


## Parts list

POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1		3d views	oho_sbm_sand_blasting_machine.dwg			1
A1		3d views	oho_sbm_sand_blasting_machine.dwg			2
A2		Exploded 3d view	oho_sbm_sand_blasting_machine.dwg			3
B1		Parts list	oho_sbm_sand_blasting_machine.xlsx			4
B2		Parts list	oho_sbm_sand_blasting_machine.xlsx			5
C1		Technical notes	oho_sbm_sand_blasting_machine.dwg			6
1.0		Cylinder assembly	oho_sbm_sand_blasting_machine.dwg			7
1.1	1	Cylinder	oho_sbm_sand_blasting_machine.dwg	Production	Pipe Steel A53 156mm	8
1.2	1	Plates welded up	oho_sbm_sand_blasting_machine.dwg	Production	Steel plate C45 156 x 6mm	9
1.3	1	Plates welded down	oho_sbm_sand_blasting_machine.dwg	Production	Steel plate C45 x 6mm	10
1.4	3	Angle legs	oho_sbm_sand_blasting_machine.dwg	Production	Angle Steel A36	11
1.5	1	Pipe 1	oho_sbm_sand_blasting_machine.dwg	Production	Pipe 1/2" Steel A53 Thread 1/2 NPT x 10mm	12
1.6	1	Cock 1		Buy	Valve 1/2" Steel A105	
2.0		Sand recharge assembly	oho_sbm_sand_blasting_machine.dwg			13
2.1	1	Angle	oho_sbm_sand_blasting_machine.dwg	Production	Angle Steel A36	14
2.2	1	Pivot lever	oho_sbm_sand_blasting_machine.dwg	Production	Steel plate C45	15
2.3	2	Welded counterweights	oho_sbm_sand_blasting_machine.dwg	Production	Steel plate C45	16
2.4	1	Bolt		Standard	M6 Din 931 x 16mm	
2.5	1	Nut		Standard	M6 Din 934	
2.6	1	Welding rod	oho_sbm_sand_blasting_machine.dwg	Production	Steel bar C45 Ø 8mm	17
2.7	1	Pipe plug		Buy	Plug Steel A105	
2.8	1	Rubber gasket	oho_sbm_sand_blasting_machine.dwg	Production	Rubber 2 mm thickness	18
2.9	1	Reducing coupling as valve		Buy	Valve 1/2" Steel A105	
3.0		Piping system	oho_sbm_sand_blasting_machine.dwg			19
3.1	1	Cock 2		Buy	Valve 1/2" Steel A105	
3.2	1	Pipe 2	oho_sbm_sand_blasting_machine.dwg	Production	Pipe 1/2" Steel A53 Thread 1/2 NPT x 10mm	20
3.3	2	T junction		Buy	Tee 1/2" Steel A105	
3.4	1	Pipe 3	oho_sbm_sand_blasting_machine.dwg	Production	Pipe 1/2" Steel A53 Thread 1/2 NPT x 10mm	21
3.5	1	Pipe 4	oho_sbm_sand_blasting_machine.dwg	Production	Pipe 1/2" Steel A53 Thread 1/2 NPT x 10mm	22
3.6	1	Pipe 5	oho_sbm_sand_blasting_machine.dwg	Production	Pipe 1/2" Steel A53 Thread 1/2 NPT x 10mm	23


Note: All units in mm.

PROJECT	CREATED BY	APPROVED BY	DATE	VERSION
Sand Blasting Machine	E. Araujo	A. Morillo	30/08/2021	1.0
PART NAME	FILE NAME			POS
Parts list	oho_sbm_sand_blasting_machine.xlsx			B1
PUBLISHED BY	DOC. TYPE	MATERIAL		QUANTITY
 <b>OPEN HARDWARE OBSERVATORY</b> Free Blueprints for Sustainable Development	Parts list			
	LICENCE	SCALE		SHEET
OHO e.V.	CC-BY-SA 4.0			4/28

Parts list

POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
3.7	1	Elbow		Buy	Elbow 1/2" Steel A105	
3.8	1	Pipe 6	oho_sbm_sand_blasting_machine.dwg	Production	Pipe 1/2" Steel A53 Thread 1/2 NPT x 10mm	24
3.9	1	Gate valve		Buy	Valve 1/2" Steel A105	
3.10	1	Pipe 7	oho_sbm_sand_blasting_machine.dwg	Production	Pipe 1/2" Steel A53 Thread 1/2 NPT x 20mm	25
3.11	1	Pipe 8	oho_sbm_sand_blasting_machine.dwg	Production	Pipe 1/2" Steel A53 Thread 1/2 NPT x 10mm	26
3.12	1	Pressure clamp		Buy	Clamp IASI 304	
3.13	1	Hose		Buy	Hose 1/2" 305 mm flexible pvc	
3.14	1	Pipe 9	oho_sbm_sand_blasting_machine.dwg	Production	Pipe 1/2" Steel A53 Thread 1/2 NPT x 10mm	27
3.15	1	Valve control air		Buy	Valve 3/8" Steel A105	
3.16	1	Pipe 10	oho_sbm_sand_blasting_machine.dwg	Production	Pipe 1/2" Steel A53 Thread 1/2 NPT x 10mm	28
3.17	1	Reducing coupling		Buy	Reducing 3/8" Steel A105	
3.18	1	Nozzle		Buy	Nozzle Steel A105	

Note: All units in mm.

PROJECT	CREATED BY	APPROVED BY	DATE	VERSION
Sand Blasting Machine	E. Araujo	A. Morillo	30/08/2021	1.0
PART NAME	FILE NAME			POS
Parts list	oho_sbm_sand_blasting_machine.xlsx			B2
PUBLISHED BY	DOC. TYPE	MATERIAL	QUANTITY	
 OPEN HARDWARE OBSERVATORY Free Blueprints for Sustainable Development OHO e.V.	Parts list			
	LICENCE	SCALE	SHEET	
	CC-BY-SA 4.0		5/28	