

Semco® Model 1088 HD non-twist Semkit® package mixer

Description

The SEMCO® model 1088 HD non-twist SEMKIT® non twist package mixer provides complete automatic mixing of filled *Semkit* packages. Use of the mixer will minimize operator set up of the machine for different kit configurations, reduce worker fatigue, and assures the user a more thorough and consistent mix, kit to kit.

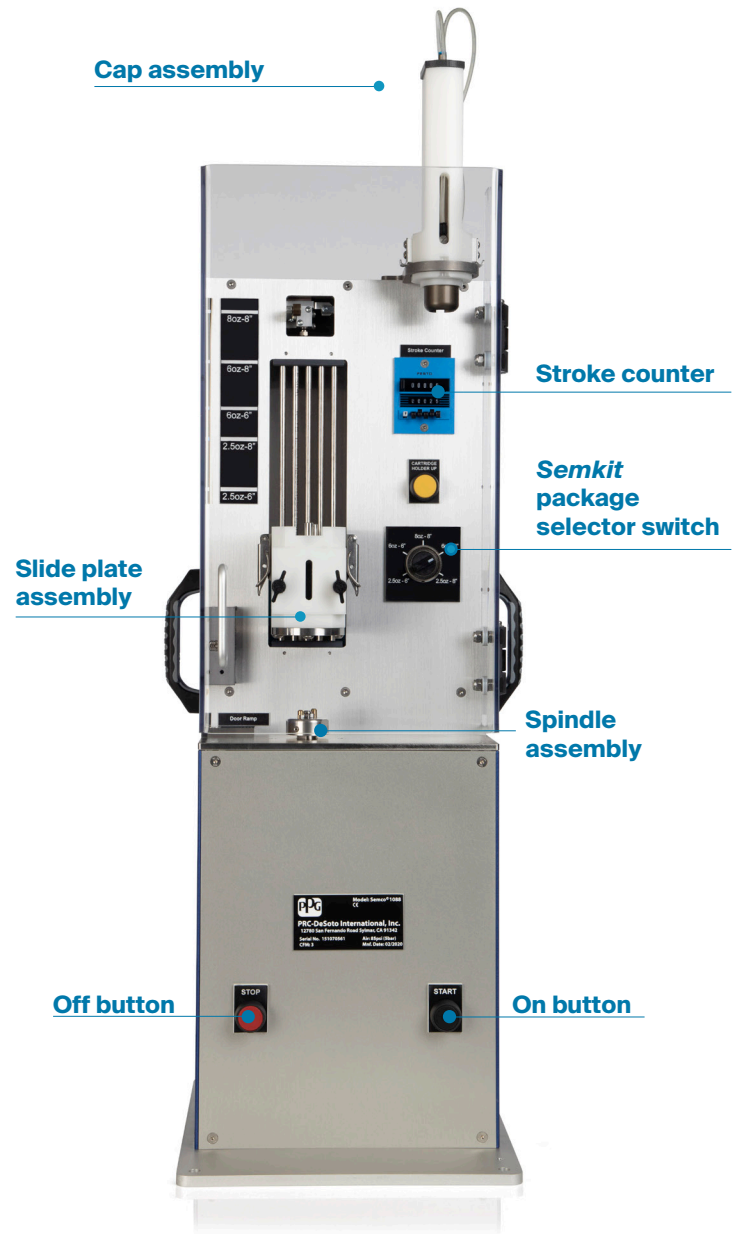
Features:

- Single switch adjustment to mix common aerospace *Semkit* and packages configurations including:
 - 2.5 oz. with 6" dasher rod
 - 2.5 oz. with 8" dasher rod
 - 6 oz. with 6" dasher rod
 - 6 oz. with 8" dasher rod
 - 8 oz. with 8" dasher rod
- Automatic injection of catalyst (injection style *Semkit* packages)
- Guarding door to ensure operator safety during mixing
- Stroke counter for improved consistency and quality
- Fully pneumatic non-electrical operation
- Heavy duty motor to manage very high viscosity materials

