

**High Capacity Screen Shaker  
SV015**

Impact Test Equipment Ltd  
[www.impact-test.co.uk](http://www.impact-test.co.uk) & [www.impact-test.com](http://www.impact-test.com)

User Guide  
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Test Equipment Web Site

[www.impact-test.co.uk](http://www.impact-test.co.uk)

Test Sieves & Accessories Web Site

[www.impact-test.com](http://www.impact-test.com)

## Connection

Connect the machine to the electricity supply 220V 50Hz 1ph. The motor power is 750 Watt.



## Loading

The first screen can take 25kgs maximum weight with a sample size of 28 litres. In order to insert all the screens in their proper places, rotate the bars “A” counter-clockwise. After inserting the screens, rotate the bars clockwise again to hold the sieves in place.

## Operation

The machine is operated by an ON/OFF rocker switch on the side of the unit.

## Maintenance

The High Capacity Screen Shaker requires simple periodic maintenance. All the parts that are subject to wear are equipped with connectors for lubrication.

Periodically check the belt tension and replace if becomes too loose.

ITEM NO	PART NUMBER	AMOUNT
1	Body wallplate	1
2	Part of the upper bearing	2
3	Upper bedding of the part	4
4	Low bedding of the part	2
5	Piston Pin	2
6	Piston pin of the bush	2
7	Piston's pipe	2
8	Piston's Pipe's cap	2
9	Piston spring	2
10	Camshaft	1
11	Camshaft's left mounting rod	1
12	Camshaft's right mounting rod	1
13	Mounting rod bearing cap	2
14	Mounting rod bushing	2
15	Centring pipe	1
16	Centering pipe connection plate	1
17	Sieve centering pin	2
18	Inner mechanism tension spring plate	4
19	Inner mechanism tension spring	4
20	Pump attachment plate	1
21	Hhydraulic oil tank	1
22	Low bedding of the bush	2
23	The shaft protection foam from dust	2
24	Oil flow adjustment pin	1
25	Oil flow pressure pin	1
26	Left Hydraulic hose 1-4inç WP 400 size 640mm	1
27	Left Hydraulic hose 1-4inç WP 400 size 350mm	1
28	Oil flow adjustment extension pin	1
29	Oil flow adjustment rod	1
30	Oil pump arm's outlet plate	1
31	Tailboard of the plate	2
32	Side nipple cover plate	2
33	Body upper plate	1
34	Upper corner lama	1
35	Upper corner plate	1
36	Upper bearing mounting reinforcement plate	2
37	Body lower chassis plate	1
38	Lower chassis inner bearing long plate	2
39	Lower chassis inner bearing short plate	3
40	Lower chassis reinforcement	2
41	Lower chassis foot plate	2
42	Lower chassis foot plate	2
43	Lower chassis mounting foot plate	4
44	Engine and control panel	1
45	Control panel	1
46	Middle chassis lower right bracket	1
47	Middle chassis lower left bracket	1
48	Middle chassis mounting nut	1
49	Middle chassis right plate	5
50	Middle chassis left plate	5
51	Middle chassis attachment plate	5
52	Middle chassis upper right bracket	1
53	Middle chassis upper left bracket	1
54	Middle chassis supporting bend	3
55	Middle chassis mounting reinforcement plate	2
56	Middle chassis centering shaft	4
57	wedge of the part	1
58	Eccentric Sheave SPA 150-1 1610 06-07	1
59	Electric cable of the input part	1
60	Electric Engine QM 71 M4C H TEE Brand	1
61	Label	1
62	Reset Button	1
63	Start-Stop Button	1
64	M6 grease nipple	4
65	Motor Pulley	1
66	O ring	5
67	O ring	1
68	Pump OMFB Brand PMS 12	1
69	Ball Bearing JIB CSA 207	2
70	Lock Plate for Ball Bearing JIB E207	2
71	V-Belt Pulley	1
72	Ø5 Rivet	4
73	Allen screw M8 x 30	8
74	Setscrew M5 x 10	2
75	Fibered nut	4
76	Hexagon headed nut M16	1
77	Hexagon headed nut M12	4
78	Hexagon headed nut M10	34
79	Hexagon headed nut M5	36
80	Hexagon headed nut M10	1
81	Hexagon headed scw	9
82	Setscrew M5 x 8	6
83	Raised head star screws	44
84	Ball bearing 1204	2
85	Rove Ø17	6
86	Rove Ø9	4
87	Rove Ø13	8
88	Hexagon headed scw M12X120	4

