

**MPI Australia**

**OPTIMA**

**OPTIMA - Packaging solutions for Infant Formula**

**142**  
Trainees in  
Schwaebisch  
Hall

**1000 qm**  
Apprenticeship  
workshop

**2000**  
Employees  
worldwide



**90**OPTIMA  
years

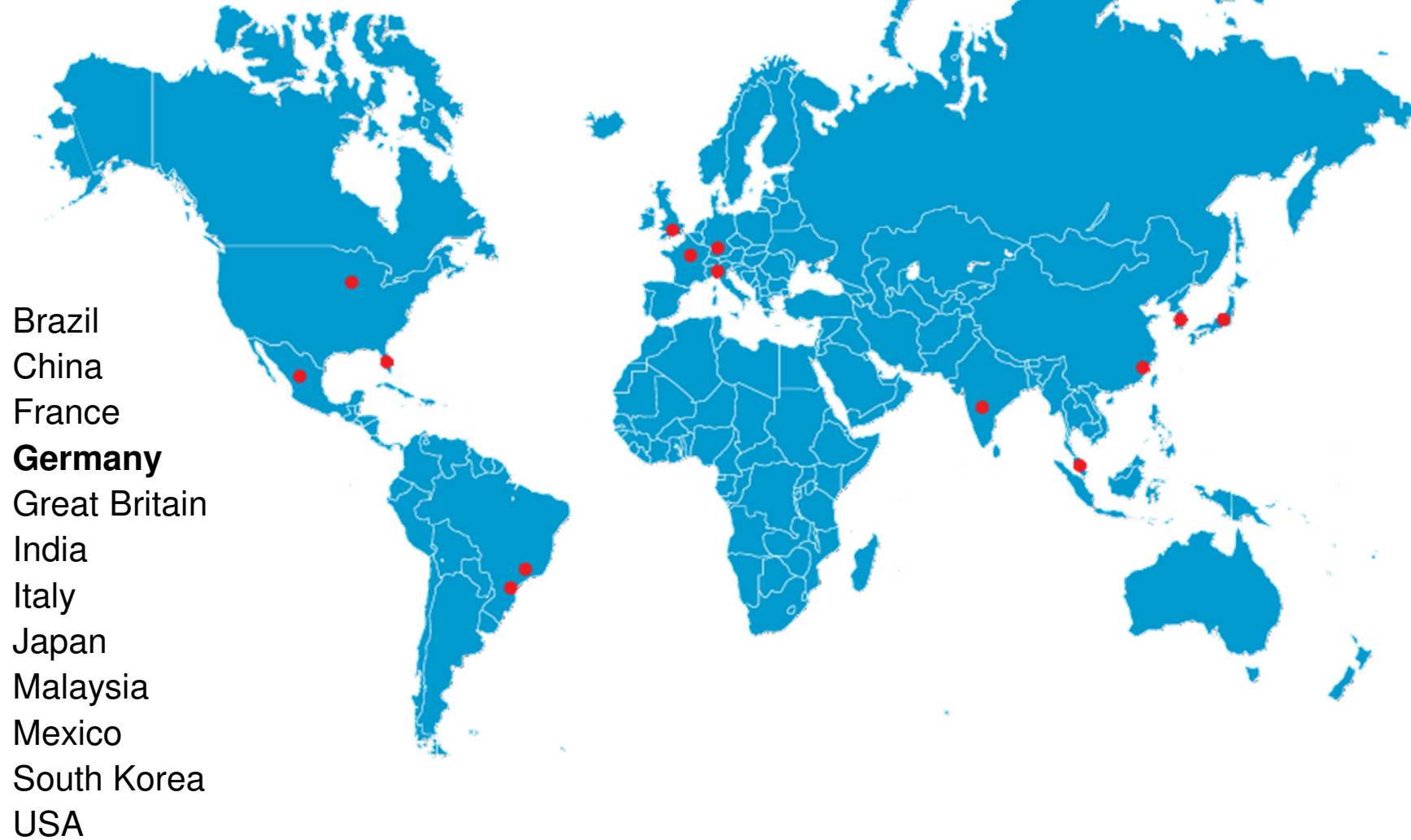
Family  
business in  
third  
generation

