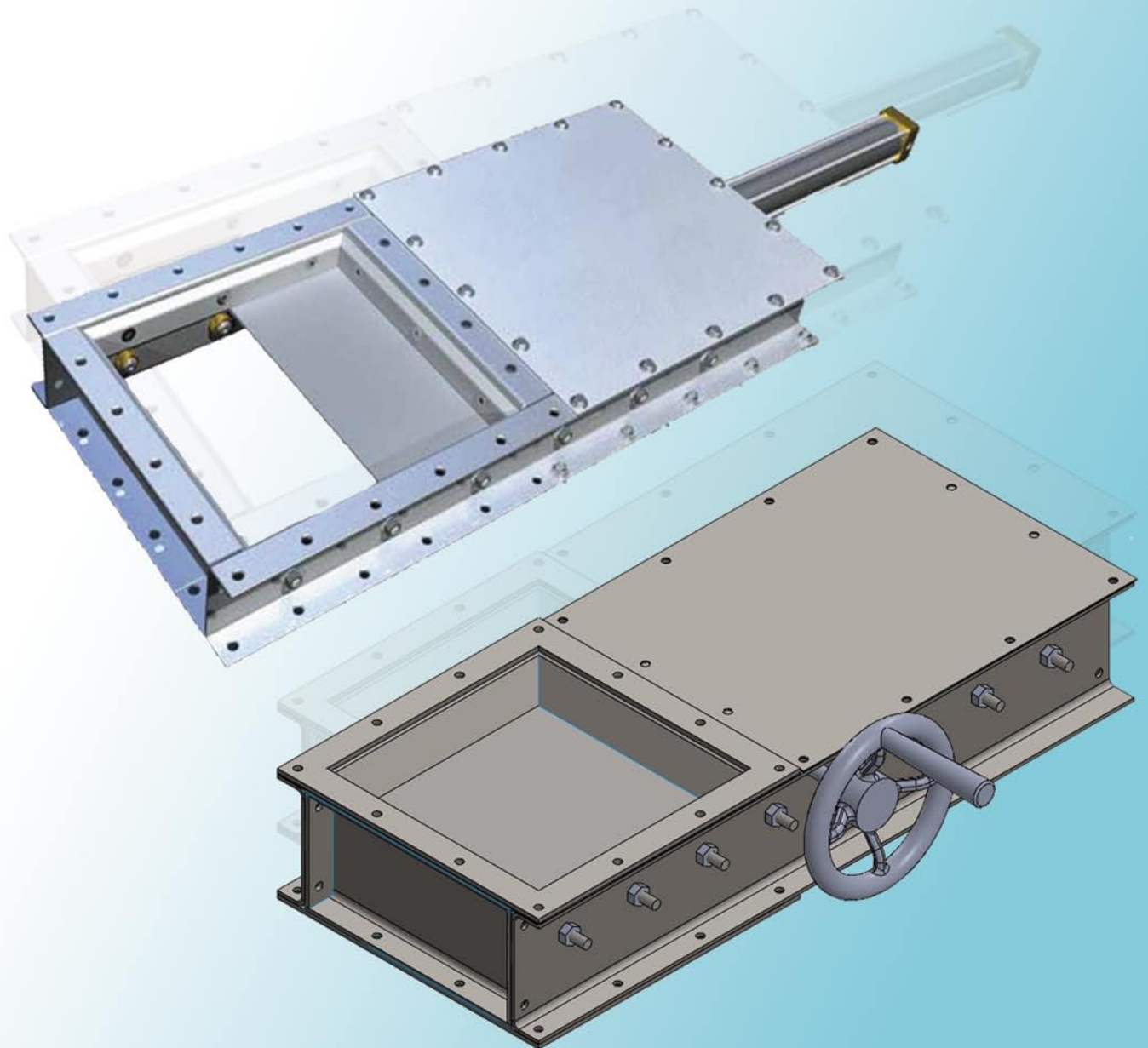
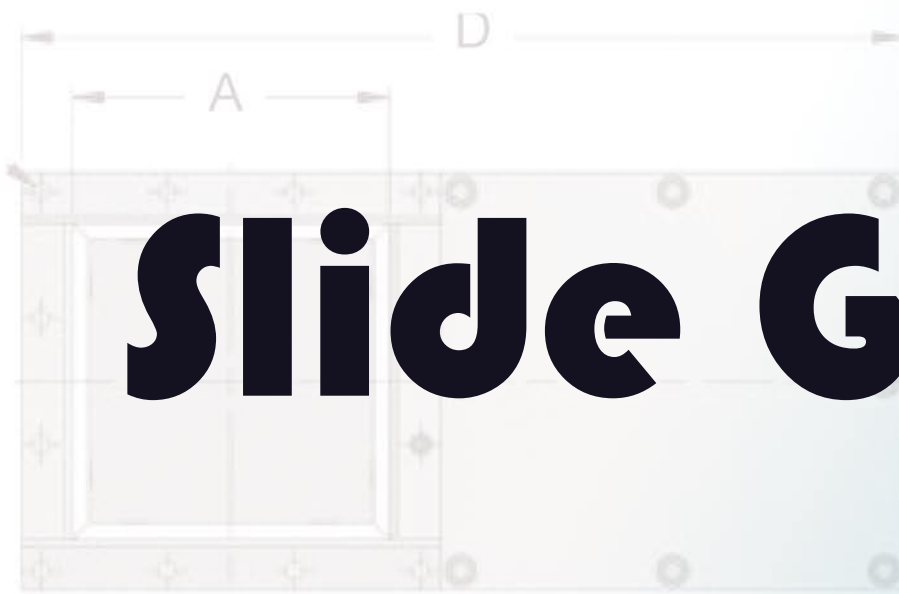
