



# Semi-Automatic Fruit Packing Line

## Application



Fruit is delivered to the line from the fields in plastic containers and placed onto a powered roller conveyor 'A'. Each of the packers collect a container of fruit and place it on their side table. They then place an empty punnet on a special weighing table and fill the punnets by hand with the correct weight of fruit - a green and red indicators tell the operator when the weight is correct - they then place the full punnets on the flat belt conveyor 'B' where it is transported in a queue through a check weighing and labelling section and finally onto a 2m diameter rotating storage table 'C'.

Operators then pack the finished punnets into plastic containers for shipping. They place the containers onto a driven roller conveyor 'D' they are then conveyed to the dispatch department where they are loaded on the lorries and delivered to the shops.

When the packing operatives have emptied the plastic container they return the empty container to the gravity roller conveyor situated below the powered roller conveyor, it then travels to the loading bay.

When the packers require more full containers they press a button which runs the roller conveyor for 5 seconds.

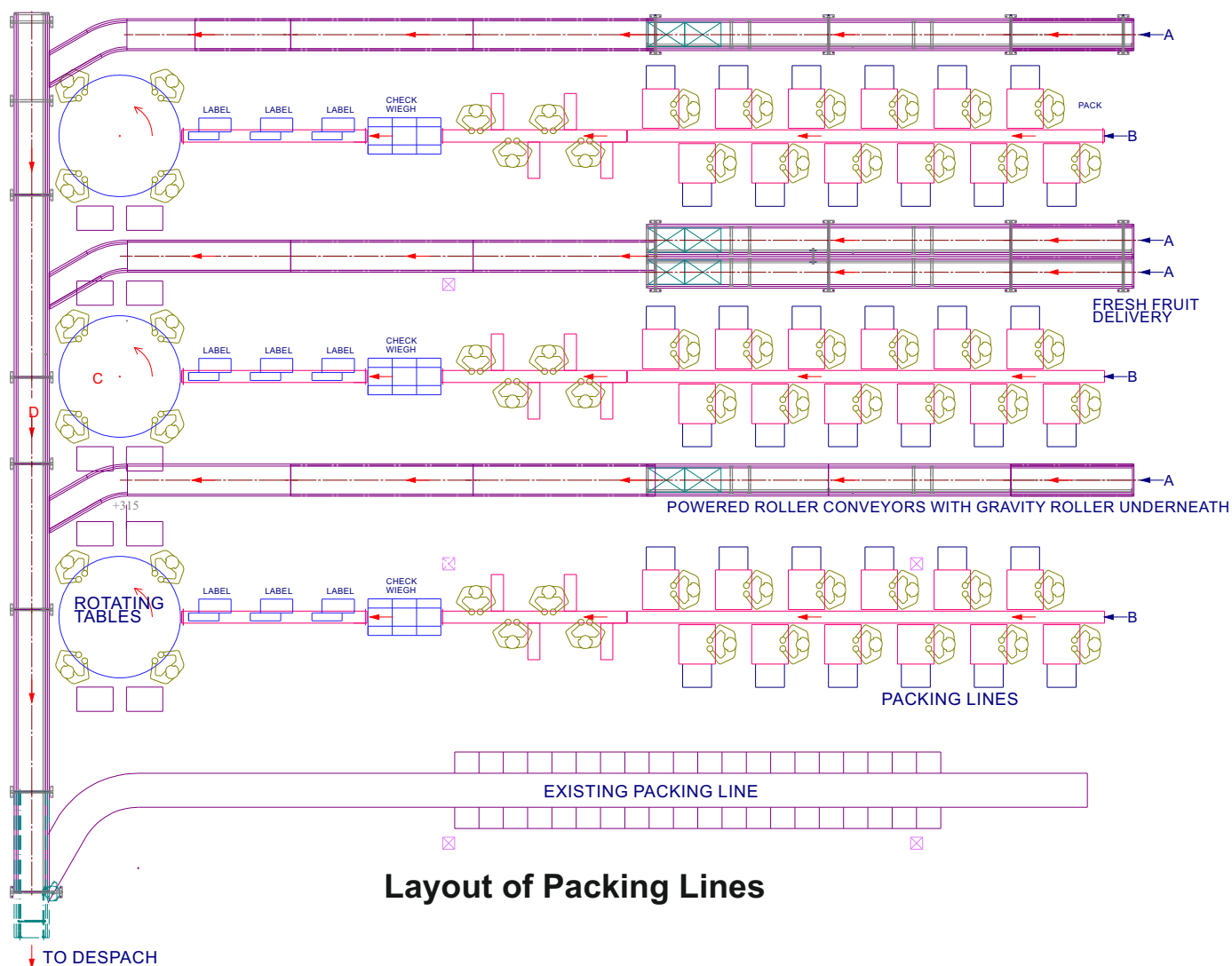
Powered roller conveyors 'A' for with plastic containers with freshly picked fruit. note, gravity roller conveyors underneath for returning containers.





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Layout of Packing Lines



Installation of the roller track conveyor system.



Rotating storage table 'C' where punnets collect, ready for immediate delivery to the super markets.

## MONK Conveyors Limited

Unit 9, The Christy Estate, Ivy Road, Aldershot, Hampshire GU12 4TX  
 Tel: +44(0)1252 369800 Fax: +44(0)1252 369801 Email: [sales@monk-conveyors.co.uk](mailto:sales@monk-conveyors.co.uk)  
[www.monk-conveyors.com](http://www.monk-conveyors.com)