**80%**  
Export

**330 Mio.Euro**  
turnover  
(consolidated  
2014)

**13**  
Foreign  
branches

## Subsidiaries



# OPTIMA - Packaging solutions for Infant Formula

**OPTIMA**  
EXCELLENCE IN PACKAGING

## Metal can / tin:



## Thermofor med / HDPE cup:



## PE / PS / Mixed material cup:



## Inline solutions / Carton Layer:





# FS4

**Rotary continuously filling machine for powdery products (infant formula)**



## Technical Data F42-16:

- Output: 80 - 160 containers/min.
- Filling volume: g - kg
- Dimension: approx. 2200 x 3100mm
- Container Ø: 40 – 225mm
- Container height: 60 – 250mm
- 2x Auger doser
- Tare – Gross checkweigher with automatic mean value regulation and topping up
- Filling accuracy: at 400g S=2-4g (depending on the product)

## Technical Data F42-24:

- Output: 80 - 250 containers/min.
- Filling volume: g - kg
- Dimension: approx. 2200 x 3100mm
- Container Ø: 40 – 156mm
- Container height: 60 – 250mm
- 2x Auger doser
- Tare – Gross checkweigher with automatic mean value regulation and topping up
- Filling accuracy: at 400g S=2-4g (depending on the product)

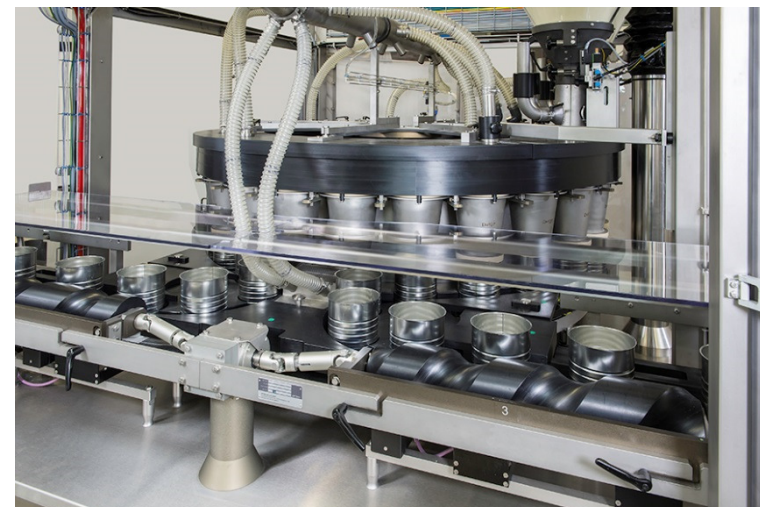


# FS4

**Rotary continuously filling machine  
machine for powdery products  
(infant formula)**

## Technical Data FS4-32:

- Output: 80 - 350 containers/min.
- Filling volume: g - kg
- Dimension: approx. 2200 x 3100mm
- Container Ø: 40 – 127mm
- Container height: 60 – 250mm
- 2x Auger doser
- Tare – Gross checkweigher with automatic mean value regulation and topping up
- Filling accuracy: at 400g S=2-4g  
(depending on the product)

