

SPE16E SUPER

Operating Manual



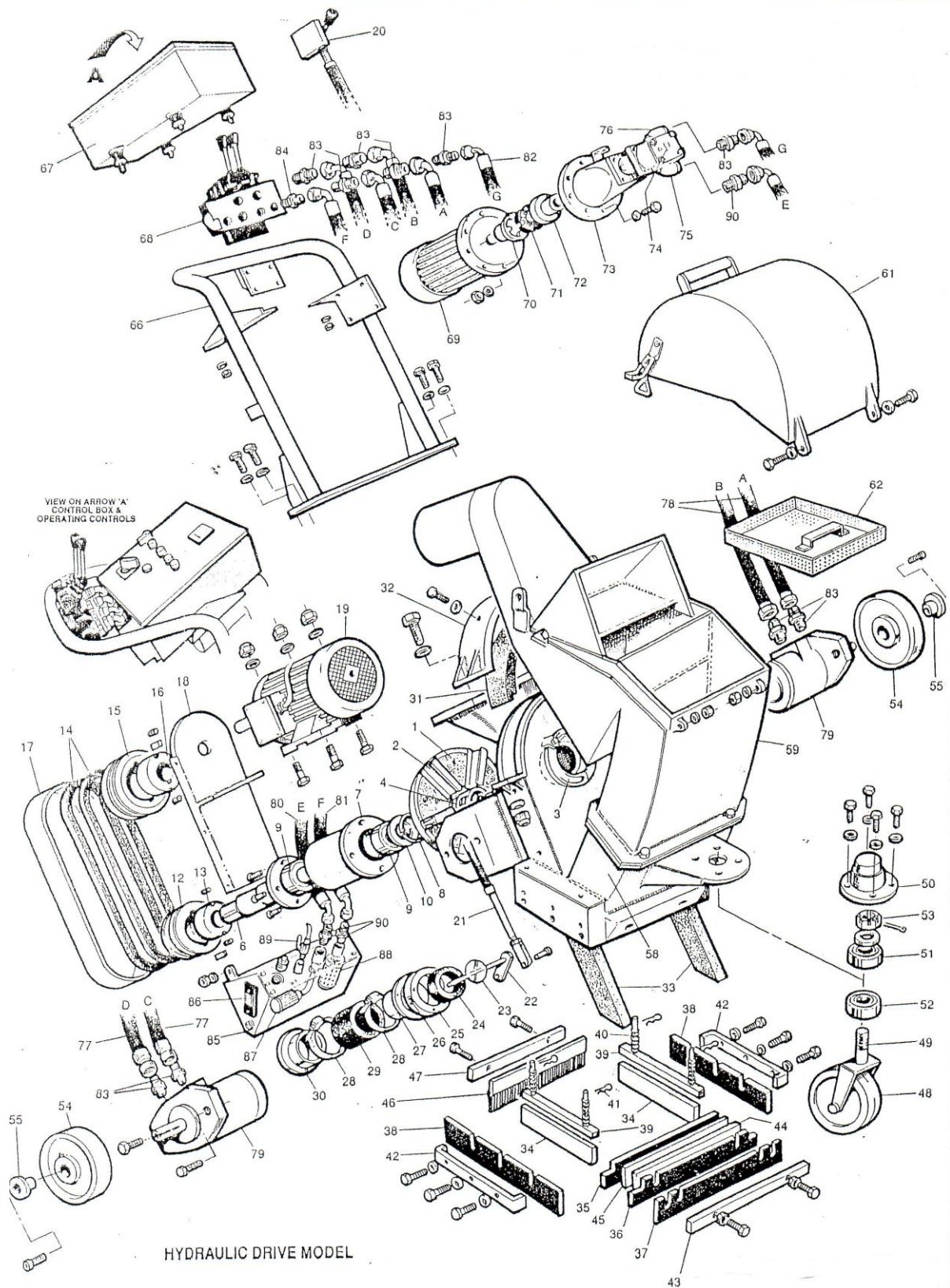
