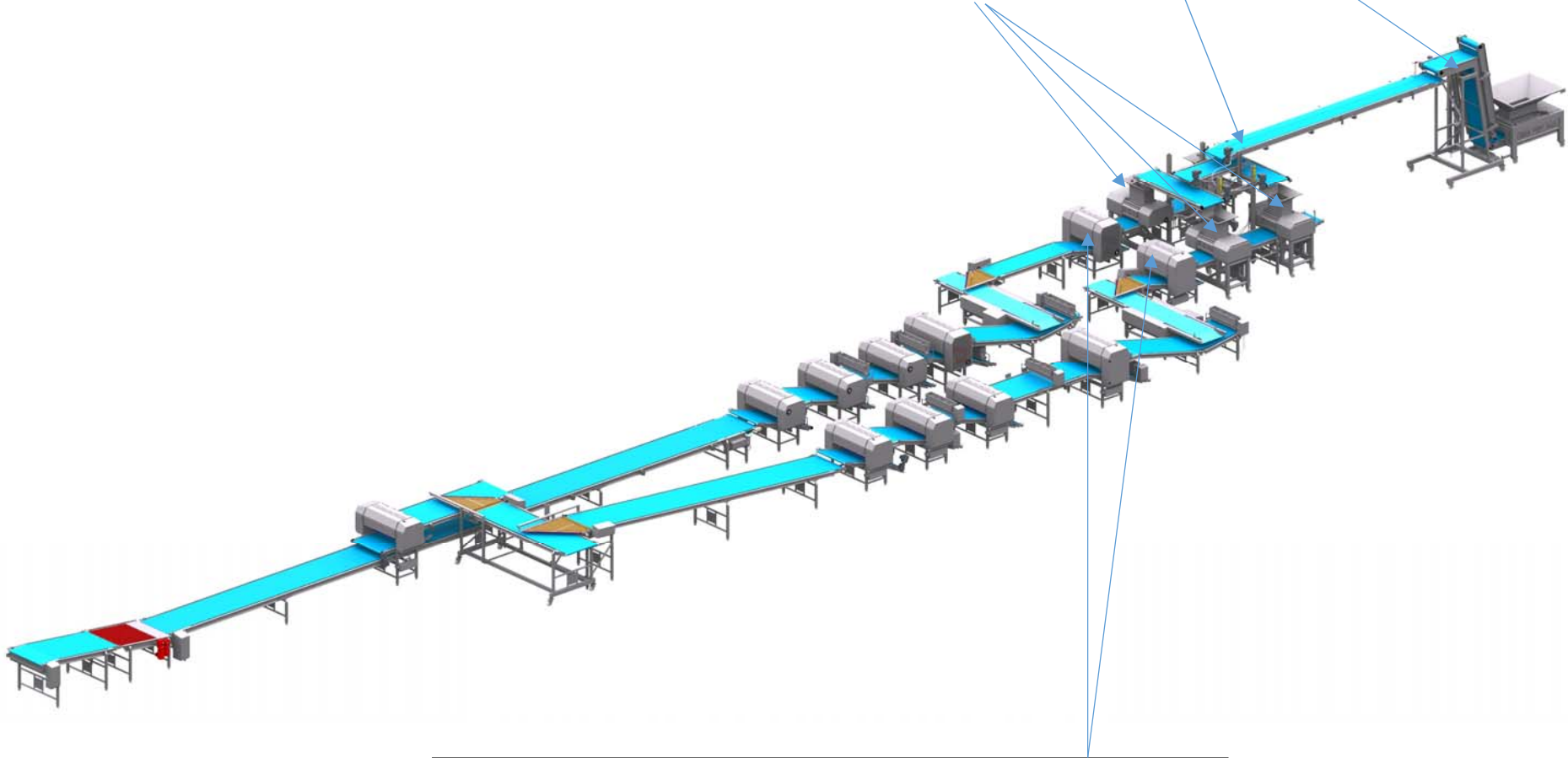
TROMP GROUP

TOTAL BAKERY SOLUTIONS

A Markel Food Group Company

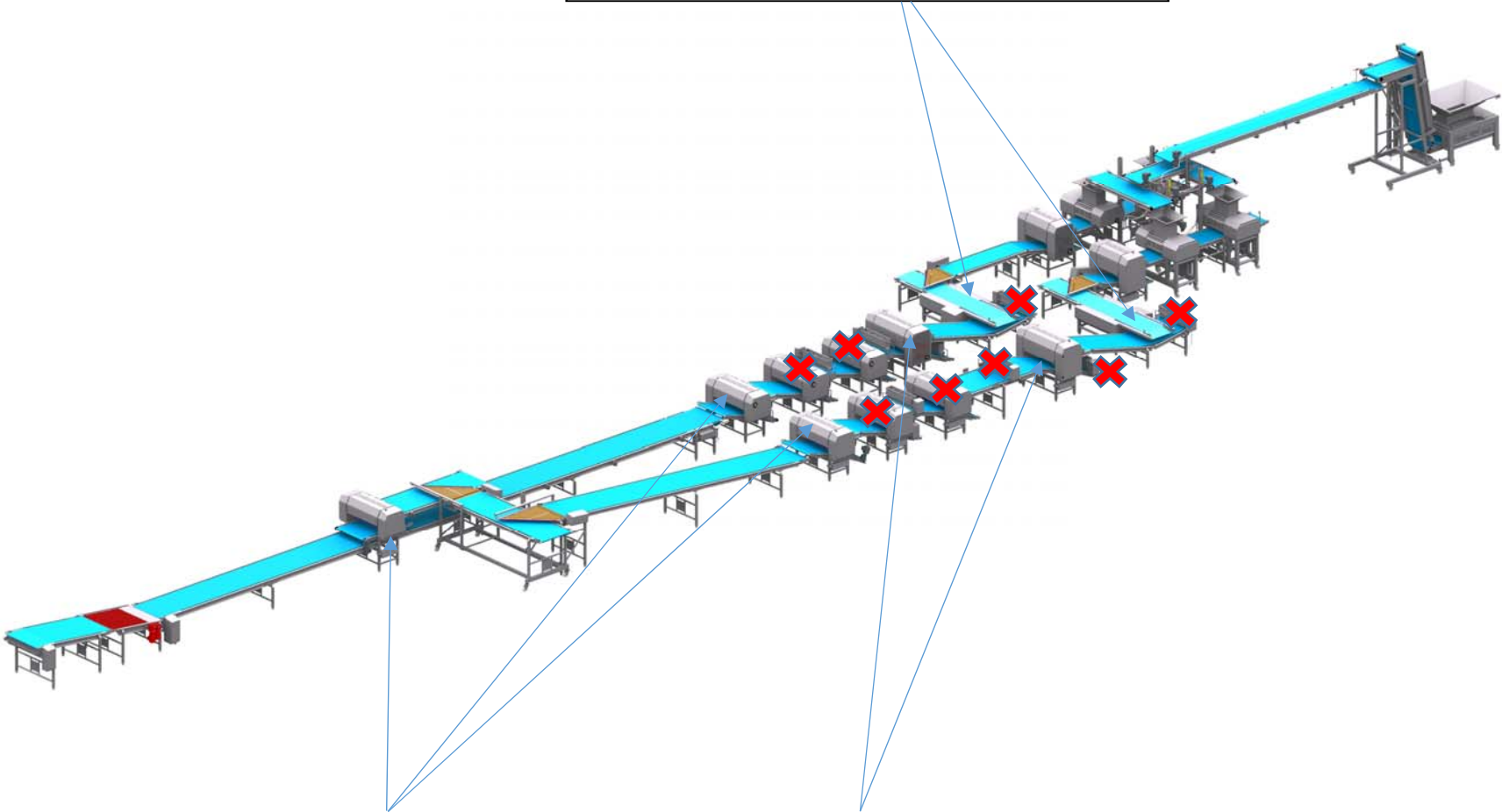
Section 1 Dough Chunker, Double Incline and feeding conveyors. Can be sold as a dough feeding system. Will require electric controls.

4 x 600mm wide 3 roll extruders. Can be sold individually.



2 X 600 mm wide Mutli or Satellite Rollers. Roller diameter is 90 mm and there are 12 rollers in a 600 mm diameter cage. High Polish rollers.

2 x retractors that can be used for laminated dough including infeed and outfeed pile conveyors



3 X 1000 mm 2 Roll sheeters - 270 mm diameter rollers highly polished.

2 x 1000 mm wide Multi Rollers – 90 mm diameter rollers in a 600 mm cage. High polish rollers.



- 1. Tromp Dough Dividing System 200 (including):**
 - Dough Dividing Unit with 1000 lb. capacity hopper
 - Rotating, beaded stainless cutting knives
 - Dough Piece is approx. 8" diameter by 40" length
 - Supply conveyor underneath the Dough Dividing unit. With a special non stick belt and or Intralox. Removable catch pan.
 - 12 ft. Double Incline conveyor
 - Double incline will have Intralox belting.
 - Two photo eyes, one for hopper and one for staging.
 - Tipping height 45" , hopper size 63" long 54" wide

- 2. Reversing conveyor 6 meters out of the chunker+ 1 photo eye**
- 3. Reversing conveyor 2,5 meters to feed section II or III+ 1 photo eye**
- 4. Reversing conveyor + 2 photo eyes to feed the 3-rolls on section II**
- 5. Reversing conveyor + 2 photo eyes to feed the 3-rolls on section III**

Tromp Three roll dough extruder 2M600 (4)

