ISGA Convention 2019

Introduction of Yamato Weighing Machines

Automatic Weighing Solutions Global Sales Department
Shoko Yamashita
Thank you for this great opportunity today!
1920
Founded as Kawanishi Machinery

1945
Yamato Scale was established

1947
First domestic conveyor scale was invented

1954
Showa Emperor and Empress visited our factory

1954
Tire balancer was invented

1965
Wind tunnel test system were produced

1975
Non Stop Axle weigher was produced
About Yamato Scale

Yamato is one of the leading global manufacturers of commercial weighing equipment and with nearly 100 years’ manufacturing experience.
“What is Dataweigh?”

Multihead Weigher of Yamato ➔ Dataweigh
“What is a theory of Dataweigh?”

Choose some weigh heads for best combination, the closest to 100g

Dataweigh can find the best weight!
1. Benefits of Dataweigh™

- Increased productivity
- Easy operation
- Easy maintenance
- Food safety & Durability
Food Safety & Durability

- The IP 67 body can be fully washed
- The streamlined centre column has few uneven surfaces
- Polygon shaped buckets
- Continuous welding
Feature of Dataweigh for bean sprouts

1. Angle adjustable gate for optimal dispersion
2. External camera
3. Special shaped linear feeder pans
4. Polygon shaped buckets
5. Short drop distance
6. Adjustable angle
7. Product stopper

Better quality
Better accuracy
Better productivity
We all love bean sprouts!
Success story of Parilla Fresh

Before

250g size pack
30 packs/min
400g size pack
25 packs/min

After

65 packs/min
30 packs/min
55 packs/min

Twice as many packs as before
Success story of Parilla Fresh

Yamato weigher produces Drastic Improvement on giveaway

Giveaway (=Extra Charge Free Service )

20% Improvement!
Success story of Parilla Fresh

18% Giveaway improvement

Provides:

- 45g Saving per pack
- 1,404kg Saving per day!
- 351 tons Saving per year!!

Condition:
250g pack
Ex; profit per pack $0.3

14M Packs $4.2M Profit

EXTRA 1 month

18% Giveaway improvement

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EXTRA 1 month
If you are packing by hands....

Labour cost $20 \times 8\text{ hours} = $160/\text{per person/day}

Working days: 250 days a year

$160 \times 250\text{ days} = $40,000/\text{per person/year}

$40,000 \times 5 \text{ staffs} = $200,000 \text{ per year}

Annual Saving

$200,000 \text{ annually}

$200,000 \text{ saving}
Trend of bean sprouts market in Japan

- The cost of beans are nearly triple
- The retail price is 10% dropped compared to 2005
- The labour cost is increased by 20%

The diagram shows the trend of the cost of beans, labour cost, and retail price of bean sprouts from 2005 to 2017.
If you are in Australia or New Zealand...

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Thank you!