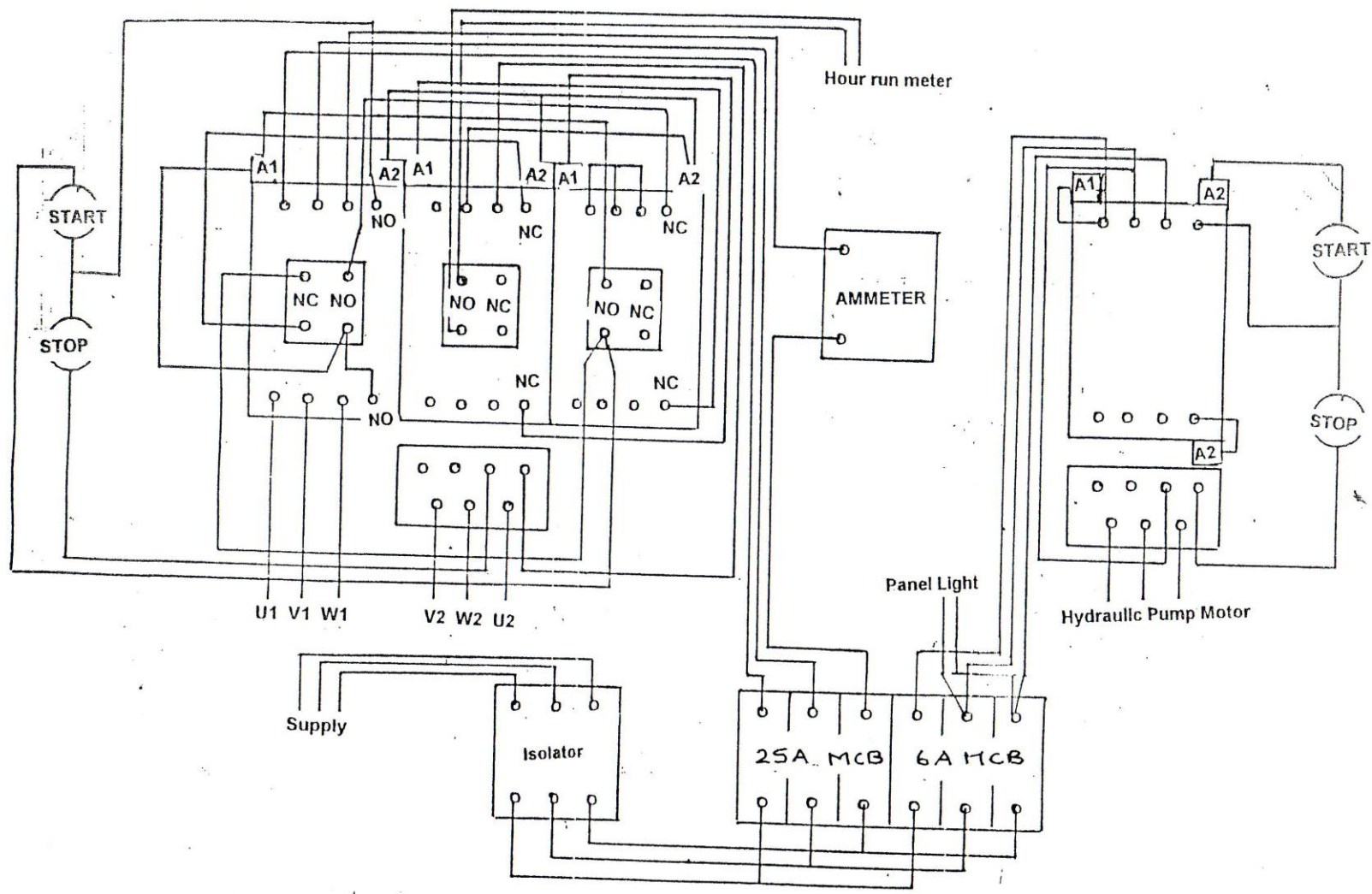