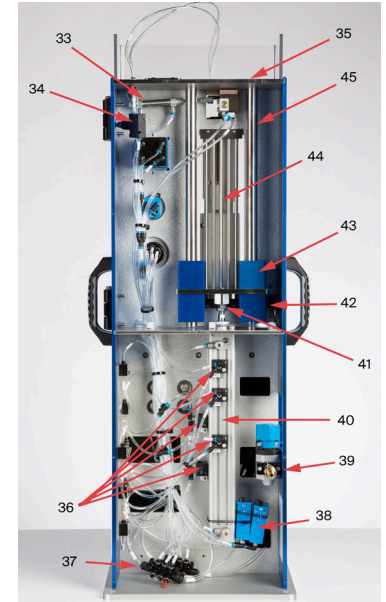
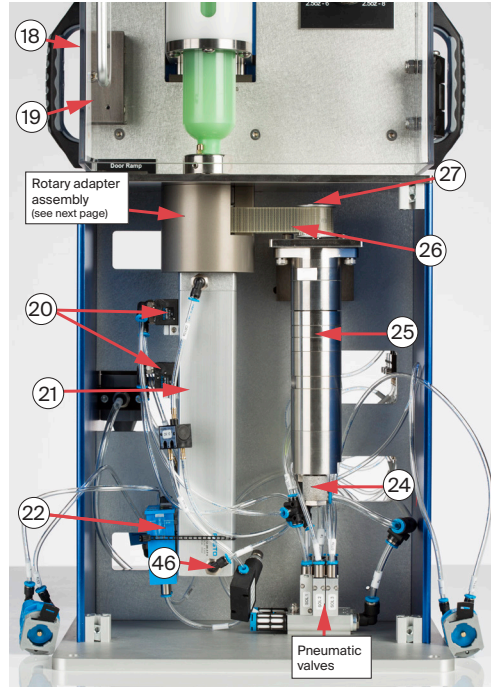
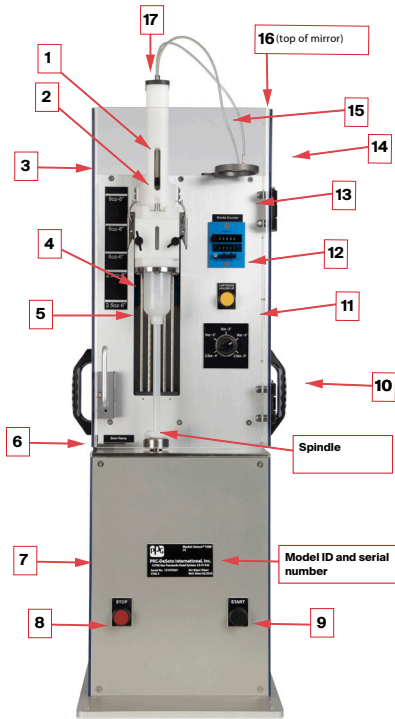
Technical details

- Door composed of polycarbonate (PC)
- Slide plate and cap assembly composed from acetal
- Minimum 3 cfm
- Operating requirements: 75 to 90 psi
- Dry shop air required
- Unloaded Spindle = 100 rpm
- High torque motor for thick materials

Part Number	Description
235190	Semco model 1088 HD non-twist auto mixer for <i>Semkit</i> packages.
235243	Retrofit kit for Semco model 1088 HD non-twist mixer



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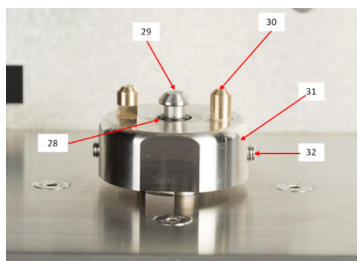


Rear view (no cover)

Item	Part number	Description
1	235200	Toggle switch lever
2	235243	Cartridge pusher assembly
3	235232	Semkit ruler
4	235202	Cartridge pusher pin
5	235221	HD Cartridge holder & door
6	Contact Semco	Door ramp
7	Contact Semco	Front door
8	235207	Stop button
9	235208	Start button
10	Contact Semco	Handle
11	235192	Selector switch kit
12	235205	Cartridge up button
13	235183	Stroke counter
14	235231	Front clear door hinges
15	Contact Semco	Cartridge pusher holder
16	235204	4 mm bulkhead fitting

Item	Part number	Description
17	235193 / 235229	Front clear door, handle only / door assembly
18	Contact Semco	Door magnet
19	235230	Safety door block
20	235184	Proximity sensor
21	235212	Injection cylinder assembly
22	Contact Semco	Injection rod timer
23	Contact Semco	Injection rod pressure regulator
24	235213	Speed throttle control
25	235186	Air motor
26	235187	Timing belt
27	235214	Pulley-18
46	235234	Flow control valve
Not Shown	235237	OR Gate
Not Shown	Contact Semco	Pneumatic tubing, 4mm
Not Shown	Contact Semco	Pneumatic tubing, 4mm

Item	Part number	Description
33	235206	Toggle cylinder
34	Contact PPG	Cartridge ram pressure regulator
35	92949A650	Shaft bolt (4) McMaster-Carr
36	235184	Proximity sensor
37	Contact PPG	Air manifold (2)
38	Contact PPG	Dome & plunger timer (2)
39	235217	OFF/ON air valve assembly
40	235216	Main air cylinder
41	Contact PPG	Floating joint
42	235210	Clear door safety switch
43	235211	Linear housing assembly (4)
44	Contact PPG	Safety cage (5)
45	235209	Shaft (2)
47	Contact PPG	Cartridge up pressure regulator



Spindle Assembly

Previously PN 235201 as twist cartridge pusher assembly is available

Item	Part number	Description	Source	Qty
28	235198	Injection rod seal (under spindle)	Semco	1
29	235233	Injection rod bolt (LH 4mm)	Semco	1
30	235189	Engagement pin	Semco	2
31	235199	Spindle	Semco	1
32	92785A332	10-32 set screw	McMaster-Carr	1

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