



Parts list

POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1	1	3d views	Pac_Pw_Pottery-Wheel.iam			1-2
A2		3d Exploded view	Pac_Pw_Pottery-Wheel.iam			3
B1		Part list	pac_pw_pottery-wheel.csv			4
B2		Part list	pac_pw_pottery-wheel.csv			5
C1		Tech notes				6
1.0	1	Moulding assembly	1.0_Moulding_Assembly.iam			7-8
1.1	2	Counterweight	1.1_Counterweight.ipt	Production	DIN C45	9
1.2	1	Counterweight support	1.2_Counterweight_Support.ipt	Production	Thk 13 ASTM A36	10
1.3	1	Moulding arm 1	1.3_Moulding_Arm_1.ipt	Production	Thk 13 ASTM A36	11
1.4	1	Moulding arm 2	1.4_Moulding_Amr_2.ipt	Production	Thk13 ASTM A36	12
1.5	1	Pivot shaft E	1.5_Pivot_Shaft_E.ipt	Production	OD 40DIN C45	13
1.6	1	Pivot shaft I	1.6_Pivot_Shaft_I.ipt	Production	DIN C45	14
1.7	1	Moulding blade support	1.7_Moulding_Blade_Support.ipt	Production	Thk 7 ASTM A36	15
1.8	1	Handle	1.8_Handle.ipt	Production	Thk 13 ASTM A36	16
1.9	1	Depth adjustment rod	1.9_Depth_Adjustment_Rod.ipt	Production	DIN C45	17
1.10	1	Depth adjustment bolt	1.10_Depth_Adjustment_Bolt.ipt	Standard	M20x75, DIN EN 14399	
1.11	1	Moulding blade	1.11_Moulding_Blade.ipt	Production	Thk 10 DIN C45	18
1.12	2	Moulding blade bolt	1.12_Moulding_Blade_Bolt.ipt	Standard	M8x20, DIN EN 14399	
1.13	1	Counterweight bolt	1.13_Counterweighth_Bolt.ipt	Standard	M20x80 DIN EN 14399	
1.14	1	Counterweight nut	1.14_Counterweight_Nut.ipt	Standard	M20 DIN EN 14399	
1.15	2	Moulding blade nut	1.15_Moulding_Blade_Nut.ipt	Standard	M8 DIN 439-2	
2.0	2	Drive train	2.0_Drive_Train.iam			19-20
2.1	1	Wheel head	2.1_Wheel_Head.ipt	Production	DIN C45	21
2.2	1	Wheel shaft	2.2_Wheel_Shaft.ipt	Production	DIN C45	22
2.3	2	Bearing bracket	2.3_Bearing_Bracket.ipt	Buy	SKF P2B 102-FM	
2.4	1	Wheelhead pulley	2.4_Wheelhead_Pulley.ipt	Production	DIN C45	23
2.5	1	Wheelhead pulley retaining	2.5_Wheelhead_Pulley_Retaining.ipt	Standard	DIN 472	
2.6	1	Counter shaft	2.6_Counter_Shaft.ipt	Production	DIN C45	24
2.7	2	Bearing bracket	2.7_Bearing_Bracket.ipt	Buy	SKF P2B 102-FM	
2.8	1	Countershaft pulley	2.8_Countershaft_Pulley.ipt	Production	DIN C45	25
2.9	1	Drive pulley	2.9_Drive_Pulley.ipt	Production	DIN C45	26

PROJECT		CREATED BY	APPROVED BY	DATE	VERSION
Potery wheel		J. Rosciano	A. Morillo	17/06/2021	1.2
PART NAME		FILE NAME			POS
Parts list		pac_pw_pottery-wheel.csv			B1
DEVELOPED BY		REDESIGNED BY	DOC. TYPE	MATERIAL	QUANTITY
			Parts list		
Practical Action		OHO e.V.	LICENCE	SCALE	SHEET
			CC-BY-SA 4.0		4 /46

Parts list

POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
2.10	2	Belt	2.10_Belt.ipt	Buy	V-Belt DIN 2215	
2.11	1	Motor	2.11_Motor.ipt	Buy	WEG, 1800 rpm 5 hp	
2.12	8	Bolt bearing	2.12_Bolt_Bearing.ipt	Standard	M12x65 DIN 6921	
2.13	8	Nut bearing	2.13_Nut_Bearing.ipt	Standard	M12 DIN 1661	
2.14	1	Key 1	2.14_Key_1.ipt	Standard	KSB 1311 (II) 8x7x50	
2.15	1	Key 2	2.15_Key_2.ipt	Standard	SS 2306 8x7x80	
3.0	1	Main frame	3.0_Main_Frame.iam			27-28
3.1	1	Splash plate	3.1_Splash_Plate.ipt	Production	Thk 3 ASTM A36	29
3.2	1	Depth adjustment support	3.2_Depth_Adjustment_Support.ipt	Production	OD 33.7 DIN C45	30
3.3	1	Mould base	3.3_Mould_Base.ipt	Production	OD 100 DIN C45	31
3.4	1	Beam support 1	3.4_Beam_Support_1.ipt	Production	U 80x45x5 ASTM A36	32
3.5	3	Beam support 2	3.5_Beam_Support_2.ipt	Production	U 80x45x5 ASTM A36	33
3.6	1	Beam support 3	3.6_Beam_Support_3.ipt	Production	U 80x45x5 ASTM A36	34
3.7	1	Profile support	3.7_Profile_Support.ipt	Production	Thk 2.5 ASTM A36	35
3.8	2	Beam base 1	3.8_Beam_Base_1.ipt	Production	U 80x45x5 ASTM A36	36
3.9	2	Beam base 2	3.9_Beam_Base_2.ipt	Production	U 80x45x5 ASTM A36	37
3.10	2	Beam support 4	3.10_Beam_Support_4.ipt	Production	U 80x45x5 ASTM A36	38
3.11	2	Beam support 5	3.11_Beam_Support_5.ipt	Production	U 80x45x5 ASTM A36	39
3.12	2	Beam support 6	3.12_Beam_Support_6.ipt	Production	U 80x45x5 ASTM A36	40
3.13	2	Beam support 7	3.13_Beam_Support_7.ipt	Production	U 80x45x5 ASTM A36	41
3.14	1	Beam base 8	3.14_Beam_Base_8.ipt	Production	U 80x45x5 ASTM A36	42
4.0	1	Moulds	4.0_Moulds.iam		1 Set	43
4.1	1	Moulds 370	4.1_Moulds_370.ipt	Production	Welded part, DIN C45	44
4.2	1	Moulds 305	4.2_Moulds_305.ipt	Production	Welded part, DIN C45	45
4.3	1	Moulds 340	4.3_Moulds_340.ipt	Production	Welded part, DIN C45	46

PROJECT		CREATED BY		APPROVED BY		DATE		VERSION	
Potery wheel		J. Rosciano		A. Morillo		17/06/2021		1.2	
PART NAME		FILE NAME						POS	
Parts list		pac_pw_pottery-wheel.csv						B2	
DEVELOPED BY		REDESIGNED BY		DOC. TYPE		MATERIAL		QUANTITY	
				Parts list					
Practical Action		OHO e.V.		LICENCE		SCALE		SHEET	
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