Fig no	Part no	Description	Fig no	Part no	Description
1	08000/16	Blast wheel	46	16/08017	Rear brush
2	16/08001	Blast wheel blades (7 per set)	47	16/08054	Rear brush retaining bar
3	08002/16	Control cage	48	07018/16	Front wheel
4	08003/16	Impellor	49	07019/16	Stub axle assy
5	08004/16	Impellor bolt & spring washer	50	07022/16	Hub
6	08006/16	Blast shaft	51	07021/16	Bearing upper
7	08032/16	Bearing housing	52	07032/16	Bearing lower
8	08033/16	Circlip	53	07033/16	Castleated Nut
9	08034/16	Bearing (2)	54	07034/16	Drive wheel (2)
10	08035/16	Retaining plate (front)	55	07035/16	Retaining hub (2)
11	08036/16	Retaining plate (rear)	56	09048/16	R/H wheel motor
12	16/08029	Pulley (blast shaft)	57	09049/16	L/H wheel motor
13	08037/16	Taper lock	58	16/07000	Main body
14	16/08028	Drive belt (3)	59	07002/16	Separator & hopper assy
15	16/08038	Pulley (blast motor)	60	16/07036	Baffle
16	08039/16	Taper lock	61	16/07037	Separator cover
17	16/08040	Belt guard	62	16/07038	Grille
18	16/08041	Belt guard base plate	63	16/07039	Handle
19	16/09019	Blast motor	64	16/09050	Electric drive control panel
20	08042/16	Shot valve control lever	65	09051/16	Enclosure (transformer)
21	08043/16	Control cable	66	16/07040	Handle
22	16/03025	Shot valve spindle	67	16/09025	Control panel
23	08044/16	Shot valve butterfly	68	09010/16	Steering & speed control valve
24	08045/16	Shot valve liner	69	16/09023	Hydraulic pump motor
25	08046/16	Shot valve body	70	09052/16	Motor coupling
26	08047/16	Oilite bush (2)	71	09053/16	Coupling spider
27	08031/16	Feed spout (hopper end)	72	09054/16	Pump coupling
28	08048/16	Hose clip (2)	73	09055/16	Bell housing
29	08049/16	Shot tube	74	09042/16	Hydraulic pump
30	08030/16	Feed spout (cage end)	75	09056/16	Port connector (inlet)
31	16/08010	Hood liner (cast manganese)	76	09057/16	Port connector (outlet)
32	16/08050	Hood liner cover	77	16/09013	Hydraulic hose (2) (R/H wheel motor)
33	16/08008	R/H side liner	78	16/09014	Hydraulic hose (2) (L/H wheel motor)
33	16/08009	L/H side liner	79	09009/16	Wheel motor (2)
34	08011/16	Steel side seal (2)	80	16/09015	Hydraulic hose (tank to pump)
35	16/08012	Inner front seal	81	16/09016	Hydraulic return hose (valve to tank)
36	16/08013	Intermediate front seal	82	16/09017	Hydraulic hose (pump to valve)
37	16/08014	Outer front seal	83	16/09058	½" B.S.P.M-M adaptor (10)
38	08015/16	Side skirt seal (2)	84	16/09059	½" x ¾" B.S.P.M-M adaptor
39	16/07013	Steel side seal tension bar (2)	85	16/09060	Hydraulic tank
40	16/07014	Side seal spring (4)	86	09007/16	Sight level guage
41	08051/16	Retaining clip (4)	87	09006/16	Filter (in tank suction)
42	07015/16	Side skirt retaining bar (2)	88	09011/16	Diffuser (in tank return)
43	16/07016	Front seal retaining bar (outer)	89	09008/16	Tank breather tank
44	16/08052	Inner seal retaining bar (drilled)	90	16/09061	¾" B.S.P M-M adaptor (3)
45	16/08053	Inner seal retaining bar (plain)			



