



ACCURACY INNOVATION TECHNOLOGY

Custom 1 Custom 2 Custom 3 COMPAC PRODUCTS FRUIT VEGETABLES

www.compacsort.com



ACCURACY INNOVATION TECHNOLOGY

What we do

COMPAC SORTING EQUIPMENT LTD

Providing solutions to the international fruit and vegetable post harvest industry. Developing equipment, software and technology for sorting produce and improving packhouse efficiency.



COMPAC PRODUCTS FRUIT VEGETABLES

Founded in 1984 by Hamish Kennedy after building an electronic grader for his family orchard... and then for the neighbors orchard...

First export 1991

Revolutionary carrier first introduced in 1993

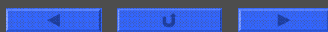
Blemish Grading released 2000

Privately owned and all directors work within the company



Key drivers behind development

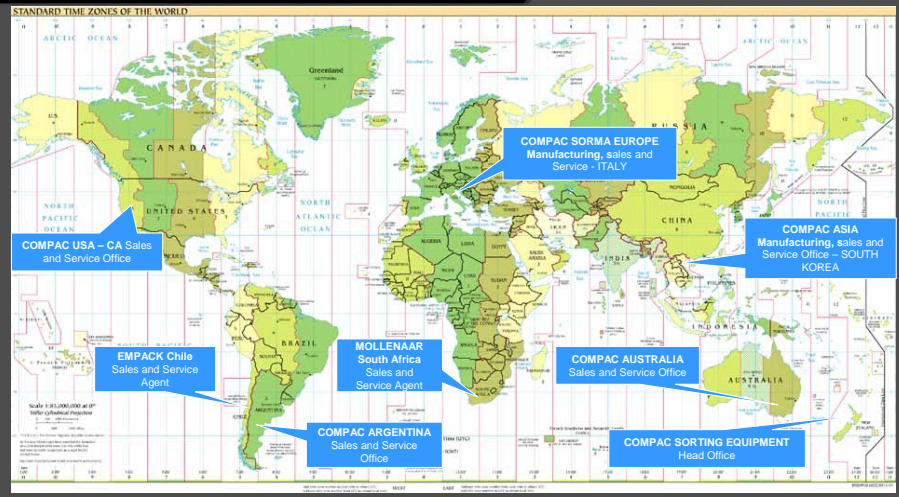
- Customers problems
- New applications for existing technology
- Changes in the market
- Drive for labour savings
- Opportunity seen by our staff





