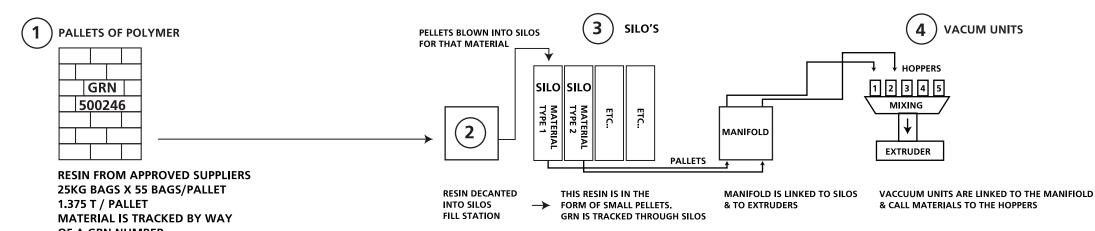
Tel No: +44 (0)28 9079 8171

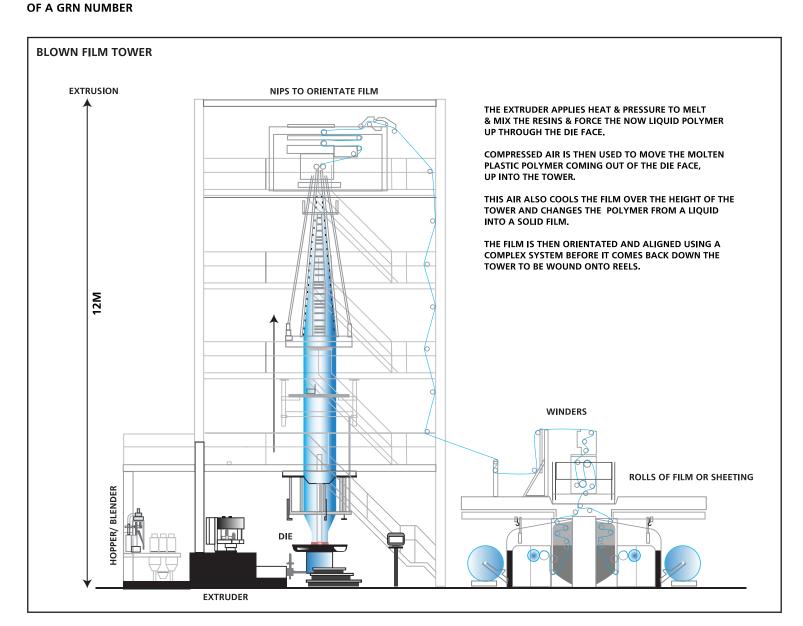
From ROI: 048 9079 8171

Email: production@browpharmapak.com

## MANUFACTURING PROCESS FLEXIBLE FILM

www.browpharmapak.com





**COMPUTERISED MANUAL** HANDLING SYSTEM TELLS WHICH HOPPER TO FILL FROM WHICH SILO

**MATERIAL HANDLING** THIS SYSTEM TELLS HOW MUCH MATERIAL FROM EACH HOPPER IS TO BE DROPPED INTO THE BLENDERS MIXING **CHAMBER TO GET THE CORRECT % MIX OF MATERIALS** 

MIX NO: XYZ 60% HOPPER 1 20% HOPPER 2 20% HOPPER 3 HOPPER 4 8% HOPPER 5 2% 100%

**RECIPES (MIXES)** THESE ARE HELD IN OUR ERP JCB PRODUCTION SYSTEM

**CUSTOMER SPECIFICATIONS** THESE ARE HELD ON OUR JCB PRODUCTION SYSTEM WHICH HOLD DIMENSIONS REQUIRED BY CUSTOMER, THE MIX REFERENCE, ETC. **EACH CUSTOMER CAN HAVE MANY DIFFERENT SPECIFICATIONS** WHICH ARE UNIQUE TO THEM.

**BATCH SPECIFICATION** BATCHES OF EACH SPECIFICATION ARE CREATED FOR OUR PRODUCTION TEAM TO MAKE – WE GIVE EACH BATCH A WORKS ORDER NUMBER.

**EXTRUSION** A BATCH OF FILM IS MADE ON THE EXTRUDER, e.g. 5 TONNES UNDER WORKS ORDER E19782. THE RESIN POLYMER PELLETS ARE CONVERTED INTO ROLLS OF FILM IN OUR 12M EXTRUSION TOWERS WHICH HOUSE OUR VARIOUS EXTRUDERS. REFER TO THE DRAWING OF OUR BLOWN FILM PROCESS FOR ONE OF OUR EXTRUSION LINES



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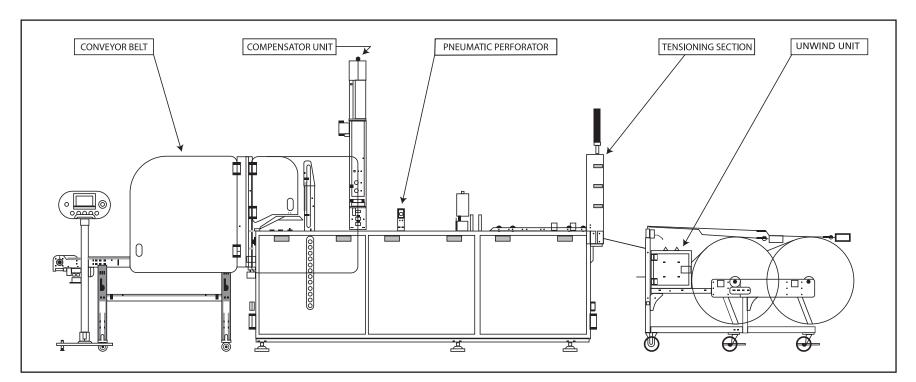
John C. Brow Ltd. T/A Brow Packaging 1 Prince Regent Road, Belfast, Northern Ireland, UK, BT5 6SA

Email: production@browpharmapak.com Tel No: +44 (0)28 9079 8171 From ROI: 048 9079 8171

- THE REELS OF FILM CAN GO ON FOR FURTHER PROCESSING OR CAN BE SOLD AS CONTINUOUS FILM STRAIGHT TO OUR CUSTOMERS.
- THE ROLLS OF FILM THAT GO ON FOR FURTHER PROCESSING, MOVE TO OUR CONVERSION DEPARTMENTS. DEPENDING ON THE SPECIFICATION & CUSTOMER, FILM WILL EITHER MOVE TO:



- 1. OUR GENERAL CONVERSION DEPT PRIMARILY FOR FOOD OR INDUSTRIAL APPLICATIONS
- 2. OUR PHARMA CONVERSION DEPT FOR HIGHER RISK MEDICAL & PHARMACEUTICAL APPLICATIONS
- MACHINERY IS USED TO PRINT THE FILM (IF REQUIRED) AND CONVERT THE FILM INTO BAGS OR SHEETS USING CUTTING & WELDING PROCESSES
- 14 A TYPICAL BAG MACHINE IS SHOWN BELOW ROLLS OF FILM ARE LOADED ONTO THE BACK OF THE MACHINE



15) THE FINAL PRODUCT IS A BAG OR SHEET WHICH IS MADE FROM CUTTING THE ROLLS OF TUBING OR SHEETING USING CUTTERS & SEALING HEADS.