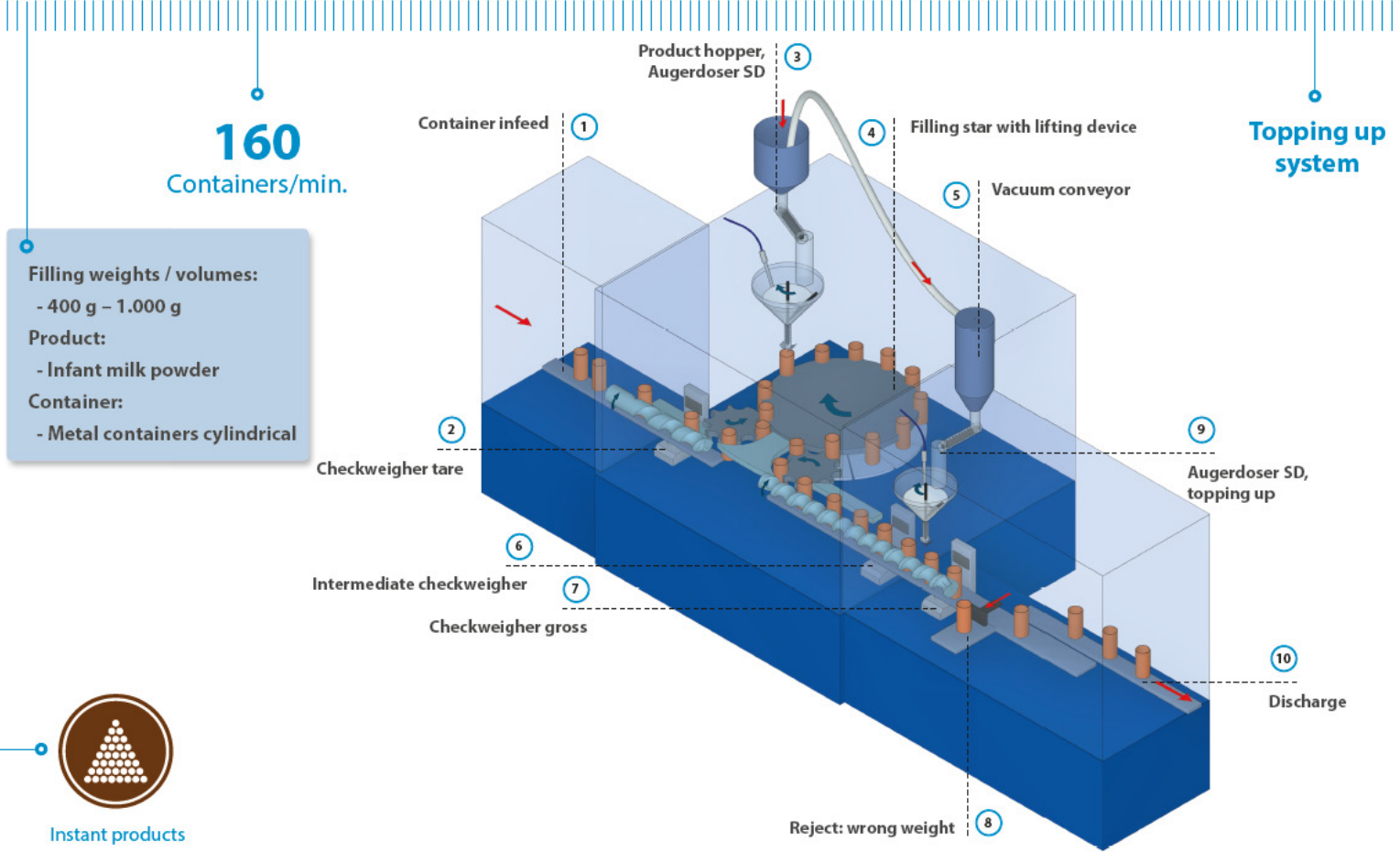


# Overview FS



Machine size	Filling star partition	Nominal output per minute	Diameter of container in mm min-max	Height of container in mm min-max	Size of machine in mm W x D
2	12	140	40 – 156	60 - 250	1600 x 2250
2	16	160	40 – 127	60 - 250	1600 x 2250
4	16	160	40 - 225	60 - 250	2200 x 3100
4	24	300	40 - 156	60 - 250	2200 x 3100
4	32	350	40 - 127	60 - 250	2200 x 3100