SPE
Surface Preparation Equipment

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56

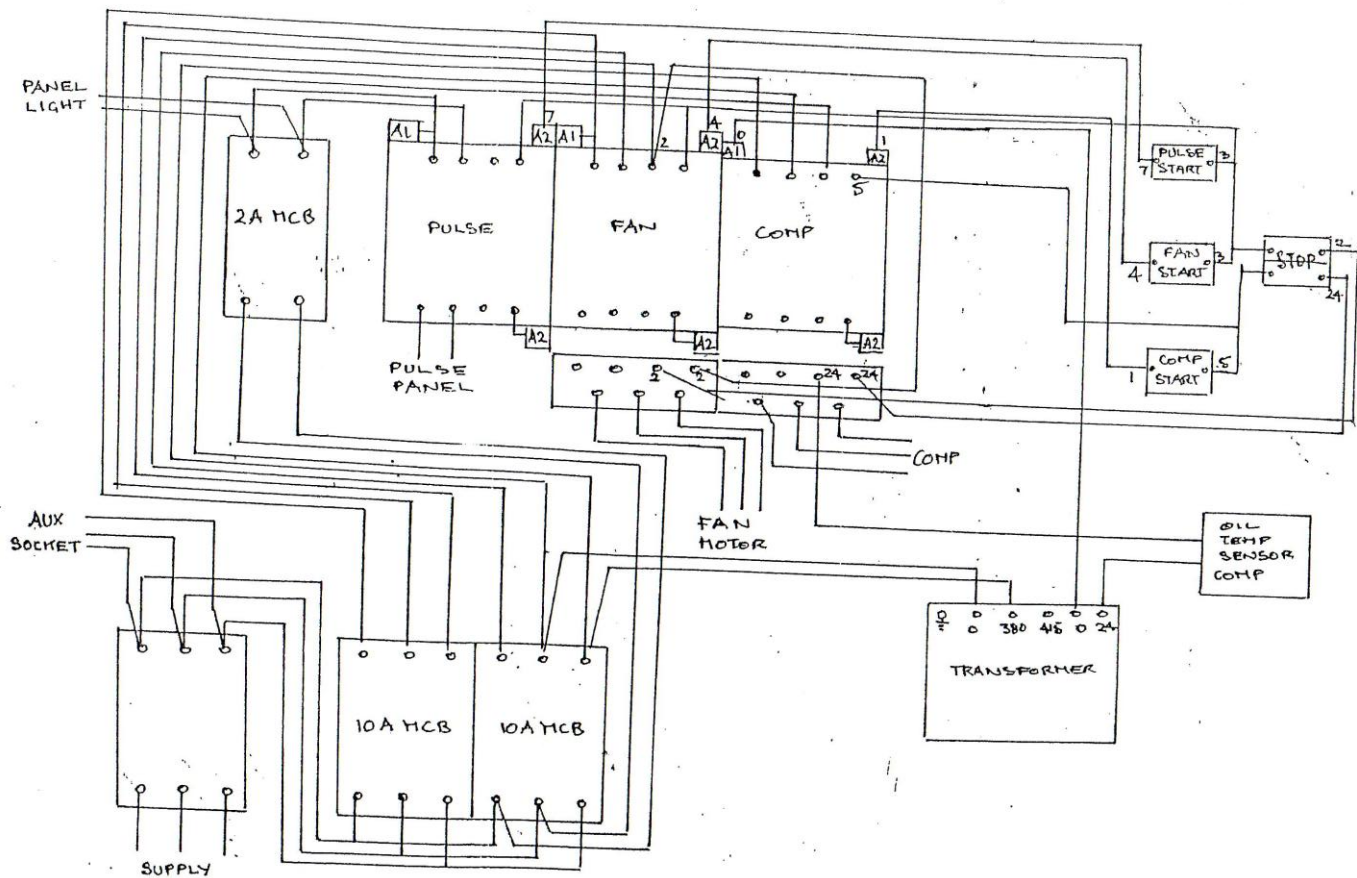
DETAIL SHOWING AIR VALVE ASSEMBLY

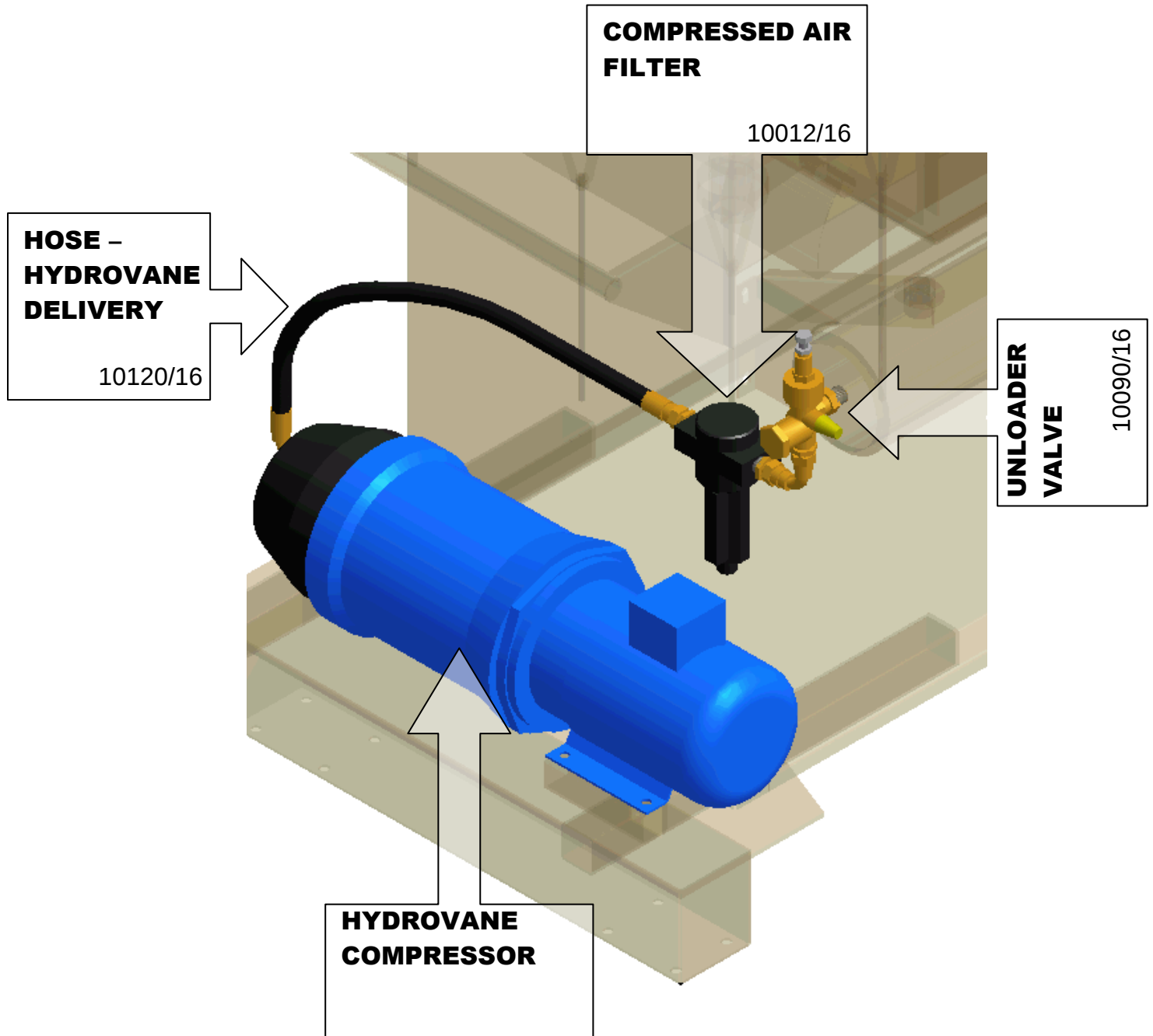
DETAIL SHOWING MOTOR MOUNTING

SPE16DC

Fig no	Part no	Description	Fig no	Part no	Description
1	10059/16	Fan motor	29	10080/16	Air filter assy
2	01031/16	Fan casing top plate	30	10081/16	Filter element
3	10058/16	Impellor	31	10082/16	Flywheel
4	10057/16	Fan casing	32	10063/16	Drive belt
5	10065/16	Silencer	33	10083/16	Pulley
6	10066/16	Lid	34	10062/16	Compressor motor
7	10067/16	Guard	35	10084/16	Guard upper
8	10068/16	Air receiver	36	10085/16	Guard lower
9	10069/16	Main body	37	10012/16	Compressed air filter
10	16/10004	Dust tray	38	10086/16	Elbow
11	10050/16	Castor wheel	39	10087/16	Copper pipe
12	10051/16	Fixed wheel	40	10088/16	Fitting (pipe to filter)
13	16/10052	Castor wheel	41	10089/16	Fitting (pipe to tank)
14	10053/16	Fixed wheel	42	10090/16	Unloader valve
15	10056/16	Filter element	43	10091/16	Copper pipe
16	10070/16	Threaded rod	44	10092/16	Fitting (pipe to valve)
17	10071/16	Wing nut	45	10088/16	Fitting (pipe to tank)
18	10072/16	Flat washer	46	10054/16	Pulse panel
19	10073/16	Hex nut	47	10093/16	Push in connector
