

Corporation Overview

- Established in 1964, Phillips Plastics is a privately-held custom injection molder of plastic, metal, ceramics, and silicone
- Phillips Plastics is a technology driven company, providing contract manufacturing services to original equipment manufacturers in the medical, defense, automotive, appliance, telecommunications, consumer electronics, industrial, and recreational markets
- Fiscal year 2009 sales were approximately \$230 million
- Over 1,200 people; supported by a network of over 500 production people, 120 quality and regulatory professionals, 130 engineers (includes design, process, and manufacturing), and 80 toolmakers (includes tool managers, coordinators, team leaders, mold makers, mold polishers, machinists, jig and fixture, EDM specialists, and apprentices)
- Total presses is 228, ranging in tonnage from 7 to 935
- 14 locations throughout the United States, occupying over 800,000 square feet, with total manufacturing square footage equaling 400,000 square feet
- All manufacturing facilities operate under one or more of the following: ISO 9001, ISO 13485, TS 16949, ISO 14001, and FDA standards

Services Provided

- Product development
- Industrial design, mechanical design, and design refinement
- Computer aided design software platforms include: Alias|wavefront, Pro/ENGINEER®, Unigraphics®, CATIA®, Ashlar Cobalt, SolidWorks®
- Graphic design
- Stereolithography
- Appearance, functional, and multiple models
- Testing
- Rapid prototyping
- Prototype tooling
- Market-entry tooling
- Production tooling
- High speed tooling
- Custom automation systems for molding, assembly, and finishing
- Supply chain management
- Pilot facility supporting clinical builds
- Medical cleanroom molding
- Medical device assembly
- FDA registered facilities for medical device assembly and sterilization
- Sterilization management
- Drug handling and packaging
- Combination medical devices and drug products
- High volume molding
- Low volume molding
- Metal injection molding
- Magnesium injection molding
- Small parts molding
- Multi-shot molding
- Functional and decorative insert molding
- Micro molding
- Ceramic injection molding
- Multi-shot liquid silicone rubber
- Lenses
- Phillips' Vuecoat™ process
- In-mold decorating
- Molded interconnect devices
- Phillips' FORM/INTEGREL process
- Complete secondary finishing

Culture

Phillips Plastics is committed to technology improvements and enhancements, but equally important is our commitment to the education, training, and advancement of our people. It is this blend of people talent and technological innovation that enables Phillips Plastics to provide total solutions from design through distribution.

Future Growth

Believing in the strong tie between research, development, and growth, Phillips Plastics supports these efforts with their dedicated Technology Center and Origen® Center to incubate and develop new technologies. In addition, the Company places high value on future growth with its commitment to equipment and training. Phillips Plastics purchases manufacturing and assembly equipment with the latest advancements in technology and dedicates a percentage of payroll to the training of our people to ensure we remain a leader in technology and innovation.

Global Solutions

In addition to exporting over \$60 million of shipments annually for its customer base, Phillips has expanded its global presence by forming strategic partnerships with international tooling, manufacturing, assembly, and warehousing companies. Phillips Plastics adheres to a thorough selection process with strict criteria when choosing global partners to meet the Company's high standards for innovation, quality, confidentiality, value, and service.

Phillips Plastics Locations

Manufacturing Facility	Location	Square Feet	Number of Presses	Tonnage Range
Custom	Phillips, WI	172,200	50	7 - 935
Design Development Centers	Hudson, WI	40,400	11	40 - 250
	Sunnyvale, CA	1,700	--	--
Magnesium Injection Molding	Eau Claire, WI	55,000	7	220 - 850
Metal Injection Molding	Menomonie, WI	30,200	7	33 - 110
Micro Molding	Menomonie, WI	1,000	2	20
Multi-Shot	Eau Claire, WI	76,800	36	100 - 500
Phillips Automotive	Medford, WI	94,500	18	60 - 200
Phillips Medical	Menomonie, WI	120,000	40	20 - 300
	New Richmond, WI	47,000	32	20 - 400
Phillips Plastics Resource Centers				
Corporate Center	Phillips, WI	10,300	--	--
Operations Center	Eau Claire, WI	23,300	--	--
Origen® Center	Menomonie, WI	47,400	1	50
Technology Center	Prescott, WI	35,600	1	67

Quality System Registration Status

Facility	Standard	Certificate Number
Custom	ISO 9001:2008 TS-16949:2009 ISO 14001 ISO 13485:2003	FM 554371 TS 554369 EMS 93521 FM 545135
Design Development Centers (Hudson and Sunnyvale)	ISO 9001:2008 ISO 13485:2003	FM 549894 FM 549895
Magnesium Injection Molding	ISO 9001:2008 ISO 14001	CERT-03313-2003-AQ-HOU-ANAB EMS 93521
Metal Injection Molding (includes Ceramic Injection Molding)	ISO 9001:2000 TS-16949:2002 ISO 14001	CERT-07263-2004-AQ-HOU-RAB CERT-02118-2004-AQ-HOU-IATF EMS 93521
Multi-Shot	ISO 9001:2008 TS-16949:2009 ISO 14001 ISO 13485:2003	FM 511894 TS 560524 EMS 93521 FM 511929
Phillips Automotive	ISO 14001	EMS 93521
Phillips Medical-Menomonie (Includes Micro Molding)	ISO 9001:2008 ISO 14001 ISO 13485:2003 FDA - 21CFR Part 820 FDA - 21CFR Part 210/211 State of Wisconsin Pharmacy License (Manufacturing)	FM 89437 EMS 93521 FM 89438 2134945 3002919960 382-044
Phillips Medical-New Richmond	ISO 9001:2008 ISO 13485:2003 FDA - 21CFR Part 820 ISO 14001	FM 89441 FM 78065 2134946 EMS 93521



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