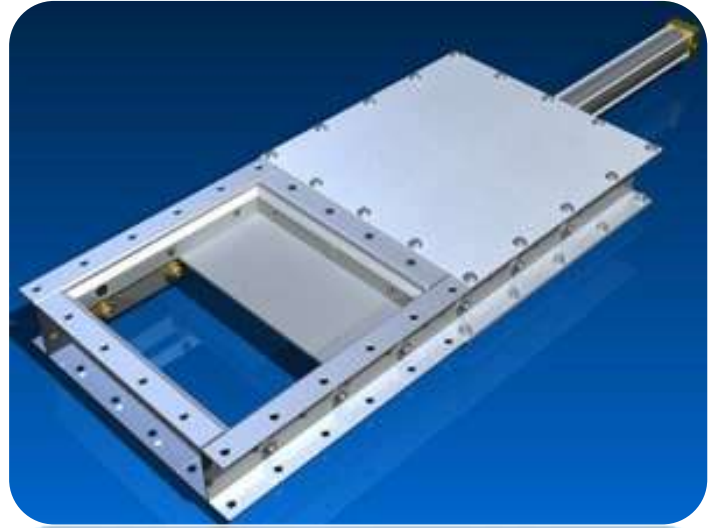
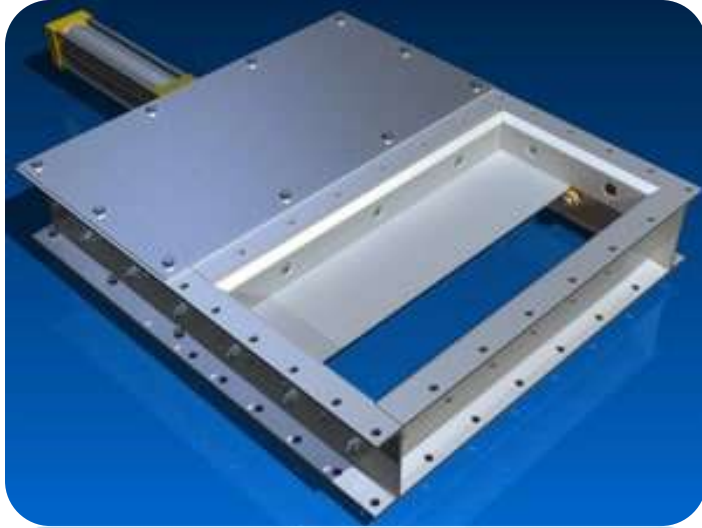


