

Water Consumption Estimator

Name	Quantity	Total
Bridge Saw 500 mm		0L/minL/min
CNC Machine		0L/minL/min
Belt Edge Polisher	2	300L/minL/min
Single Head Edge Polisher	1	30L/minL/min
Jenny Lind Radial Arm Polisher	2	30L/minL/min
Hand Polisher		0L/minL/min
Current Estimate on Usage (in Litres)		360L/minL/min

	EC 2.1 100L/min	SC 2.1 150L/min	MCL2.1 300L/min	MCL2.1 300L/min	MCM2.1 600L/min	MCL2.1 300L/min	MCL2.1 600L/min	MCL2.1R 600L/min	MCL2.1750L 750L/min	MCL3.1 600L/min	MCL3.1 600L/min	MCL3.1750L 750L/min
Overall Dimensions (LxWxH (mm))	3000x2000x2300	3000x2000x2300	2800x2100x4000	3800x2100x3400	2800x2100x5600	2800x2100x4000	2800x2100x5600	3800x2100x5000	2800x2100x7100	2800x2100x5600	4350x2600x4000	2800x2100x7100
Electrical supply	400V,50Hz,3F+PE 4,5Kw,10A	400V,50Hz,3F+PE 5Kw,11A	400V,50Hz,3F+PE 6,5Kw,15A	400V,50Hz,3F+PE 6,5Kw,15A	400V,50Hz,3F+PE 6,5Kw,15A	400V,50Hz,3F+PE 8,5Kw,17A	400V,50Hz,3F+PE 8,5Kw,17A	400V,50Hz,3F+PE 8,5Kw,17A	400V,50Hz,3F+PE 8,5Kw,17A	400V,50Hz,3F+PE 10Kw,20A	400V,50Hz,3F+PE 10Kw,20A	400V,50Hz,3F+PE 10Kw,20A
Screen	7 inch	10 inch	10 inch	10 inch	10 inch	10 inch	10 inch	10 inch	10 inch	15 inch	15 inch	15 inch
Submergible pump model	VX 8/35	VX 8/35	MC 15/50	MC 15/50	MC 30/50	MC 15/50	MC 30/50	MC 30/50	MC 30/50	MC 30/50	MC 30/50	MC 30/50
Level control for waterwater pit	1 float switch	1 float switch	1 float switch	1 float switch	1 float switch	1 float switch	1 float switch	1 float switch	1 float switch	2 float switches	2 float switches	2 float switches
Coagulant station	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Coagulant level control	N	float switch	float switch	float switch	float switch	float switch	float switch	float switch	float switch	float switch	float switch	float switch
Flocculant station	PVC Skid 100L	PVC Skid 100L	PVC Skid 500L	PVC Skid 500L	PVC Skid 500L	PVC Skid 500L	PVC Skid 500L	PVC Skid 500L	PVC Skid 500L	stainless steel tank 300L	stainless steel tank 300L	stainless steel tank 300L
Flocculant level control	Float Switch	Float Switch	Float Switch	Float Switch	Float Switch	Float Switch	Float Switch	Float Switch	Float Switch	Ultrasonic Sensor	Ultrasonic Sensor	Ultrasonic Sensor
Flocculant mixer	NO	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Flocculant preparation	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Automatic	Automatic	Automatic
Sludge level control into sludge tank	Separate sludge tank	Separate sludge tank	4 probes	4 probes	4 probes	4 probes	4 probes	4 probes	4 probes	Ultrasonic sensor	Ultrasonic sensor	Ultrasonic sensor
Filter press	4 plates - 0,8m ³ /8h of dehydrated sludge	4 plates - 0,8m ³ /8h of dehydrated sludge	4 plates - 0,8m ³ /8h of dehydrated sludge	4 plates - 0,8m ³ /8h of dehydrated sludge	4 plates - 0,8m ³ /8h of dehydrated sludge	8 plates - 1,9m ³ /8h of dehydrated sludge	8 plates - 1,9m ³ /8h of dehydrated sludge	8 plates - 1,9m ³ /8h of dehydrated sludge	4 plates - 0,8m ³ /8h of dehydrated sludge	8 plates - 1,9m ³ /8h of dehydrated sludge	8 plates - 1,9m ³ /8h of dehydrated sludge	8 plates - 1,9m ³ /8h of dehydrated sludge
Sludge pressure indicator on filterpress supply	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Analog	Digital	Digital	Digital
Press cycle sensor	Not needed	Probe	Probe	Probe	Probe	Probe	Probe	Probe	Probe	Pressure transducer	Pressure transducer	Pressure transducer
Flushing sludge pump, filter cloths and drainage channel.	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Automatic	Automatic	Automatic

<p>Software- Logic 2.1</p>	<p>Press cycle based on time</p>	<p>Pressing cycles are independently controlled by time and pressure, including operation in silent mode.</p>	<p>Pressing cycles are independently controlled by time and pressure, including operation in silent mode.</p>	<p>Pressing cycles are independently controlled by time and pressure, including operation in silent mode.</p>	<p>Pressing cycles are independently controlled by time and pressure, including operation in silent mode.</p>	<p>Pressing cycles are independently controlled by time and pressure, including operation in silent mode.</p>	<p>Pressing cycles are independently controlled by time and pressure, including operation in silent mode.</p>	<p>Pressing cycles are independently controlled by time and pressure, including operation in silent mode.</p>	<p>Pressing cycles are independently controlled by time and pressure, including operation in silent mode.</p>	<p>Pressing cycles are independently controlled by time and pressure, including operation in silent mode.</p>	<p>The plant runs the pressing cycles independently, concerning any new start as well as controlling each cycle by looking at both time and pressure reached. Silent mode included. Weekly calendar for press included. Maintenance reminder included. Automatic monitor of correct position of valves as well as correct signal of level sensors.</p>	<p>The plant runs the pressing cycles independently, concerning any new start as well as controlling each cycle by looking at both time and pressure reached. Silent mode included. Weekly calendar for press included. Maintenance reminder included. Automatic monitor of correct position of valves as well as correct signal of level sensors.</p>	<p>The plant runs the pressing cycles independently, concerning any new start as well as controlling each cycle by looking at both time and pressure reached. Silent mode included. Weekly calendar for press included. Maintenance reminder included. Automatic monitor of correct position of valves as well as correct signal of level sensors.</p>
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