



# DFMA GLOBAL COSTING DATA

Fully-Integrated Worldwide Costing Data for Machines, Materials, & Operations

Our DFMA cost estimating software now incorporates newly developed global manufacturing profiles. This new capability gives you global cost insights into the most widely used metal and plastic manufacturing methods, including:

- ▶ Six Types of Metal Casting
- ▶ Powdered Metallurgy
- ▶ Plastic and Metal Extrusion
- ▶ Machining
- ▶ Sheet Metalworking
- ▶ Forging
- ▶ Manual and Automatic Assembly
- ▶ Printed Circuit Board Processing
- ▶ Plastic and Metal Injection Molding

## WHAT'S INCLUDED

All global manufacturing centers are represented, as are the key rising industrial hubs where substantial growth is poised for the future. Data for the following countries is preloaded into the software and is available for immediate use.

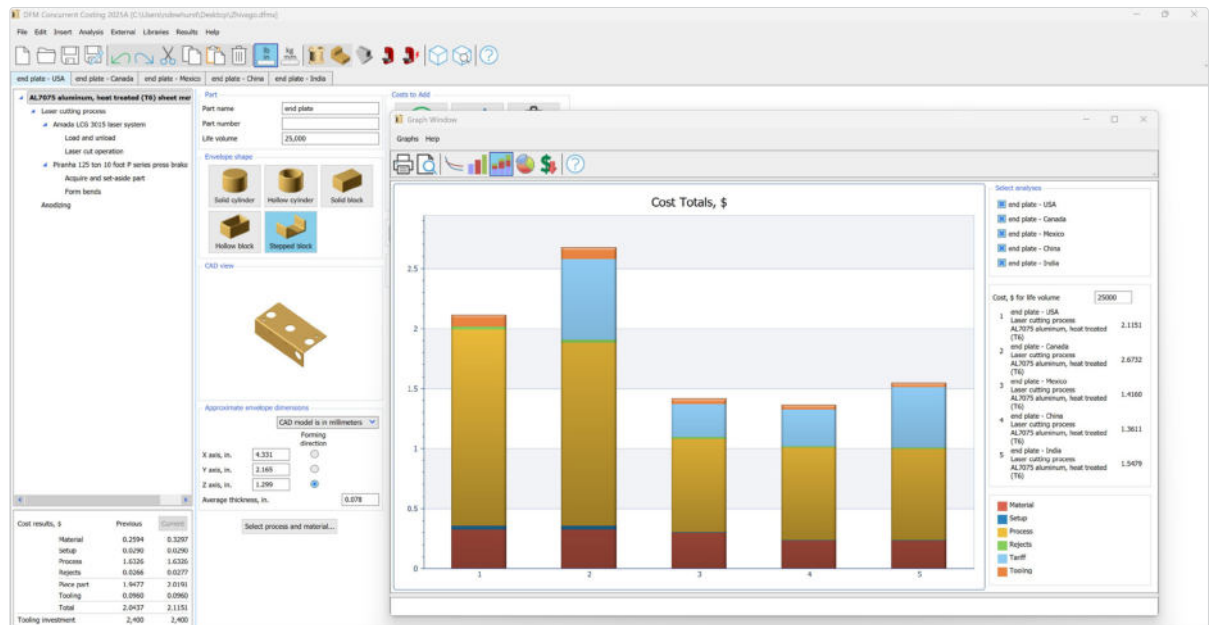
- ▶ United States
- ▶ China
- ▶ Mexico
- ▶ Canada
- ▶ Vietnam
- ▶ India
- ▶ South Korea
- ▶ Japan
- ▶ Indonesia
- ▶ Ireland
- ▶ United Kingdom
- ▶ France
- ▶ Italy
- ▶ Spain
- ▶ Taiwan
- ▶ Poland
- ▶ Czech Republic
- ▶ Switzerland
- ▶ Germany
- ▶ Israel
- ▶ Brazil
- ▶ El Salvador



## HOW THE DFMA GLOBAL COSTING DATA WAS DEVELOPED

This data was developed by skillfully leveraging AI to gain an objective understanding of up-to-the-minute trends in global manufacturing costs. Boothroyd Dewhurst costing experts evaluated these trends and determined their impact on the time-tested Boothroyd Dewhurst cost models.

