

Compare Schultheiss Casting Machines

Compare our casting machine's power levels, formats, and configuration options.



Technical Data	VPC 040	VPC Pure	VPC 100 Power	VPC 100 Supreme
Space Requirements	20" x 23" x 22"	30"x 34" x 44"	32" x 38" x 50"	32" x 38" x 50"
Level of Production	Low to Medium	Medium to High	High	High
Cycle Times	3-5 minutes	3-5 minutes	3-5 minutes	3-5 minutes
Power Requirements	230v Single-Phase, 3.5kW	400v Three-Phase 50/60Hz, 11kW	400v Three-Phase 50/60Hz, 13kW	400v Three-Phase 50/60Hz, 16kW
Amps	16A	16A	18A	23A
Water Requirement	60psi min, 90psi max	60psi min, 90psi max	60psi min, 90psi max	60psi min, 90psi max
Air Requirement	Not Required	6 bar (90psi)	6 bar (90psi)	6 bar (90psi)
Inert Gas Requirement	Argon 4-6 bar (60-90psi)	Argon 4-6 bar (60-90psi)	Argon 4-6 bar (60-90psi)	Argon 4-6 bar (60-90psi)
Vacuum Pump Included	20m ³	40m ³	40m ³	40m ³
Max Flask Size	4x4"	5x12"	6x15"	6x15"
Min Flask Size	3.5x4"	4x4"	4x4"	4x4"
Max Crucible Capacity 18K	500g	2500g	2500g	2500g
Min Crucible Capacity 18K	50g	50g	50g	50g
Max Temp - S Type Thermocouple	1400°C (2552°F) S-Type Thermocouple	1400°C (2552°F) S-Type Thermocouple	1400°C (2552°F) S-Type Thermocouple	1400°C (2552°F) S-Type Thermocouple
Max Temp - K Type Thermocouple	1100°C (2012°F) K-Type Thermocouple	1100°C (2012°F) K-Type Thermocouple	1100°C (2012°F) K-Type Thermocouple	1100°C (2012°F) K-Type Thermocouple
Vibration	Yes	Yes	Yes	Yes
Alloying Capabilities	Yes	Yes	Yes	Yes
Max Pressure	2 bar (30psi)	3 bar (45psi)	3 bar (45psi)	3 bar (45psi)
Differential Pressure Casting	Yes	Yes	Yes	Yes
Injection Casting	No	Yes	Yes	Yes
Mixing Booster	Yes	Yes	Yes	Yes
Graining Attachment	No	Yes	Yes	Yes
Net Weight	132lbs	441lbs	530lbs	530lbs
Shipping Weight	276lbs	660lbs	770lbs	770lbs