

SPI Industries: Injection Molding

19850 State Line Road

South Bend, Indiana 46637

Phone: 574-272-3733 • **Fax:** 574-272-7626

Email: info@moldedparts.com • **Website:** www.spi-industries.com



Custom Injection Molding

SPI's Injection Molding specialty relies on our in-house expertise. We can meet any of your custom injection molding needs with a variety of plastics including ABS, nylon, polycarbonate, and PVC. Our facility is equipped with various size presses, ranging in tonnage from 85 tons to 610 tons of clamp force and has shot capacities ranging from 1.3 oz to 80 oz. We design and produce custom injection molded finished products and parts for direct shipment to retail distribution chains or to our valued customer's warehouses. We produce standard and custom products for various industries including Freight Securement, Emergency Vehicles, Safety, Agricultural, Musical Instrument Cases, Electronic (Thin-Wall) components, Plumbing/Fluid handling and Hand Tools.

Molded materials: Both natural, pre-blended and color/blend in house

ABS

ABS/Nylon6 Alloy

Acetal

Nylon 6/6 and 6 and mineral filled

PPA

PC

PC/ABS

PC/ABS Alloy

PP

PE

PEI

PES

PPU

PPS

PVC (both rigid & flexible)

Styrene

TPE

TPU (some with phosphorescent additives)

TPR

>>>Over 100 colors to date and counting!

Product Examples

Electronic test burn in sockets, hand nozzle grips for firefighting, various industrial plumbing applications (grates, troughs, fittings, seals), Chemical closure and valve devices for the agri-chem business sectors, reflectors/lenses/gears for construction/public safety visual alert systems, respirator masks, hand tool handles, carrying cases to secure devices or musical instruments, boxes to enclose items as batteries, various types of freight securement products, packaging closures for the retail market and pucks for retail closure packaging

Industries served

Freight Securement, Emergency Vehicles, Safety, Agricultural, Musical Instrument Cases, Electronic (Thin-Wall) components, Plumbing/Fluid handling and Hand Tools

Warehouse space / locations

Two warehouses on site in South Bend.

Specialty Services

Design / Feasibility: Assist your engineers in reviewing your initial part design, make CAD modifications, run FEA/CFD analysis for molding capabilities

Prototypes: Develop rapid prototype (fit or functional), soft tooling, single cavity pull ahead tooling

Short Term Runs: Assist in over capacity situations, will complete necessary QA checks to insure flawless results

Take-over tooling/production responsibility: Assist in multi-level company support from reviewing tooling capabilities to overseeing tooling repairs, running tooling at our locations to assisting in company mentoring during restructuring.

Strategic Partners / Third Party Logistics: Have SPI manage your complete design/build/package/storage/ship value stream while you are out in the market place selling your ideas!

Certifications & Awards

ISO 9001:2008 Certificate # 2005-028 from AMTec, 1999 & 2001 Monsanto Company Supplier Quality Recognition Award.

Machine Listing

SPI INDUSTRIES INJECTION MOLDING MACHINE LISTING

No.	Tons	Oz.	Make	Year	Tie Bar Opening	Max Daylight	Clamp Stroke	Mld hgt. Min - Max	Eject Stroke	Core Pulls	Platen size	Locati
101	85 Tg	4.6	Niigata	1992	14.1 x 14.1	26.7	11.8	6.7 - 14.9	2.9	Yes	20.8 x 20.8	SPI
102	85 Tg	4.5	Niigata	2000	14.1 x 14.1	26.7	11.8	6.7 - 14.9	2.9	Yes	20.8 x 20.8	SPI
103	55 EL	1.31	Niigata	2003	12.6 x 12.6	22.83	9.84	6.3 - 12.99	2.76	No	18.5 x 18.5	SPI
104	55 Tg	3.1	Niigata	1991	12.2 x 12.2	22.8	9.8	6.3 - 13	2.7	No	18 x 18	SPI
105	110 EL	3.42	Cincy	2000	16.14 x 16.14	31.5	13.78	5.7 - 17.7	3.94	No	24.0 x 24.0	SPI
106	110 EL	4.5	Niigata	2000	16.1 x 16.1	29.8	13.7	7.8 - 16.1	3.1	Yes	24 x 24	SPI
107	310 EL	23.81	Niigata	2005	24.8 x 24.8	48.03	23.62	9.84 - 24.41	5.12	No	36.61 x 36.61	SPI
111	330 Tg	31.7	CMP	1998	22.8 x 22.8	41.6	19.6	9.8 - 22	4.9	Yes	34.2 x 34.2	SPI
112	363 Tg	30.4	Negri Bossi	2010	25.98 X 23.62	54	25.2	8.7 - 28.74	8.7	Yes	39.4 x 36.7	SPI
113	200 Tg	16	CMP	1998	18.1 X 18.1	33.4	16.75	7.9 - 16.9	3.9	Yes	26 x 26	SPI
114	55 Tg	3.1	Niigata	1992	12.2 x 12.2	16	9.8	6.3 - 13	2.7	No	18 x 18	SPI
115	90 Tg	5.4	CMP	1998	13.8 x 13.8	22.4	10.6	5.9 - 11.8	2.5	Yes	27 x 27.5	SPI
201	401 EL	37.3	Negri Bossi	2005	27.9 x 24.8	57.4	27.9	11.8 - 29.5	10.8	Yes	42.1 x 42.1	SPI
202	419 Tg	59.7	HTW	2007	30.7 x 30.7	59.8	29.1	12.9 - 30.7	7.9	Yes	46.4 x 46.4	SPI
203	309 Tg	27.3	HTW	2007	25.9 x 25.9	49.6	23.6	9.8 - 25.9	6.3	Yes	37.6 x 37.6	SPI
301	500 Hy	54	Cincinnati	1996	34.3 x 34.3	51.1	40.2	15 - 25	5.8	Yes	48 x 48	SPI We
302	528 Tg	75	HTW	2008	32.2 x 31.4	61.4	30.7	12.6 - 30.7	7.8	Yes	47.5 x 47.5	SPI We
303	401 Tg	37.3	Negri Bossi	2010	27.9 x 24.8	39.7	27.9	11.8 - 29.5	10.8	Yes	42.8 x 38.9	SPI We
304	595 Tg	80	Negri Bossi	2009	35.4 x 31.4	68.8	35.4	11.8 - 33.4	11.8	Yes	54.5 x 49.6	SPI We
305	390 Tg	63	Toshiba	1999	31.8 x 31.8	49.2	37	11.8 - 25	4.9	No	43.3 x 43.3	SPI We