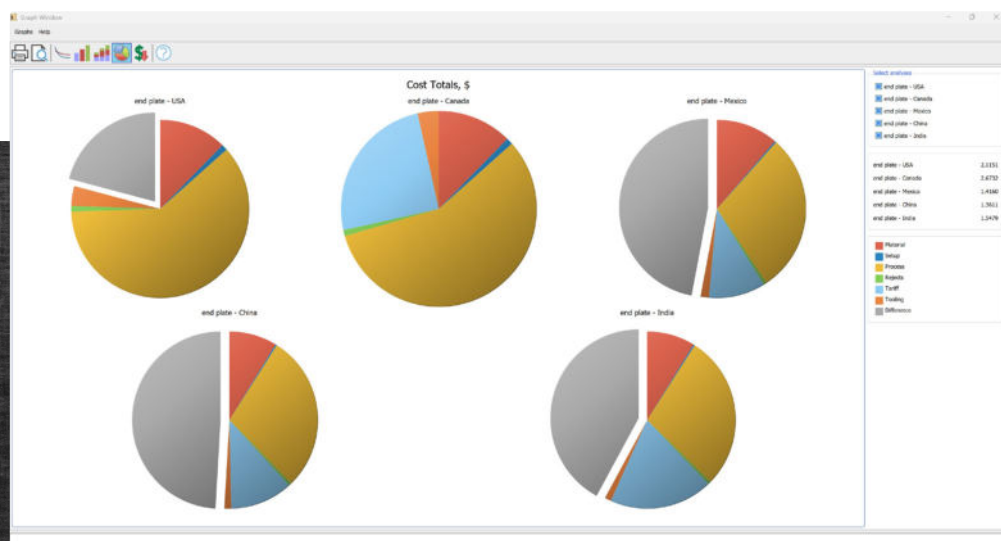
More than 200,000 new global cost data points have been integrated, including new hourly rates for machines and labor, material costs, energy costs, tooling costs, and costs for ancillary materials and supplies.



Manufacturing profile: 25B BDI DFM United States | Total piece part cost = \$2.0191 | Total initial tooling investment = \$2,400 | Total cost per part = \$2.1151

**While developing this new information, our primary objectives included both data accuracy and consistency to ensure the usefulness of any cost comparisons made.**

With this new advance in DFMA, you can now pinpoint the lowest-cost manufacturing regions for your parts, develop business cases to more effectively evaluate investments in your supply chain, and re-evaluate supply chain decisions made years ago to see if they still make sense today.



This new global cost data is available for current subscribers. For information on adding this capability to existing subscriptions, please contact [info@dfma.com](mailto:info@dfma.com) for pricing details.



## EXAMPLE OF DFMA GLOBAL COSTING DATA RESULTS

### DFMA® - Boothroyd Dewhurst, Inc.

#### DFM Concurrent Costing Totals

Thursday, September 25, 2025

Analysis Name	end plate - USA	end plate - Canada	end plate - Mexico	end plate - China	end plate - India
Part name	end plate	end plate	end plate	end plate	end plate
Part number					
Material	AL7075 aluminum, heat treated (T6)	AL7075 aluminum, heat treated (T6)	AL7075 aluminum, heat treated (T6)	AL7075 aluminum, heat treated (T6)	AL7075 aluminum, heat treated (T6)
Manufacturing process	Sheet metal laser cutting	Sheet metal laser cutting	Sheet metal laser cutting	Sheet metal laser cutting	Sheet metal laser cutting
Manufacturing profile	25B BDI DFM United States	25B BDI DFM Canada	25B BDI DFM Mexico	25B BDI DFM China	25B BDI DFM India

Cost per part, \$	Value	Value	Value	Value	Value
Material	0.3297	0.3297	0.3016	0.2335	0.2347
Setup	0.0290	0.0289	0.0074	0.0068	0.0068
Process	1.6326	1.5262	0.7758	0.7669	0.7555
Rejects	0.0277	0.0261	0.0152	0.0139	0.0138
Tariff		0.6688	0.2750	0.3063	0.5054
Piece part	2.0191	2.5797	1.3750	1.3275	1.5162
Tooling	0.0960	0.0934	0.0410	0.0336	0.0317
Total	2.1151	2.6732	1.4160	1.3611	1.5479
Initial tooling investment	2,400	2,336	1,024	840	792

Life volume	25,000	25,000	25,000	25,000	25,000
Batch size	3,125	3,125	3,125	3,125	3,125
Part weight, lb	0.107	0.107	0.107	0.107	0.107

Piece part cost includes costs that are not the result of Boothroyd Dewhurst cost models.



# DFMA®

BOOTHROYD DEWHURST

Boothroyd Dewhurst, Inc.  
4474 Post Road  
East Greenwich, RI 02818  
(401) 783-5840  
info@dfma.com

> **DFMA.COM**