



Molding Capabilities

Molding Lines	Plate Size	Mold Depth	Weight Range
2 B&P 16X20 Matchblomatic	16" X 20"	6" cope 6" drag	1- 40 lbs.
1 Sinto FBO-X 20X24	20" X 24"	8" cope 8" drag	1-75 lbs.
1 Sinto FBO-V 32X32	32" X 32"	12" cope 12" drag	25-200 lbs.
2 Disamatic 2013A	18.90" X 23.62"	4.73" - 13.00"	1- 60 lbs.

Core Room Capabilities

Core Line	Model / Size	Binder System	Catalyst
Cold Box	Gaylord 24	Phenolic Urethane	Amine Gas
Cold Box	Sinto SCC90	Phenolic Urethane	Amine Gas
Cold Box	Redford 22	Phenolic Urethane	Amine Gas
Cold Box	Palmer Continuous Mixer	Phenolic Urethane	Liquid
Shell	U180	Resin Coated Sand	Heat
Shell	Redford 43	Resin Coated Sand	Heat
Shell	Minamatic TR-B	Resin Coated Sand	Heat
Shell	Minimatic BTR-SX	Resin Coated Sand	Heat
Warm Box	Redford 22	Furan Warmbox	Liquid / Heat

* Cores can be purchased from our approved outside vendors if tooling will not transfer to one of these lines.

Irons Poured

Gray Iron

Material Specification	Iron Class					
	CL20	CL25	CL30	CL35	CL40	CL45
ASTM A48						
ASTM A159	G1800	G2500	G3000	G3500	G4000	
ASTM A126		Class A	Class B	Class C		
EN 1561		EN-GJL-150	EN-GJL-200	EN-GJL-250	EN-GJL-300	
JIS G5501		FC150	FC200	FC250	FC300	FC350
SAE J431	** Grades upon agreement of properties **					

Seperately cast A & B test bars

Ductile Iron

Material Specification	Iron Class					
	60-40-18	65-45-12	80-55-06	100-70-03	120-90-02	
ASTM A536						
ASTM A395	60-40-18					
SAE J434	D4018	D4512	D5506	D7003		
EN 1563	EN-GJS-400-18 LT	EN-GJS-450-15	EN-GJS-450-10	EN-GJS-500-7	EN-GJS-600-3	EN-GJS-700-2
JIS G5502	FCD 400-18	FCD 450-10	FCD 500-7	FCD-600-3	FCD-700-2	FCD 800-2

Seperately cast Keel & Y-block test bars

Austempered Ductile

Material Specification	Iron Class				
	130-90-09	150-110-7	175-125-04	200-155-02	230-185-01
ASTM A897					

Seperately cast Keel & Y-block test bars

Hi Silicon Molybdenum (SiMo)

Material Specification	
Hi Sil	
SAE J2582 SiMo	** Grades upon agreement of properties **
EN-GJS-SiMo	

Seperately cast Keel & Y-block test bars