Slide Gates



SPY Slide Gates



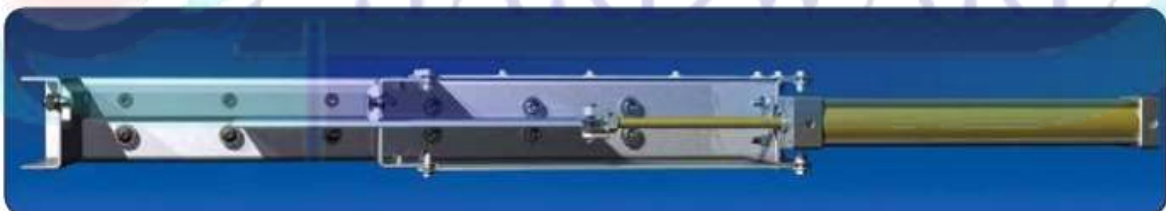
SPY pneumatic slide gates are used in a wide variety of applications. They can be used on the bottom of screw conveyors as intermediate discharges, below hoppers as cut off valves, or even as emergency shut off gates to stop material surges.

SPY's pneumatic slide gates use a pneumatic or air operated cylinder to actuate the slide plate open and close. Typically, shop air pressure (approximately 80 psi) is all that is required to power this multi-use slide gate. The slide plate is guided by bronze-bushed rollers on the bottom and ½ mm thick UHMW slide plate retainers on the top. The rollers require no grease and are adjustable in order to provide years of maintenance free service.

BENEFITS

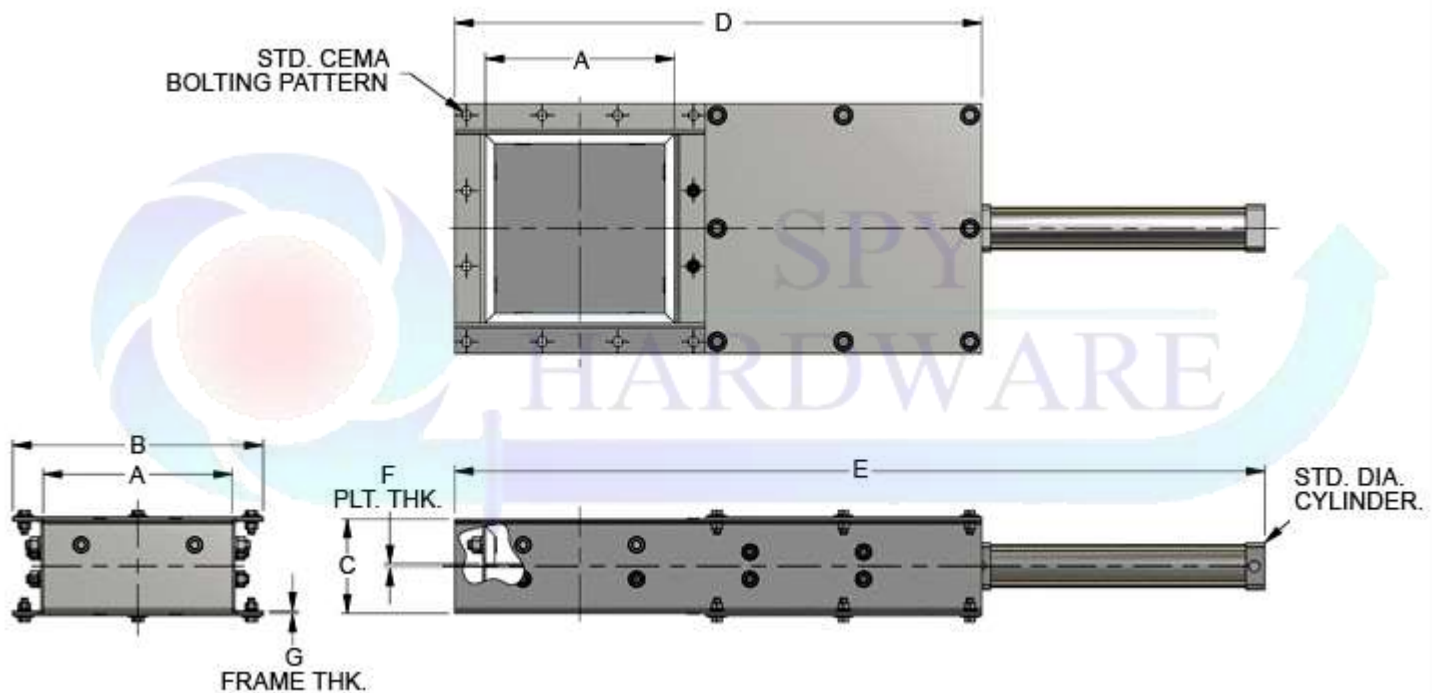
Compact Design – The SPY slidegate's compact design allows it to fit in almost any space. The height is only 150 mm and length and width are minimized using 3D CAD design technology. The compact, modular design allows for the integration of solenoids, filter/regulators, and position switches.

Versatile and rugged – Custom designed slide gates can be built to fit any application. The slide gate frame and slide plate can be fabricated from a wide variety of materials and thicknesses. Inlet and discharge transitions can be adapted to fit any opening configuration. Large diameter bore cylinders can be utilized for head loads and tough applications. This versatility allows the design to be custom tailored to fit any application and/or design conditions.



