

Kündig Food Safety Tower ®





### Kündig Group

As a family-owned enterprise steeped in nearly a century of tradition, the Kündig Group sets the standards for quality and performance in trading and processing of first-rate food ingredients.

# Facts & figures

35.000+

Tons of output

4

Locations

140

Employees

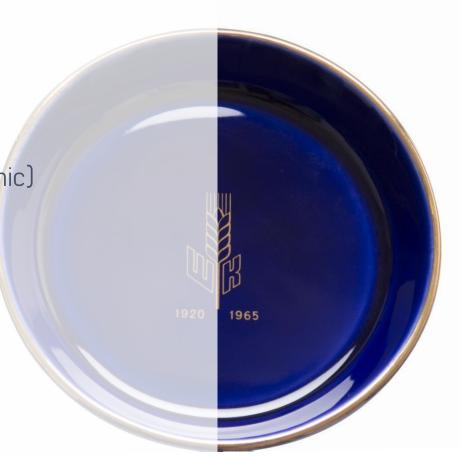
96

Years of tradition



## History

- 1920 W. Kündig & Cie AG
   Commodity trading (grains & pulses)
- 1993 Kündig KFT Budapest
   Quality control and source grains & frozen prod. (organic)
- 1996 Kündig Food KFT Kecskemet
   Production of spray dried tomato powder
- 2003 Part Shareholder of BGM GmbH & Co KG
- 2007 Kündig Germany & Biosteril ® Processing and cleaning of dried produce
- 2015 Kündig Food Safety Tower®
  Solution for foreign body management



# Danger: Foreign Matter

- Warning System 2015
   106 Foreign Matter Notifications
   (Europe)
- Warning System 2014
   89 Foreign Matter Notifications (Europe)
- Warning System 2013
   88 Foreign Matter Notifications (Europe)
- Glas / Metal / Plastic / Wood / Stones
- Only fractions have been reported

https://webgate.ec.europa.eu/rasff-window/portal/?event=searchResultList





# Mars

Plastic pieces in chocolate bars

- Recall in over 50 countries
- Damage of several Millions (USD)
- Damage to reputation unknown

## Nestlé

Content of lead too high in noodles (India)

- Biggest recall in history
- 400 Mio packages affected
- 200 Mio revenue loss
- 200 Mio brand value loss
- 66 Mio additional costs

http://www.handelszeitung.ch/sites/handelszeitung.ch/files/lead\_image/maggi-indien-protest-ban-maggi-nestle.jpg









### Problem 1

Influence factors: Technology, men, process, material

Not only efficient (to do the right things) but also effective (to do things right)

#### Solution:

- Raising awarness through training (Know-How / Mindset),
- Correct arrangement of processes & machines
- Use of correct materials.





### Problem 2

New technologies do have limits!

Small parts are hardly detectable (<1mm)

#### Solution:

New technologies need to be used as a addition to conventional technologies



## Problem 3

Foreing matter that stick to the product is difficult to detect.

Traditional cleaning & new technologies have no chance

Solution:

