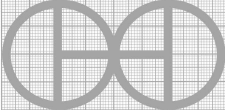


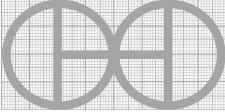
Parts list

POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1	-	3d views	app_rpd_rope_pump_with_depth_adjustable.iam	-	-	1-2
A2	-	Exploded 3d view	app_rpd_rope_pump_with_depth_adjustable.ipn	-	-	3
B1	-	Parts list	app_rpd_rope_pump_with_depth_adjustable.csv	-	-	4-5
C1	-	Technical notes	-	-	-	6
1.0	1	Platform	Platform.ipn	-	-	7-8
1.1	6	Beam	Beam	Production	Hardwood 50x100x1000mm	-
1.2	1	Planked	Planked.ipt	Production	Plywood 20mm	9
1.3	4	Leg	-	Production	Hardwood 25x25x430mm	-
1.4	1	Top	-	Production	Hardwood 375x300x20mm	-
1.5	50	Nails A	-	Buy	Galvanized nails 2.5x60mm	-
2.0	1	Wheel structure	Wheel structure.ipn	-	-	10-11
2.1	4	Bottom Angle	-	Production	Steel A36 angle 40x40x3mm	-
2.2	8	Leg plate	Leg plate.ipt	Production	Steel A36 plate 40x3mm	12
2.3	4	Union plate	-	Production	Steel A36 plate 40x288x3mm	-
2.4	4	Rigidizer	-	Production	Steel A36 bar 12x288mm	-
2.5	4	Shaft bearing	-	Production	Black iron tube 1-1/4" L:60mm schedule 40	-
2.6	3	Shaft bearing stop	Shaft bearing stop.ipt	Production	Steel C45 circular sheet 3mm	13
2.7	1	Shaft A	-	Production	Black iron tube 1" L:450mm schedule 40	-
2.8	1	Shaft A-1	-	Production	Black iron tube 1" L:414mm schedule 40	-
2.9	2	Shaft elbow	-	Standard	Black iron elbow 1"	-
2.10	2	Shaft B	-	Production	Black iron tube 1" L:50mm schedule 40	-
2.11	1	Coupling tube	-	Production	Black iron tube 1-1/4" L:55mm schedule 40	-
2.12	1	Pumping wheel	-	Production	Used 450mm vehicule rim or similar	-
2.13	1	Bicycle wheel	-	Production	Used 500mm bycycle rim similar	-

PROJECT Rope Pump with Depth adjustable		CREATED BY J. Zeron	APPROVED BY A. Morillo	DATE 30/08/2021	VERSION 1.0
PART NAME Parts list		FILE NAME app_rpd_rope_pump_with_depth_adjustable.csv			POS B1
DEVELOPED BY Appropedia	REDESIGNED BY  OHO e.V.	DOC. TYPE Parts list	MATERIAL LICENCE CC-BY-SA 4.0	SCALE	QUANTITY SHEET 4 /22

Parts list

POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
3.0	1	Piping system	Piping system.ipn	-	-	14-15
3.1	1	Adjustable pipe A	Adjustable pipe A.ipt	Production	ASTM D 1785 PVC weldable pipe 1" - schedule 40	16
3.2	1	Adjustable pipe B	Adjustable pipe B.ipt	Production	ASTM D 1785 PVC weldable pipe 1" - schedule 40	17
3.3	1	Adjustable pipe C	-	Production	ASTM D 1785 PVC weldable pipe 1" L:150mm - schedule 40	-
3.4	1	Adjustable pipe D	-	Production	ASTM D 1785 PVC weldable pipe 1" L:80mm - schedule 40	-
3.5	1	Reducing Couple	-	Standard	2"/1" PVC weldable reducing couple	-
3.6	1	Hole plug	Hole plug.ipt	Production	Made from used car tire	18
3.7	2	Shaft collar	-	Standard	1-1/4" shaft collar	-
3.8	1	Tee A	-	Standard	1" PVC weldable T-joint	-
3.9	1	Spillway pipe A	-	Production	ASTM D 1785 PVC weldable pipe 1" L:80mm - schedule 40	-
3.10	1	Tee B	-	Standard	2" PVC weldable T-joint	-
3.11	2	Pipe Reduction A	-	Standard	1-2" PVC weldable pipe Reduction	-
3.12	1	Spillway pipe B	-	Production	ASTM D 1785 weldable pipe 1" L:250mm - schedule 40	-
3.13	3	Elbow	-	Standard	1" PVC weldable elbow	-
3.14	1	Pipe Reduction B	-	Standard	1-1/2" PVC weldable pipe Reduction	-
3.15	1	Support pipe	-	Production	ASTM D 1785 PVC weldable pipe 2" L:423mm - schedule 40	-
3.16	1	Cut tire	Cut tire.ipt	Production	Made from used car tire	19
3.17	2	Brake bar	Brake bar.ipt	Production	Steel A36 12mm	20
3.18	2	Underwater rope guide	Underwater rope guide.ipt	Production	Hardwood 30mm	21
3.19	1	Rope	-	Buy	Low capacity nylon rope, variable length	-
3.20	10	Piston	Piston.ipt	Production	Made from used car tire	22
3.21	12	Nails B	-	Buy	Galvanized nails 2.2x50mm	-

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DEVELOPED BY Appropedia	REDESIGNED BY  OHO e.V.	DOC. TYPE Parts list	MATERIAL LICENCE CC-BY-SA 4.0	SCALE	QUANTITY SHEET 5 /22