SPY Pneumatic Slide Gates

DIMENSIONAL STANDARDS

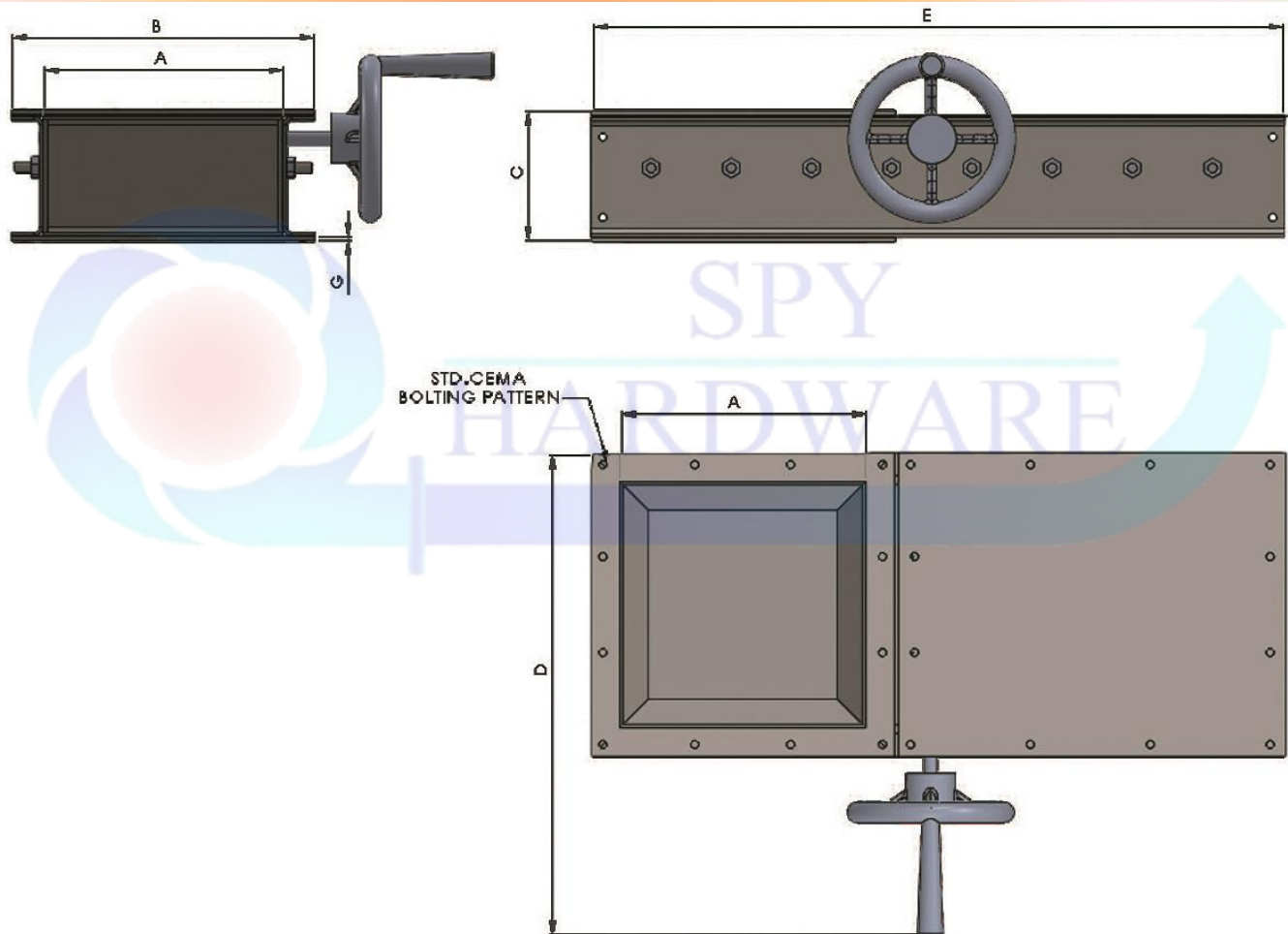


Dimension Chart (mm.)

SIZE	Part Number	A	B	C	D	E	F	G
6	PG150F	160	210	130	610	780	6	3
8	PG200F	210	280	150	665	950	6	3
10	PG250F	260	330	150	765	1155	6	4.5
12	PG300F	310	380	150	865	1300	6	4.5
14	PG350F	360	430	150	950	1450	6	4.5
16	PG400F	410	480	150	1065	1600	6	4.5
18	PG450F	460	530	150	1165	1700	6	4.5
20	PG500F	515	600	200	1450	2100	12	6
24	PG600F	610	705	200	1585	2370	12	6
TO ORDER								

SPY Manual Slide Gates

DIMENSIONAL STANDARDS



Dimension Chart (mm.)							
SIZE	Part Number	A	B	C	D	E	G
6	MG150F	150	186	130	283	610	3
8	MG200F	200	250	130	320	680	3
10	MG250F	250	330	130	380	830	4.5
12	PG300F	300	350	130	550	890	4.5
14	MG350F	350	400	130	610	980	4.5
16	MG400F	400	450	130	670	1100	4.5
18	MG450F	450	530	130	710	1230	4.5
20	MG500F	500	550	130	750	1290	4.5
24	MG600F	600	650	150	890	1515	4.5
TO ORDER							