Three roll dough extruder with a working width of 600 mm. The thickness between the rollers is easily adjustable from 3 till 25 mm by means of a hand wheel with readout. All the rollers have a diameter of 200 mm and are made of stainless steel. The hopper has standard a capacity of approximately 75 kg. The extruder is provided with 2 adjustable speed drives. The extruder head is mounted on top of a very robust stainless steel frame with castors so that the total extruder can be wheeled away from the line for cleaning. The scraper knives are also easily removable. The rollers will be grooved, fine grooved or smooth (that will be decided by us and is depending on the type(s) of dough to be used for). One drive for top roller. One drive for the other top and the bottom roller. **Extensions on the hopper about 12 inches more above normal.**



Multi roller 600 (2) - Multi Roller 1000 (2)

Multi roller with a working width of 600 mm. Consisting of a bottom roller in stainless steel execution and a diameter of 200 mm. Top roller provided with 12 “free” spinning rollers, each with a diameter of 90 mm. Total circumference 600 mm. The rollers are provided with a special non-stick coating. The top and bottom rollers each with its own adjustable speed drive. The total unit is built onto a frame. Depending on the type and/or characteristics of the dough a reduction of maximum 10:1 can be achieved. The bottom roller is cleaned by means of a scraper, which is easily removable for cleaning. The thickness between the rollers is freely adjustable from 7 – 30 mm. by means of a hand wheel with readout. Made of stainless steel and non-corrosive materials.

CHANGES TO STANDARD MULTI ROLLER



2 doors instead of one. The doors will be bigger as well.

Hand wheel will be in the door.

Bearing protection on the 12 rollers.

No Teflon on the 12 rollers.

Cross pipes are closed.

Central greasing block on both sides.No stickers.

Stainless steel star knobs.

Safety switch. To be confirmed by customer

Full welding on frame.

1 x motors SEW

1 x 50 mm shafts instead of 40 mm



Two roll sheeting stations 270 (3) – 2 Standard Height and 1 extra high for top sheet.

Two roll sheeting station to reduce the dough sheet down in thickness. Each roller with a diameter of 270 mm. The roller width is **1100 mm**. The rollers are made of stainless steel with a perfect smooth surface. The thickness is freely adjustable from 1-30 mm. by means of a hand wheel with readout. The scraper blades are easy removable for cleaning. Provided with its own adjustable speed drive. Made of stainless steel and non-corrosive materials. **Unit seven will be higher than the other 6 and customer will supply measurements.**

CHANGES TO STANDARD 2-ROLL



2 doors instead of none.

Hand wheel will be in the door.

Cross pipes are closed.

Central greasing block on both sides.

No stickers.

Stainless steel star knobs.

Safety switches, to be confirmed by the customer.

Full welding on frame.



Top and bottom roller has their own drive.

1 x changes see attachment

1 x motors SEW

1 x 50 mm shafts instead of 40 mm

Included in per unit pricing

Auto Height Adjustment (15) on all units – controls not included.

The large drive on the left is the multi roll ring drive. The drive to the right is the conveyor drive motor. The absolute encoder for the auto gap adjustment is in red



Laminating Section

Horizontal supply conveyor

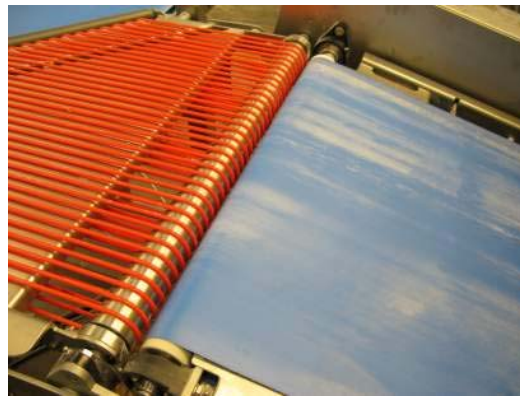
Horizontal supply conveyor with a length of approximately 3.1 mtr. Working width: 600 mm; belt width: 650 mm; conveyor width: 800 mm. Provided with an endlessly welded belt. Including quick release for easy cleaning of the belt. The belt is cleaned by means of a scraper with an easy cleanable collecting hopper. Provided with its own adjustable drive. Made of stainless steel and non-corrosive food grade materials.

45 degrees cord conveyor

45 degrees cord conveyor, to change the direction of the dough sheet 90 degrees. The conveyor is provided with cords. With its own adjustable speed drive and made of stainless steel and other non corrosive materials.

Retracting belt

Mechanical retracting belt to retract products onto baking trays, freezer or proofer. Total length: approximately 2,5 mtr. Provided with an endlessly welded belt. Total conveyor width 1000 mm. The in- and out-feed of the conveyor is provided with a sharp nose. This to handle smaller products. The retracting length is adjustable up to 800 mm. Provided with its two adjustable speed drives. Made of stainless steel and non-corrosive materials.



Open Frame Conveyors – Ultra Washdown Construction.



Wire Mesh Take Away and Poly Cord Lining Conveyor.