Handpicking

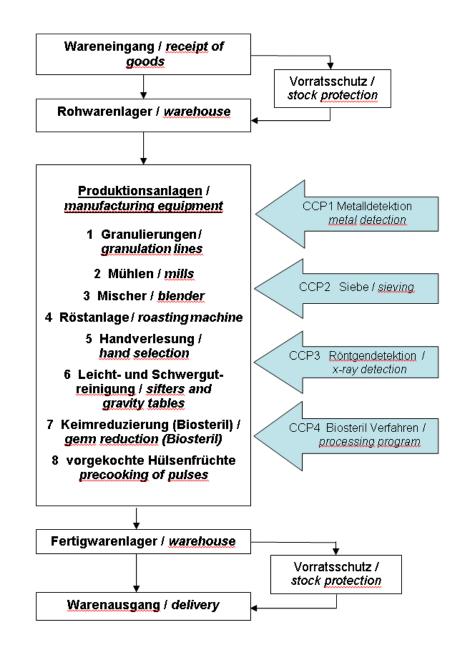


### **Traditonal Work-Flow**

Goods receipt

Production

Delivery



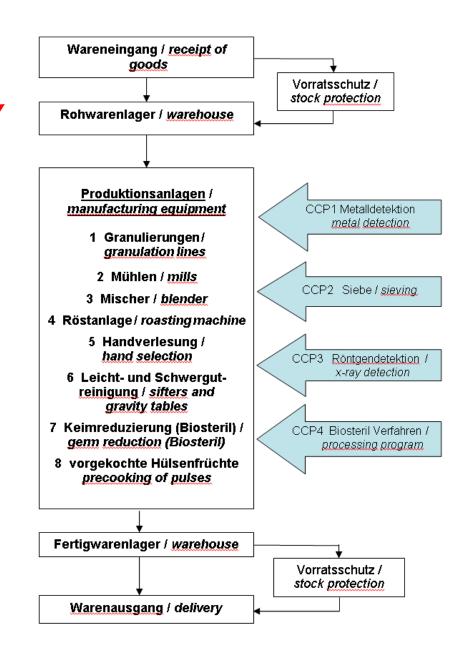
# Kündig Work-Flow

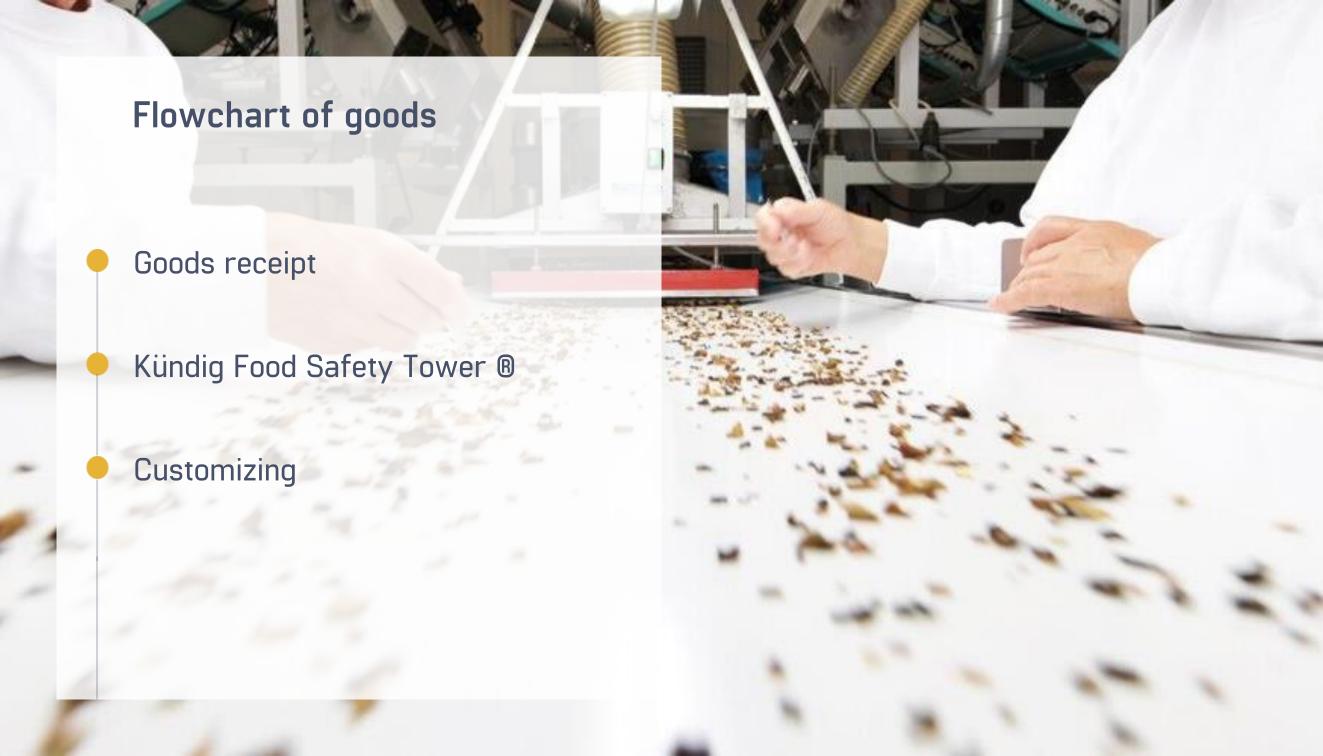
Receipt of goods

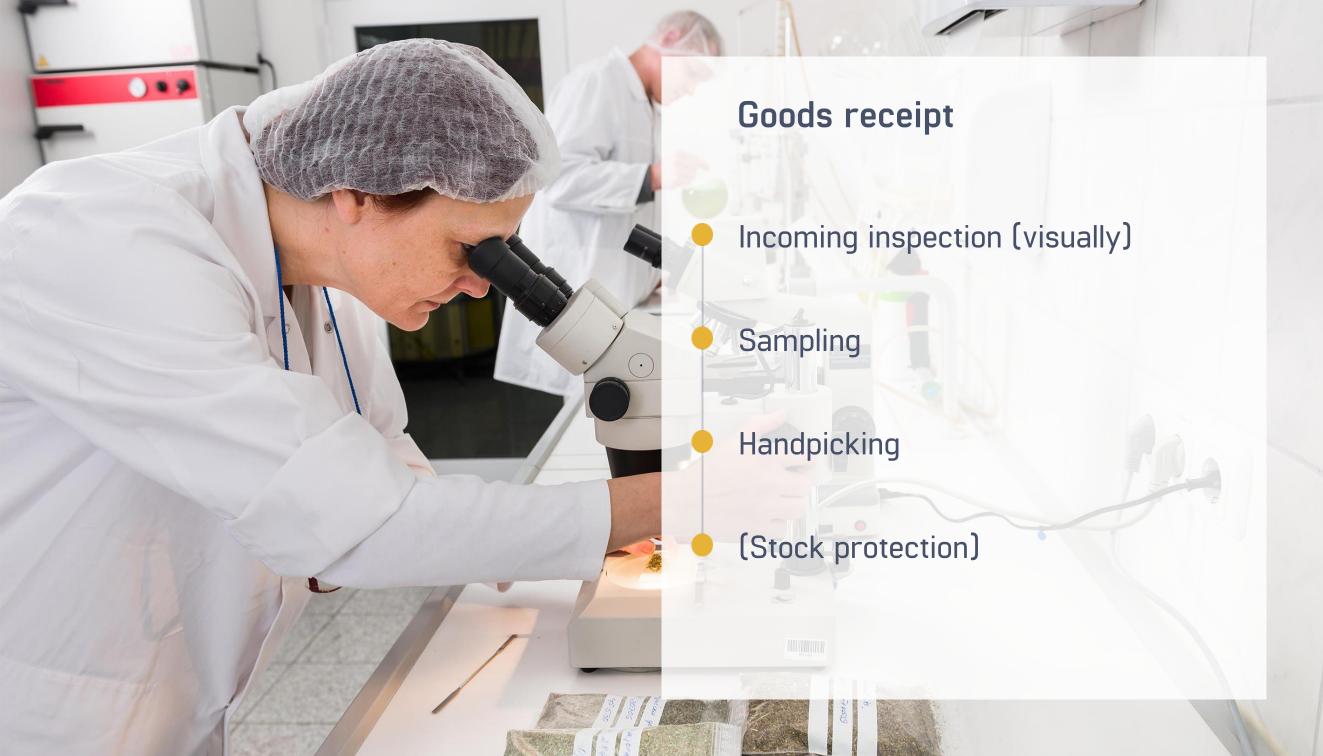
Kündig Food Safety Tower ®

Customizing

Delivery

















## Kündig Food Safety Tower – At a glance

#### #1 Perfect Interaction

Leading-edge laser and radiographic technologies guarantee purity and product safety.

#### #3 Modern sieving technique

State-of-the-art sieving techniques ensure pinpoint accuracy of fractioning process.

#### #2 Closed system

From goods receipt to packaging, the KFST® guarantees maximum product safety due to its closed system.

#### #4 Transmission via stainless steel

Produce transmission via stainless steel eliminates contamination risk.



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