

3.4 Technical data for PowrCoat units

	PowrCoat 1045	PowrCoat 1064	PowrCoat 1072
Model Number			
Cart	05331045C	05331064C	05331072C
Pressure Ratio			
	45:1	64:1	72:1
Max. operating pressure			
	4500 PSI (310 bar)	6400 PSI (441 bar)	7200 PSI (496 bar)
Max. air inlet pressure			
	100 PSI (6.9 bar)	100 PSI (6.9 bar)	100 PSI (6.9 bar)
Cycle rate per gallon / liter			
	15 / 3.9	20 / 5.3	22.5 / 5.9
Volume per double stroke			
	253.8 cc (15.5 in ³)	188.5 cc (11.5 in ³)	167.1 cc (10.2 in ³)
Max. volume flow @ Cycles per minute (CPM)			
60 CPM	4.02 gal (15.22 l)/min	2.98 gal (11.28 l)/min	2.66 gal (10.07 l)/min
90 CPM	6.03 gal (22.83 l)/min	4.72 gal (17.87 l)/min	3.99 gal (15.10 l)/min
Fluid inlet / outlet			
Inlet	3/4" NPT (F)	3/4" NPT (F)	3/4" NPT (F)
Outlet	3/4" NPT (F)	3/4" NPT (F)	3/4" NPT (F)
Hose connection			
	3/8" NPSM (M)	3/8" NPSM (M)	3/8" NPSM (M)
Approximate air requirement (SCFM) per gallon of output @ 100 PSI (6.9 bar) air pressure			
	43 SCFM (1.22 m ³ /min)	57.7 SCFM (1.63 m ³ /min)	64.9 SCFM (1.84 m ³ /min)
Air inlet			
	3/4" NPT (M)	3/4" NPT (M)	3/4" NPT (M)
Max. sound pressure level			
	98 dB*	98 dB*	98 dB*
Weight			
Cart	195 lbs (88.4 kg)	193 lbs (87.5 kg)	194 lbs (88.0 kg)
Max. viscosity			
	50.000 mPa·s	50.000 mPa·s	50.000 mPa·s
Dimensions L x W x H			
Cart	33.5" x 31.35" x 539.9" (85.09 cm x 79.63 cm x 136.90 cm)	33.5" x 31.35" x 539.9" (85.09 cm x 79.63 cm x 136.90 cm)	33.5" x 31.35" x 539.9" (85.09 cm x 79.63 cm x 136.90 cm)
Max. temperature of pre-heated coating material			
	160° F (71° C)	160° F (71° C)	160° F (71° C)
Filter insert (standard equipment)			
	60 mesh, 97 cm ² (15 ln ²)	60 mesh, 97 cm ² (15 ln ²)	60 mesh, 97 cm ² (15 ln ²)

* Place of measurement: 1 m distance from unit and 1.60 m above reverberant floor, 120 bar (12 MPa) operating pressure.