# Latest Project





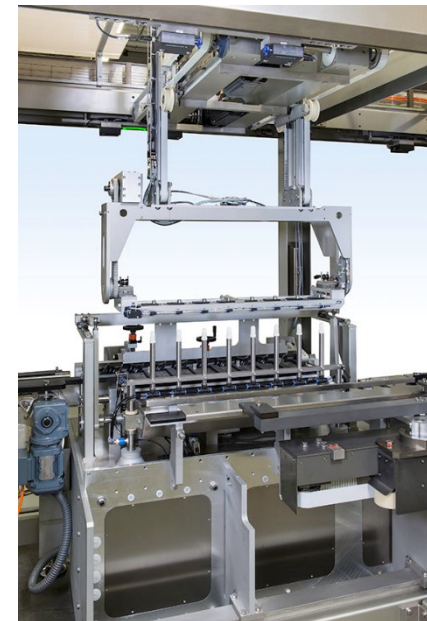
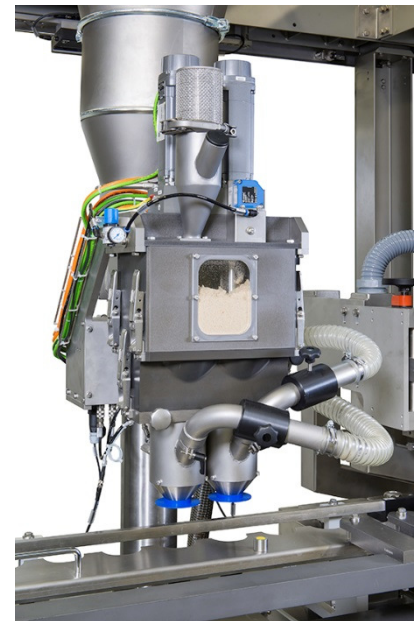
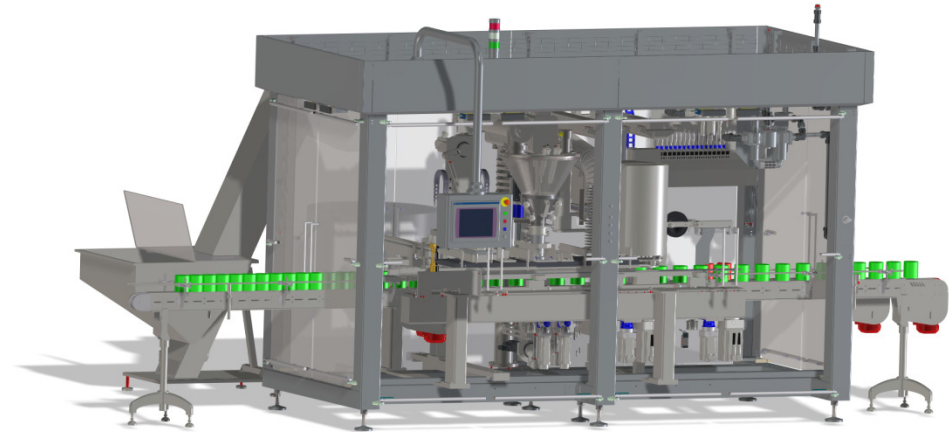


# MPS

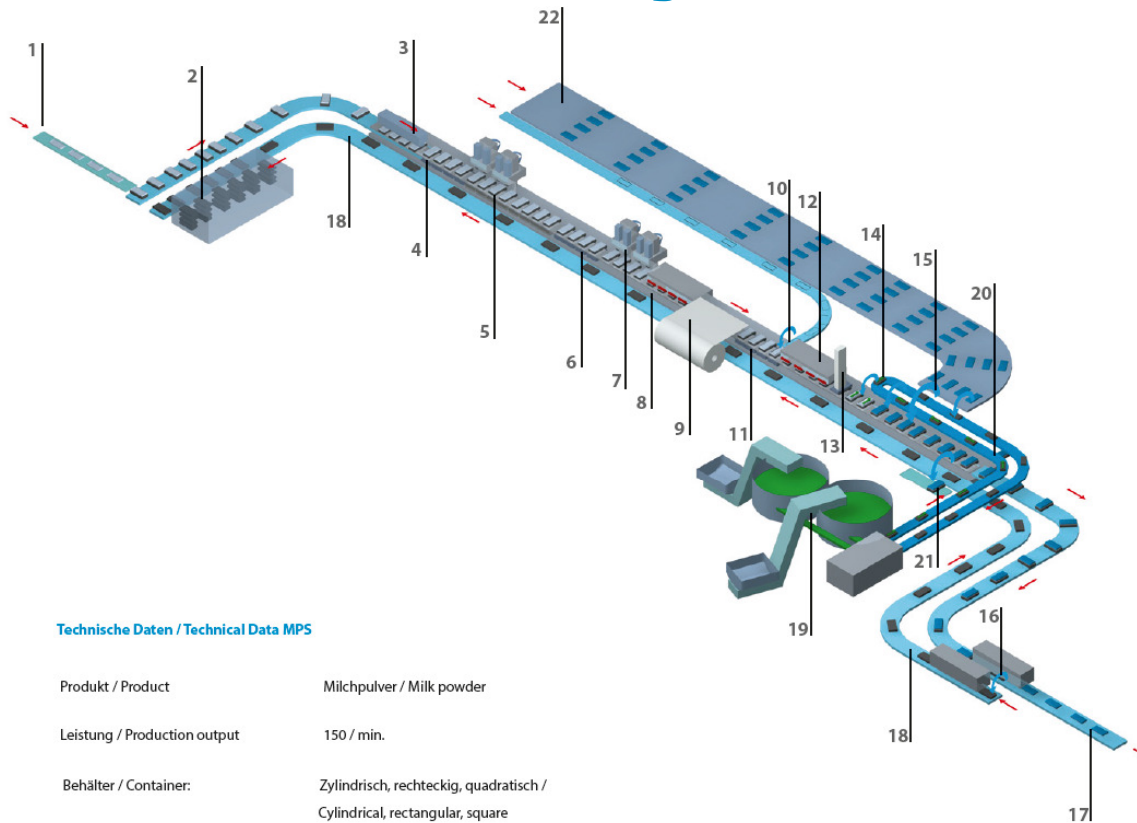
**Linear index filling machine  
for powdery products (infant  
formula)**

