

Tank Number	Tank Description	Tank Material	Width (in) ID	Length (in) ID	Depth (in) OD	Solution Level(in)	Gallons	Drain Line	Water Inlet	Water Flow Rate	Temp (F)	Air CFM / Ft ²	Air Total CFM
L	Load Station	Steel	36	48	42	N/A	N/A	None	None	N/A	None	None	None
1	Non-Etch Alkaline Soak Cleaner	Polypro	21	48	42	3.5	170	None	3/4"		170	1.5/Mix	10.5
2	Cold Water Rinse	Polypro	14	48	42	3	115	A/F	3/4"	3 gpm	70	1.5	7
3	Acid Etch	Polypro	18	48	42	3.5	145	None	3/4"		140	2.0	12
4	Cold Water Rinse	Polypro	18	48	42	3.5	145	A/F	3/4"	3 gpm	70	1.5	9
5	Deoxidizer/Desmutt	Polypro	18	48	42	3.5	145	None	3/4"		70	2.0	12
6	Cold Water Rinse	Polypro	18	48	42	4	145	A/F	3/4"	3 gpm	70	1.5	9
7	Cold/Warm Water Rinse	Stainless	18	48	42	4	145	A/F	3/4"	2 gpm	75	1.5	9
8	Iridite NCP	Polypro	37	48	42	3.5	300	None	3/4"		90	1.5/Mix	18
9	Cold Water Rinse	Polypro	16	48	42	3.5	130	A/F	3/4"	3 gpm	70	1.5	10.75
10	Zincate	Polypro	16	48	42	3.5	130	None	3/4"		75	2.0	10.75
11 A	Counterflow Rinse (2)	Polypro	13.5	48	42	4	110	B/E	None		70	1.5	6.75
11 B	" " "	Polypro	13.5	48	42	3	110	None	3/4"	2 gpm	70	1.5	6.75
12	Zincate Strip	Polypro	14	48	42	3.5	115	None	3/4"		70	2.0	9.5
13 A	Counterflow Rinse (2)	Polypro	18	48	42	4	145	B/E	None		70	1.5	9
13 B	" " "	Polypro	18	48	42	3	145	None	3/4"	2 gpm	70	1.5	9
14	Electroless Nickel Strike	Polypro	16	48	42	3.5	130	None	3/4"		90	2.0	10.75
15 A	Counterflow Rinse (2)	Polypro	13.5	48	42	4	110	B/E	None		70	1.5	6.75
15 B	" " "	Polypro	13.5	48	42	3	110	None	3/4"	2 gpm	70	1.5	6.75
16	Electroless Nickel	Polypro	24	48	42	3.5	195	None	3/4"		190	2.0	16
17	Electroless Nickel	Polypro	24	48	42	3.5	195	None	3/4"		190	2.0	16
18 A	Counterflow Rinse (2)	Polypro	18	48	42	4	145	C/E	None		70	1.5	9
18 B	" " "	Polypro	18	48	42	3	145	None	3/4"	2 gpm	70	1.5	9
19	Hot DI Rinse	Stainless	18	48	42	3	145	C/E	3/4"	2 gpm	180	1.5	9
20	Hot Air Dryer	Steel/PP	36	48	42	N/A	N/A	None	None	N/A	140	None	None
U	Unload Station	Steel	36	48	42	N/A	N/A	None	None	N/A	None	None	None
												Total	232

R. Alambano

Tank Number	Tank Description	Width (in)	Length (in)	W/L Ratio	Sq Ft Surface	Control Velocity	CFM/ Ft 2 Surface	Total CFM	Pull Exhaust CFM/ Ft 2	Push CFM/ Ft2	Total Pull Exhaust (CFM)	Total Push (CFM)	Exhaust Duct Dia (in)
16	Electroless Nickel *	24	48	0.50	8	100	150	1,200	100	5	800	40	6
17	Electroless Nickel *	24	48	0.50	8	100	150	1,200	100	5	800	40	6
	Totals				16			2,400			1,600	80	

* One lip exhaust hood with single slot on end of each tank.
 One lip exhaust hood with double slot between tanks.
 Each hood with 6" dia. connection

aluminum

Aluminum Plating Line Accessories (New, never used, tanks only tested with water)

- 1 – Gast Regenair R6P355A blower with inlet filter, relief valve, pressure gauge, Square D disconnect switch and motor starter
- 20 – ¾" diameter x 48" long solid stainless steel work bars
- 2 – Stainless steel flight bars with vertical stabilizer bar and J hooks
- 4 – Steel work/flight bar carts, 54" x 27" x 42" high with swivel casters
- 1 Lot – Consisting of a used Coffing JF series ½ ton hoist and a used Lodestar model B ¼ ton hoist. Each hoist with a push trolley and chain container
- 1 Lot – Consisting of 3 PVC lip exhaust hoods with adjustable intake slots and Flexaust R-3 flexible PVC duct (EN tanks)
- 4 – Protec type 316 stainless steel heating/cooling loop coils 36" long, 4 pass with hangers and Protec non-indicating thermostats (Tanks 1,7,10 &19)
- 2 – Palm type 316 stainless steel heat exchangers and a Clepco digital temperature control for EN tanks
- 2 – Kynar (PVDF) heat exchangers (9 & 15 square feet) with Clepco digital temperature controls (Tanks 3 & 8)
- 1 lot – Consisting of a Protec Model S-1 type 316 stainless steel heat exchanger and Sethco ZDX-1/2CS pump (Tank 14)
- 8 – Steam heating packages consisting of 1" Magnatrol bronze solenoid valves, cast iron float and thermostatic traps, and strainers
- 2 – Standard vertical CPVC pumps with 1 HP motor, Square D disconnect switch & motor starter (EN tanks)
- 3 – Rectangular polypro filter tanks with covers and 7" dia. filter bags for EN Plate & Strike Tanks
- 2 – Flo King BX1200 in-tank solution pumps with Square D disconnect switch and motor starter (EN Tanks)
- 10 – 12 mil liners with flanged outlets for EN tanks
- 23 – PVC/CPVC air spargers with a true union ball valve
- 1 Lot – PVC drip shields between all tanks, plastic V block saddles for all tanks, all rinse tanks with polypro in-line flow restrictors and 8 – Galab model 171 timers
- 1 Lot – Process piping for water, air, steam, condensate and push air, includes Haward tru-union ball valves and Apollo brass ball valves

Note: Hot air dryer tank includes stainless steel heating coil, fan with variable speed controller, and push button on/off switch