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Sales and Service Offices

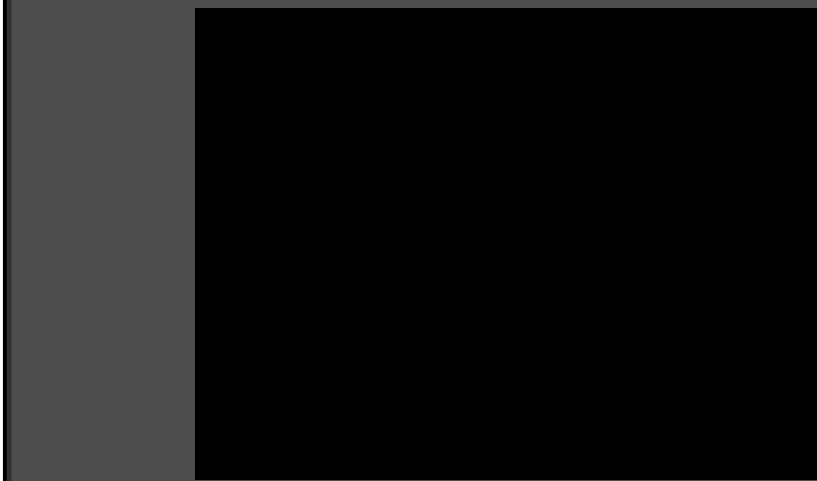


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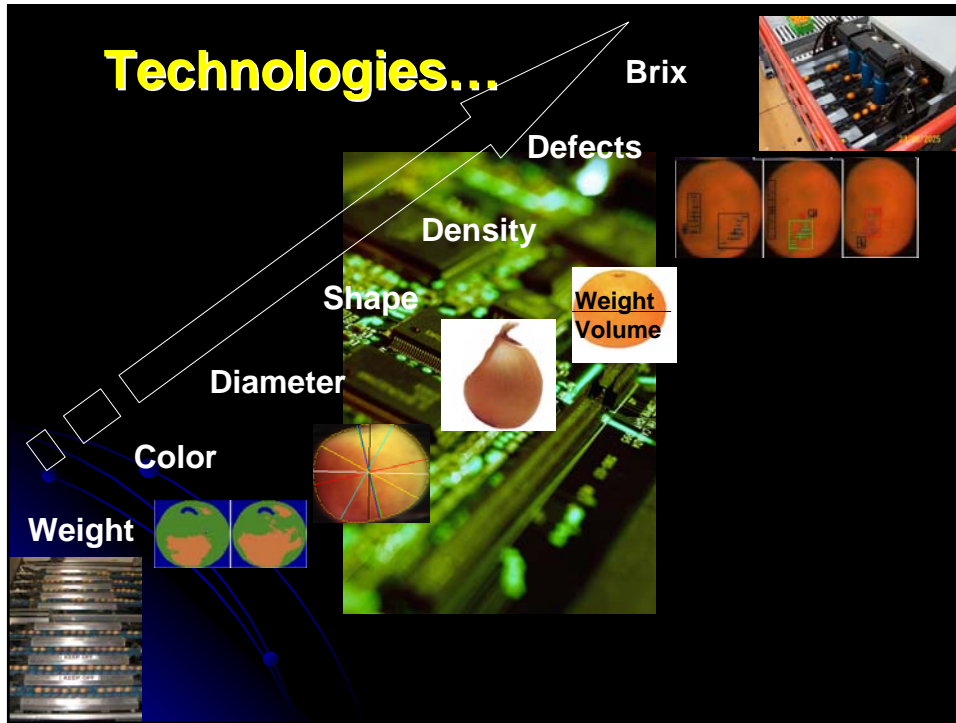


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Video



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Unbeatable Precision

Weighing Accuracy – At speeds of 10 fruit/second, each fruit is weighed 250 times as it passes over dual load cells. Accuracy guaranteed to **(+/-) .5gms**

Defects – Two cameras per lane give an unparalleled 100% view of the fruit surface. Detecting defects and surface blemishes.

Fruit ID	Weight	Volume	Density	Color	Defects
1	150.2	120.5	1.246	0.85	0
2	148.7	118.9	1.249	0.85	0
3	152.1	122.3	1.243	0.85	0
4	149.5	121.1	1.235	0.85	0
5	151.8	120.8	1.256	0.85	0
6	147.9	119.4	1.242	0.85	0
7	153.4	123.1	1.246	0.85	0
8	146.2	118.2	1.237	0.85	0
9	150.8	121.5	1.241	0.85	0
10	149.1	120.3	1.239	0.85	0

Compac Carriers

Mechanically simple – Only 4 moving pieces of moulded fibre plastic

No special tools required for assembly or disassembly

No fruit transfer
Singulation/Weighing/Tipping
all accomplished on the one carrier

Simple 'Click' fitting onto chain

Double side tipping



External Quality Sorting

- InVision 5000 - Colour Sorting
 - Separation of fruit into grades according to colour
 - Top view is sufficient for colour sorting
- InVision 9000 – Colour and Blemish
 - Surface Defects and markings
 - Shape and form
 - 3D full surface view

NIR Sorting System

Brix Grading
For:
Apples
Pears
Nectarines
Peaches
● Kiwifruit
Melons
Mandarins
Oranges



CDM – Intelligent weight display



Allows for visual check of fruit weight being delivered to outlet



Provides instant communication to packing staff

Compac™



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Custom 2

Custom 3

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