## Technical Data MPS:

- Output: 40 - 150 containers/min.
- Filling volume: g - kg
- Container Ø: 80 – 156mm
- Auger doser
- Tare – Gross checkweigher with automatic mean value regulation and topping up
- Gassing system for oxygen residuals less than 2% possible
- Monoblock machine for cleaning, gassing, filling and closing (seamer or foil)



# Latest Project



### Technische Daten / Technical Data MPS

Produkt / Product	Milchpulver / Milk powder
Leistung / Production output	150 / min.
Behälter / Container:	Zylindrisch, rechteckig, quadratisch / Cylindrical, rectangular, square

Wir arbeiten ständig an der Weiterentwicklung unserer hochwertigen Maschinen. Texte, Abbildungen und Zahlenangaben auf dieser Seite sind daher unverbindlich und exemplarisch. We are constantly working on the development of our high quality machines. Therefore, text, diagrams and figures on this page are not binding.

### Prozessablauf (Baugruppen) / Production process (assemblies)

- 1 Zuführband / Infeed belt
- 2 Übersetzer, Puckmagazin, Reinigung, Dichtheitsprüfung /  
Pick and place, puck magazine, cleaning, Leak test
- 3 Behälter spülen / insing container
- 4 Tarawaage / Checkweigher tare
- 5 Schneckendosierer SD2, Rüttelung / Augerdoser SD2, vibration unit
- 6 Zwischenwaage / Intermediate checkweigher
- 7 Schneckendosierer SD2 / Augerdoser SD2
- 8 Siegelrandreinigung / Edge cleaning
- 9 Stanz- und Siegelstation / Punching and sealing unit
- 10 Übersetzer / Pick and place
- 11 Bruttowaage / Checkweigher gross
- 12 Ultraschallsiegeln / Ultra sonic seal station
- 13 Packungsbeilagenmagazin / Leaflet magazine
- 14 Übersetzer / Pick and place
- 15 Übersetzer / Pick and place
- 16 Wendestation / Turning station
- 17 Abtransportband / Discharge conveyor
- 18 Puckrücktransport / Puck return transportation
- 19 Sortierung Löffel / Sorting spoon
- 20 Zuführung Löffel / Infeed spoon
- 21 Schlechtausschub / Reject
- 22 Zuführung Lufttransport / Infeed airtransport

### Besonderheiten / Features

- Modularer Maschinenaufbau / Modular machine structure
- Schnelle Formatwechsel / Quick change over

# OPTIMA - References in Infant Formula

**OPTIMA**  
EXCELLENCE IN PACKAGING



# Wyeth



Good Food, Good Life



Enjoy the Quality  
**Namyang**



## And many more....

© OPTIMA packaging group GmbH



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