



				
Type	PA-Series conveyor	T-Series conveyor	H-Series conveyor	Precision Zone
Size	1000 / 1500 / 2000 / 2500mm	500 / 750 / 1000 / 1250mm	500 / 750 / 1000 / 1250mm	250mm
Fly Height	80 - 150 microns	80 microns	30 microns	25 microns
Input Pressure	145 kPa	145 kPa	145 kPa	140 kPa
Input Pressure Flow	50 SLPM / meter of rail	24 SLPM / meter of rail	33 SLPM / meter of rail	10 SLPM @ 25 microns fly height
Input Vacuum	N/A (no vacuum)	50.8 mm H2O	50.8 mm H2O	45.5 in H2O
Input Vacuum Flow	N/A (no vacuum)	16 SLPM / meter of rail	97 SLPM / meter of rail	6.3 SLPM @ 25 microns fly height
Fly Height Range	100 - 150 microns	20 - 120 microns	20 - 50 microns	25 microns
Fly Height Control	N/A (conveyance only)	±25 microns	±15 microns	±5 microns
Air Film Stiffness	N/A (conveyance only)	0.04 N/micron	0.10 N/micron	0.23 N/micron
Stability	N/A (conveyance only)	±5 nanometer	±5 nanometer	±1 nanometer
Length	1000 / 1500 / 2000 / 2500 mm	500 / 750 / 1000 / 1250mm	500 / 750 / 1000 / 1250mm	250mm
Width	45 mm	100 mm	100 mm	76 mm
Height	93.3 mm	42.85 mm	42.85 mm	50 mm
Weight	3.68 kg/m	3.85 kg/m	4.85 kg/m	1.4 kg
Bearing Surface Flatness	0.15 mm	0.025 mm	0.025 mm	0.002 mm
Viable Pressure Range	3.48 - 275.79 kPa (0.5 - 40.0 psi)	3.48 - 275.79 kPa (0.5 - 40.0 psi)	3.48 - 275.79 kPa (0.5 - 40.0 psi)	20 - 324 kPa (3 - 47 psi)
Maximum Pressure Supply	275.70 kPa (40.0 psi)	275.70 kPa (40.0 psi)	275.70 kPa (40.0 psi)	324 kPa (47 psi)
Substrate Thickness	0.3 mm and up	0.3 mm and up	0.3 mm and up	0.5 to 5.0 mm
Maximum Substrate Speed	2.5 m/sec	2.5 m/sec	2.5 m/sec	2 m/sec