



**SDI Sprayer, Models 300, 500,
600 & 1000-38KE25M**

Sprayer 300/500/600/1000-38KE25M

Item Number	Part Number	Description	Qty
1	15-056	Vent Assembly	1
2	15-053	Threaded Lid, 16"	1
3	16-203	Strainer Basket	1
4	15-055	C-Gasket	1
5	15-054	Threaded Rim, 16"	1
6	52-276	Slip Elbow 1" x 45°, PVC	1
7	53-204A	TOE Nipple 1" NPT x 4" NPT, PVC, 300 Gallon	1
7	53-208	TOE Nipple 1" NPT x 8", PVC, 500, 600 & 1000 Gal.	1
8	16-117	Tank Fitting 1" FPT, Poly	1
9	52-120	Elbow Adapter 1" MPT x 1" HB, Poly	1
10	24-116	Hose Clamp #16	4
11	21-938	Hose 1" ID 200 PSI, Per Foot	Specify
12	50-510HD	HD Street Elbow 3/4" NPT x 90°, Black	2
13	27-900	Pressure Gauge 0-1000 PSI	1
14	50-560B	Bushing 1/4" x 3/4" NPT, Brass	1
15	47-205	U-Bolt 5/16" NC	1
16	78-850	Pressure Relief Valve	1
17	11-149	Mounting Stand, Pressure Relief Valve	1
18	50-580SS	Plug 3/4" NPT, SS	1
19	47-103	U-Bolt 1/4" NC	1
20	50-540HD	HD Cross 3/4" NPT, Black	1
21	55-106	Adapter 3/4" MPT x 3/4" MGHT, Brass	2
22	55-311	Female Hose Coupling 3/4" HB, Brass	2
23	16-950	Teflon Packing, Per Inch, 300 Gallon	12"
23	16-950	Teflon Packing, Per Inch, 500 & 600 Gallon	17"
23	16-950	Teflon Packing, Per Inch, 1000 Gallon	24"
24	16-273	Packing Nut 13/16", 300 Gallon	1
24	16-275	Packing Nut 1", 500 & 600 Gallon	1
24	16-277	Packing Nut 1-3/16", 1000 Gallon	1
25	46-250	Shaft Key 1/4" x 2-1/2"	1
26	16-272	Packing Gland 13/16", 300 Gallon	1
26	16-274	Packing Gland 1", 500 & 600 Gallon	1
26	16-276	Packing Gland 1-13/16", 1000 Gallon	1
27	11-101	Vortex Baffle	1
28	24-104	Hose Clamp #4	2
29	16-282	Shaft Collar 13/16", 300 Gallon	2
29	16-283	Shaft Collar 1", 500 & 600 Gallon	2
29	16-284	Shaft Collar 1-13/16", 1000 Gallon	2

Sprayer 300/500/600/1000-38KE25M

Item Number	Part Number	Description	Qty
30	16-270	Agitator Bearing 13/16", 300 Gallon	1
30	16-291	Agitator Bearing 1", 500 & 600 Gallon	1
30	16-292	Agitator Bearing 1-13/16", 1000 Gallon	1
31	16-352	Agitator Shaft 13/16" x 54-1/2", 300 Gallon	1
31	16-551	Agitator Shaft 1" x 72", 500 Gallon	1
31	16-651	Agitator Shaft 1" x 86", 600 Gallon	1
31	16-1051	Agitator Shaft 1-13/16" x 100", 1000 Gallon	1
32	16-260	Left Agitator Paddle 13/16", 300 Gallon	4
32	16-262	Left Agitator Paddle 1", 500 & 600 Gallon	6
32	16-266	Left Agitator Paddle 1-13/16", 1000 Gallon	6
33	16-261	Right Agitator Paddle 13/16", 300 Gallon	2
33	16-263	Right Agitator Paddle 1", 500 & 600 Gallon	6
33	16-267	Right Agitator Paddle 1-13/16", 1000 Gallon	6
34	16-922	Clear Tubing 3/8" ID, Per Inch	Specify
35	16-100	Elbow Fitting, Sight Gauge	2
36	66-110	Agitator Pulley, 300 Gallon	1
36	66-111	Agitator Pulley, 500 & 600 Gallon	1
36	66-112	Agitator Pulley, 1000 Gallon	1
37	67-419	Agitator Belt, 5L410, 300 Gallon	1
37	67-440	Agitator Belt, 5L440, 500, 600 & 1000 Gallon	1
38	66-426	Engine Pulley	1
39	67-801	Belt 3VX800, Engine to Pump	4
40	66-419	Pump Pulley	1
41	66-096	Bushing R 1-3/8" Six Spline	1
42	63-038	Adapter Shaft 1-3/8" Six Spline	1
43	66-080	Bushing 1-3/8" Six Spline	1
44	66-137	Agitator Drive Pulley	1
45	24-204	Bandit Clamp JS204	4
46	66-082	Bushing 1-7/16"	1
47	11-320	Mounting Angle, Belt Guard	2
48	15-515	Belt Guard, 300, 500 & 600 Gallon	1
48	15-915	Belt Guard, 1000 Gallon	1
49	81-750	Discharge Hose 3/4" ID 800 PSI, Per Foot	Specify
50	50-520HD	HD Tee 3/4" NPT, Black	1
51	51-504HD	HD Nipple 3/4" NPT x 4", Black	1
52	50-563	Bushing 3/8" x 3/4" NPT, Black	1
53	78-037	Safety Valve	1
54	45-230	Adjusting Screw 1/2" NC x 2-1/2" Sq. Head	4
55	11-636	Adjusting Bolt	4

