

## ALAI TUGBOAT PART LIST

No	Piece	4 mm Plywood	Material/Size
0	1	Keel	4 mm Plywood
1 – 11	12	Frames	4 mm Plywood
2A	3	Keel locks	4 mm Plywood
3A	2	Tail keel locks	4 mm Plywood
12	4	Back keel locks	4 mm Plywood
13	2	Rudder axle tube house	4 mm Plywood
15	1	Nose part	4 mm Plywood
16	2	Middle frame supports	4 mm Plywood
17	1	R/C platform	4 mm Plywood
18 – 24	14	Frame locks	4 mm Plywood
25	1	Motor lid	4 mm Plywood
26	2	Motor house	4 mm Plywood
27	2	Motor fixing locks	4 mm Plywood
28	2	Rudder axle house	4 mm Plywood
29	2	Rope tie bar	4 mm Plywood
30	1	Back cabine inside construction	4 mm Plywood
31	2	Back cabine side walls	4 mm Plywood
32	1	Back cabine back wall	4 mm Plywood
33	1	Back cabine front wall	4 mm Plywood
34	1	Back cabine top	4 mm Plywood
35	1	Front bottom cabine vertical construction	4 mm Plywood
36	1	Front bottom cabine back horizontal construction	4 mm Plywood
37	1	Front bottom cabine front horizontal construction upper	4 mm Plywood
38	1	Front bottom cabine front horizontal construction bottom	4 mm Plywood
39	2	Front bottom cabine side walls	4 mm Plywood
40	1	Front bottom cabine top	4 mm Plywood
41	1	Middle crane construction	4 mm Plywood
42	1	Middle vertical crane construction	4 mm Plywood
43	4	Right and left front crane construction	4 mm Plywood
43-1	2	Right and left back crane construction	4 mm Plywood
44	1	Upper crane construction	4 mm Plywood
45	1	Middle crane construction	4 mm Plywood
46	1	Bottom crane construction	4 mm Plywood
47	1	Crane top upper construction	4 mm Plywood
48	1	Reel front part	4 mm Plywood
49	2	Propellar keeper fixing parts	4 mm Plywood
50	2	Step walls	4 mm Plywood
51	1	Base front	4 mm Plywood
52	1	Base back	4 mm Plywood
53	2	Nametag	4 mm Plywood
54	2	Lath-1	4 mm Plywood
55	2	Lath-2	4 mm Plywood
56	2	Lath-3	4 mm Plywood

No	Piece	1,5 mm Plywood	Material/Size
PW-1	1	Deck	1.5 mm Plywood
PW-2	2	Right and left panel front	1.5 mm Plywood
PW-3	1	Right and left panel back	1.5 mm Plywood
PW-4	1	Crane top upper construction	1.5 mm Plywood
PW-5	1	Crane upper top	1.5 mm Plywood
PW-6	4	Upper cabine top vertical construction	1.5 mm Plywood
PW-7	4	Upper cabine top horizontal front construction	1.5 mm Plywood
PW-8	4	Upper cabine top horizontal back construction	1.5 mm Plywood
PW-9	1	Upper cabine top reference bottom construction	1.5 mm Plywood
PW-10	1	Upper cabine top reference upper construction	1.5 mm Plywood
PW-11	2	Upper cabine side walls	1.5 mm Plywood
PW-12	1	Upper cabine back wall	1.5 mm Plywood
PW-13	1	Upper cabine top	1.5 mm Plywood
PW-14	2	upper cabine top inclined side	1.5 mm Plywood
PW-15	1	upper cabine top inclined back	1.5 mm Plywood
PW-16	1	upper cabine top inclined front	1.5 mm Plywood
PW-17	2	Tower side	1.5 mm Plywood
PW-18	1	Tower back	1.5 mm Plywood
PW-19	1	Tower front	1.5 mm Plywood
PW-20	1	Tower top	1.5 mm Plywood
PW-21	1	Side stair bottom	1.5 mm Plywood
PW-22	1	Back box top	1.5 mm Plywood
PW-23	1	Back box right	1.5 mm Plywood
PW-24	1	Back box front	1.5 mm Plywood
PW-25	1	Back box left	1.5 mm Plywood
PW-26	1	Front bollard top	1.5 mm Plywood
PW-27	1	Front bollard middle	1.5 mm Plywood
PW-28	1	Front bollard bottom	1.5 mm Plywood
PW-29	2	Right and left back bollard fixing table	1.5 mm Plywood
PW-30	4	Life capsule fixing parts	1.5 mm Plywood
PW-31	32	Steps	1.5 mm Plywood
PW-32	4	Stair construction	1.5 mm Plywood
PW-33	2	Stair construction fixing-1	1.5 mm Plywood
PW-34	2	Stair construction fixing-2	1.5 mm Plywood
PW-35	2	Stair construction fixing-3	1.5 mm Plywood
PW-36	2	Cabine inside cabinet front	1.5 mm Plywood
PW-37	2	Cabine inside cabinet top	1.5 mm Plywood
PW-38	2	Cabine inside cabinet side	1.5 mm Plywood
PW-39	1	Cabine table	1.5 mm Plywood
PW-40	28	Rail supports front	1.5 mm Plywood
PW-41	28	Rail supports back	1.5 mm Plywood
PW-42	2	Rail supports referance parts	1.5 mm Plywood
PW-43	1	Front bottom cabine front wall	1.5 mm Plywood
PW-44	1	Upper cabine front wall	1.5 mm Plywood
PW-45	2	Rail right and left bottom	1.5 mm Plywood
PW-46	1	Rail bottom front	1.5 mm Plywood
PW-47	1	Cabine led house	1.5 mm Plywood

