

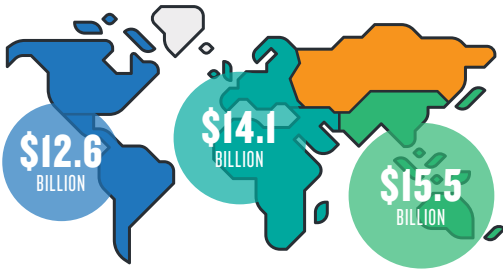
A LOOK AT PACKAGING AROUND THE WORLD



PMMI, The Association for Packaging and Processing Technologies, reports on the global trends impacting packaging machinery.

Market Size

The world market for packaging machinery was worth **\$36.8 billion in 2016**. It's estimated to reach **\$42.2 billion by 2021**, a CAGR of 2.8%.



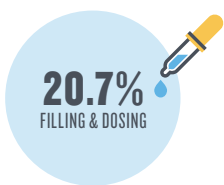
2021 Market Forecast by Region

- Asia Pacific – \$15.5 Billion
- EMA (Europe, Middle East, Africa) – \$14.1 Billion
- The Americas – \$12.6 Billion

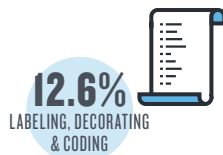
Driving Industry Sectors



Leading Machine Groups



Filling and dosing machinery accounted for **20.7%** of the total market in 2016 with **\$7.6 billion** in revenue.



Labeling, decorating, and coding machinery was the second largest with **12.6%** of the total market with **\$4.6 billion** in revenue.

Machine groups forecast to have the highest growth rates from 2016 to 2021 are:

- 3.2%** HORIZONTAL FORM, FILL AND SEAL
- 3.1%** FILL AND SEAL
- 3.0%** LABELING, DECORATING AND CODING

Reason for Growth



POPULATION INCREASE



THRIVING MIDDLE CLASS



HEIGHTENED SUSTAINABILITY CONCERNS



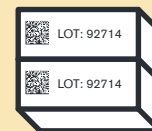
MORE SPENDING POWER IN DEVELOPING REGIONS



INCREASED POPULARITY OF FLEXIBLE PACKAGING (specifically pouches)



DEMAND FOR SMART PACKAGING (QR codes and augmented reality)



SERIALIZATION
62% of medicines purchased online are fake and substandard



The Association for Packaging and Processing Technologies

PMMI connects consumer goods companies with manufacturing solutions through the world-class PACK EXPO portfolio of trade shows, PMMI Media Group and PMMI Business Drivers.

Learn more at pmmi.org and packexpo.com and pmmimediagroup.com.