

Scale Hopper



- Measures, transports and stores material
- Easy access design simplifies maintenance
- Handles a wide variety of bulk materials
- Designed to easily integrate with the Schenck Process scale diverter valve

Application

Scale hoppers are used with scale valves to measure, transport and store bulk solid materials. The inlet flange of the scale hopper is designed to match the Schenck Process scale diverter valve. A flanged conical top and a bolted inspection opening make it easy to perform maintenance on the hopper.

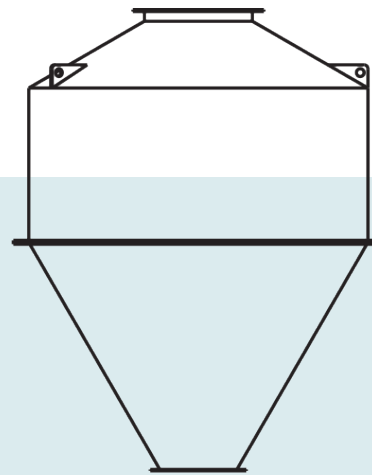
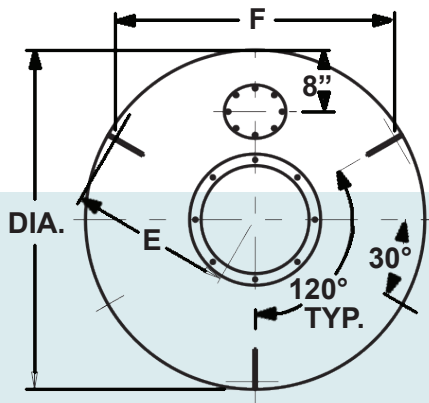
Features

- Carbon steel, 304 stainless steel or aluminum construction
- Scale support brackets
- Flanged conical top

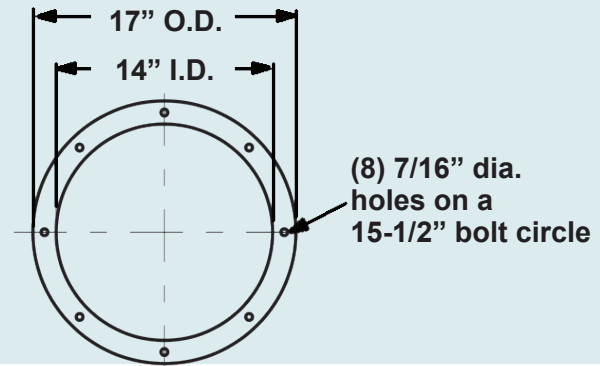
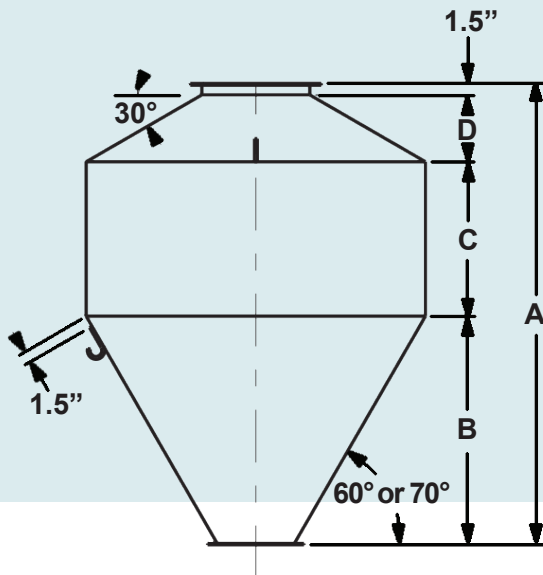
- Mounting for scale diverter
- Bolted inspection opening
- Plate flanges on air inlet, outlet and product discharge
- 8" inspection port

Options

- 316 stainless steel
- Pressure relief port with dust sock assembly
- Industrial gray epoxy coated interior
- CG24, 80 or 120 interior welds
- Cable suspension assembly
- Additional inlets



Flanged Cone



Inlet Flange Detail

Model	44" Diameter x 60" Hopper					44" Diameter x 70" Hopper				60" Diameter x 60" Hopper					
Capacity in Lbs. @ 35 Lbs./cu. ft.	500	750	1,000	1,250	1,500	750	1,000	1,250	1,500	1,000	1,500	2,000	3,000	4,000	5,000
Actual usable capacity (cu. ft.)	19	22	29	36	43	21	28	35	43	38	43	58	87	117	143
A	44.31	51.81	59.81	67.81	75.81	61.63	69.13	77.13	86.13	64.31	67.31	76.31	94.31	112.31	128.31
B	29.69	29.69	29.69	29.69	29.69	47	47	47	47	43.56	43.56	43.56	43.56	43.56	43.56
C	4.5	12	20	28	36	4.5	12	20	29	6	9	18	36	54	70
D	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	8.63	13.25	13.25	13.25	13.25	13.25	13.25
E	21	21	21	21	21	21	21	21	21	29	29	29	29	29	29
F	36.38	36.38	36.38	36.38	36.38	36.38	36.38	36.38	36.38	50.25	50.25	50.25	50.25	50.25	50.25
10 gauge weight	210	260	300	350	390	270	310	350	405	400	425	495	640	775	900
12 gauge weight	170	200	232	273	306	210	240	272	315	313	330	385	495	600	695
3/16" aluminum weight	100	118	137	161	181	124	142	161	186	185	196	228	293	355	412