Sprayer 300/500/600/1000-38KE25M

Item Number	Part Number	Description	Qty
56	78-0038	Diaphragm Pump, 38 GPM	1
57	20-125	Engine, 25HP Kohler Electric Start	1
58	24-132	Hose Clamp #32	4
59	53-834	Adapter 1-1/2" NPT x 1-3/4" HB, PVC	3
	57-134	Suction Strainer Assembly 1-1/2" NPT (Includes Item Numbers 60-63)	1
60	57-135	Body 1-1/2" NPT	1
61	57-126	Gasket	1
62	57-128	Screen 30 Mesh	1
63	57-127	Bowl	1
64	51-801	Close Nipple 1-1/2" NPT, Galvanized	1
65	60-327	Ball Valve 1-1/2" NPT	1
66	51-804	Nipple 1-1/2" NPT x 4" Galvanized	1
67	47-208	U-Bolt 3/8" NC	1
68	50-880	Plug 1-1/2" NPT Galvanized	1
69	50-820	Tee 1-1/2: NPT Galvanized	1
70	21-935	Suction Hose 1-3/4" ID, Per Foot	Specify
71	16-256	Suction Flange 1-1/2" FPT	1
72	10-312	Frame, 300 Long	1
72	10-510	Frame, 500 Long	1
72	10-610	Frame, 600 Long	1
72	10-910	Frame, 1000 Long	1
73	10-303	Tank Hold Down Strap, 300 Gallon	4
73	10-501	Tank Hold Down Strap, 500 & 600 Gallon	4
73	10-901	Tank Hold Down Strap, 1000 Gallon	4
74	10-552	Front Saddle, 500 Gallon	1
74	10-652	Front Saddle, 600 Gallon	1
74	10-952	Front Saddle, 1000 Gallon	1
75	10-553	Rear Saddle, 500 Gallon	1
75	10-653	Rear Saddle, 600 Gallon	1
75	10-953	Rear Saddle, 1000 Gallon	1
76	11-191	Battery Box Assembly, Group 24	1
77	72-235	Positive Battery Cable Lead 36"	1
78	72-216	Negative Battery Cable Lead 18"	1
79	11-180	Fuel Tank	1
80	72-303	Fuel Tank Cap	1
81	15-304SG	Tank, 300 Gallon	1

NOTE: Item Numbers 22, 45 and 46 are pre-assembled at SDI factory.

Sprayer 300/500/600/1000-38KE25M

Item Number	Part Number	Description	Qty
81	15-500SG	Tank, 500 Gallon	1
81	15-600SG	Tank, 600 Gallon	1
81	15-900	Tank, 1000 Gallon	1
82	55-050	Rubber Washer	4
83	55-052	Nylon Washer	
The following items are not illustrated:			
	58-130	Sealer Kit 30" for mounting Item Numbers 26, 30, 35,&71	Specify
	55-053	Nylon Washer for mounting Item Number 35	2
	70-106	SDI Logo Decal, 300 Gallon	2
	70-110	SDI Logo Decal, 500, 600 & 1000 Gallon	2
	70-301	Caution Decal	1
	70-221	Top Sight Gauge Decal, 300 Gallon	1
	70-222	Bottom Sight Gauge Decal, 300 Gallon	1
	70-223	Top Sight Gauge Decal, 500 Gallon	1
	70-224	Bottom Sight Gauge Decal, 500 Gallon	1
	70-225	Top Sight Gauge Decal, 600 Gallon	1
	70-226	Bottom Sight Gauge Decal, 600 Gallon	1
	70-227	Top Sight Gauge Decal, 1000 Gallon	1
	70-228	Bottom Sight Gauge Decal, 1000 Gallon	1