20	10036/16	Diaphragm valve	48	16/10055	Electric control panel
21	10037/16	Valve repair kit	49	16/10094	Electric socket
22	10074/16	M-M adaptor	50	16/10095	Handle
23	10075/16	Hose clip	51	10096/16	Pin & clip assembly
24	10076/16	Hose connector	52	10097/16	Pressure guage
25	10077/16	Hose	53	10013/16	Pressure relief valve
26	10078/16	Push – in connector	54	10098/16	Tee piece
27	10079/16	Semi rigid piping	55	10064/16	Over centre clip
28	10061/16	Compressor pump	56	10099/16	Internal baffle plate

16DC





SPE 16 DCCs
Hydrovane Adaptation

SPECIFICATION SHEET

Specification 16ES Blast Machine	
Type	Electric 3 phase
Part No.	SPE 16ES
Std Motor hp (higher optional available)	15
Voltage	380/415
Cycles	50/60
Cleaning width (mm)	406
Machine Dimensions (mm)	
Width	510
Height	1250
Length	1250
Weight (kg)	400
Specification 16ES Dust Collector	
Type	Electric 3 phase
Part No.	SPE 16 D/C
Voltage	380/415
Cycles	50/60
Machine Dimensions (mm)	
Width	1030
Height	1600
Length	1730
Weight (kg)	400

				
Blastwheel Blades	Control Cage	Impellor	Hood Liner	Side Liner
16/08001	16/08002	16/08003	16/08010	R.H. 16/08008 L.H. 16/08009

Machine	Volts	Plug Size	Cable Size	Norm Cable Length	Transformer	Generator
SPE 16ES	380/415	63 Amp 4 Pin	6.0 - 4 Core	100 Metres	-	32 kva
SPE 16 D/C	380/415	63 Amp 4 Pin	6.0 - 4 Core		-	