

Production Facility

ISO 9001 CERTIFIED

Polyply Composites is located on the Eastern shore of Lake Michigan in Southwestern Michigan. Our 60,000 square foot facility is 40 miles West of Grand Rapids and is about a three hour drive from Detroit or Chicago.

Compound Capabilities

Our manufacturing capabilities are fully integrated, beginning with bulk delivery of raw materials for production of SMC's, BMC's and Wet Molding Mixes. Molding materials used at Polyply Composites are engineered and formulated by our staff to meet specific requirements and needs. We also offer our molding compounds to other molders.

- Ashcraft 24" SMC Machine
- 250 Gallon Baker Perkins BMC Mixer
- 14 Gallon sample BMC Mixer
- Three 25 HP Cowles High Shear Blenders
- 1.5 HP Cowles Dissolver
- Pultrusion Technology 2408 Pultrusion Machine

Press Molding Capabilities

Polyply Composites has 16 compression molding presses equipped to provide steam or electric heat for processing fiberglass reinforced thermoset materials. All presses have hydraulic and mechanical knockout capabilities.

Molding Press Information				Bed Size	Open Height	Stroke
Press 1	150 Ton	Dake	48 x 72	58	54	
Press 2	150 Ton	Dake	48 x 72	58	54	
Press 3	75 Ton	Dake	36 x 50	48	47	
Press 4	500 Ton	Wood	80 x 116	82	60	
Press 5	150 Ton	Dake	40 x 130	40	37	
Press 6	860 Ton	Erie	68 x 86	64	54	
Press 7	250 Ton	Erie	37 x 54	71	59	
Press 8	150 Ton	Erie	37 x 56	81	63	
Press 9	300 Ton	Leopold	18 x 168	20	20	
Press 10	600 Ton	Dake	60 x 115	84	76	
Press 11	462 Ton	Erie	50 x 124	34	24	
Press 12	400 Ton	Dake	76 x 101	58	50	
Press 13	1000 Ton	W&W	48 x 72	48	48	
Press 14	750 Ton	Lawton	60 x 86	84	72	
Press 15	850 Ton	W&W	60 x 80	66	36	
Press 16	1000 Ton	Erie	72 x 108	99	84	

Polyply Composites has secondary machining equipment to provide sheets, channels, and angles cut or sheared to customer specifications. We also have a full electrical and mechanical testing laboratory which is integrated into our quality control program and can also provide special customer testing.