No	Piece	1.5 mm Flexible Plywood	Material/Size
FLX-1	2	Crane bottom	1.5 mm Plywood
FLX-2	2	Crane top	1.5 mm Plywood
FLX-3	1	Panel back	1.5 mm Plywood
FLX-4	1	Panel front	1.5 mm Plywood

No	Piece	3D Resin Parts	Material/Size
3D-1	1	Front Bollard	Resin
3D-2	2	Side bollards right-left	Resin
3D-3	1	Control panel	Resin
3D-4	2	Front small bollard	Resin
3D-5	2	Back small bollard	Resin
3D-6	1	Large bollard	Resin
3D-7	1	Flag post	Resin
3D-8	4	Life ring	Resin
3D-9	2	Anchor keeper right-left	Resin
3D-10	1	Back box	Resin
3D-11	1	Front box	Resin
3D-12	1	Compass	Resin
3D-13	1	Projector	Resin
3D-14	1	Wheelhouse chair	Resin
3D-15	1	Rudder wheel	Resin
3D-16	2	Life capsule-male	Resin
3D-17	2	Life capsule-female	Resin
3D-18	1	Reel right leg	Resin
3D-19	1	Reel left leg	Resin
3D-20	1	Reel body	Resin
3D-21	2	Windlass right-left	Resin
3D-22	4	Windlass heads	Resin
3D-23	3	Anchor	Resin
3D-24	2	Airconditioner right-left	Resin
3D-25	1	Rudder wheel connector	Resin
3D-26	1	Airconditioner connecting part	Resin
3D-27	1	Tower airconditioner	Resin
3D-28	2	Side stair fixing parts	Resin
3D-29	2	Back post fixer	Resin
3D-30	1	Propellar keeper	Resin
3D-31	1	Rudder	Resin
3D-32	1	Propellar	Resin
3D-33	1	Front boarding part	Resin
3D-34	2	Back parts	Resin
3D-35	1	Crane fixer bottom	Resin
3D-36	1	Crane fixer top	Resin
3D-37	1	Crane back	Resin
3D-38	1	Crane top	Resin
3D-39	1	Crane middle connection-1	Resin
3D-40	1	Crane middle connection-2	Resin
3D-41	1	Crane fixer	Resin
3D-42	2	Board lights	Resin
3D-43	13	Tires	Resin

No	Piece	Strips	Material/Size
S-1	80	Hull cover strips	1.9 x 700 mm

No	Adet	Metal	Material/Size
ME-1	1	Reel axel	2 x 24 mm
ME-2	2	Back bollard bar	1 x 29 mm
ME-3	1	Flag post	1.75 x 57 mm
ME-4	1	Rudder axle pipe	2 x 110 mm
ME-4	1	Rudder axle	3 x 11 mm

No	Piece	PVC	Material/Size
PVC-1	2	Side stair rail	0.8 mm PVC
PVC-2	1	Rail upper-left	0.8 mm PVC
PVC-3	1	Rail upper-right	0.8 mm PVC
PVC-4	2	Stair rails	0.8 mm PVC
PVC-5	1	Back cabine rail-right	0.8 mm PVC
PVC-6	1	Back cabine rail-left	0.8 mm PVC
PVC-7	2	Back cabine rail back right-left	0.8 mm PVC
PVC-8	1	Rail upper-left back	0.8 mm PVC
PVC-9	1	Back cabine rail right-front	0.8 mm PVC
PVC-10	2	Top rail right-left	0.8 mm PVC
PVC-11	1	Top rail front	0.8 mm PVC
PVC-12	4	Airconditioner lids	0.8 mm PVC

No	Piece	Plexy-Glass	Material/Size
C-1	2	Glass	1 mm Plexy-Glass
C-2	2	Glass	1 mm Plexy-Glass
C-3	2	Glass	1 mm Plexy-Glass
C-4	2	Glass	1 mm Plexy-Glass
C-5	2	Glass	1 mm Plexy-Glass
C-6	2	Glass	1 mm Plexy-Glass
C-7	2	Glass	1 mm Plexy-Glass
C-8	2	Glass	1 mm Plexy-Glass
C-9	2	Glass	1 mm Plexy-Glass
C-10	2	Glass	1 mm Plexy-Glass
C-11	1	Glass	1 mm Plexy-Glass
C-12	1	Glass	1 mm Plexy-Glass
C-13	1	Glass	1 mm Plexy-Glass
C-14	1	Glass	1 mm Plexy-Glass
C-15	1	Glass	1 mm Plexy-Glass
C-16	1	Glass	1 mm Plexy-Glass
C-17	2	Glass	1 mm Plexy-Glass

No	Piece	Other	Material/Size
R-1	2	Chain	25 cm
R-2	7	Cleatr led	Led
R-3	1	Red led	Led
R-4	1	Green led	Led
R-5	5	Eyebolt	Metal
Y-1	1	Rope	1000 mm
DC-1	1	Flag	Sticker
DC-2	2	Alai	Sticker
DC-3	1	Alai Bilbao	Sticker
DC-4	1	Anchor keeper referance	Sticker