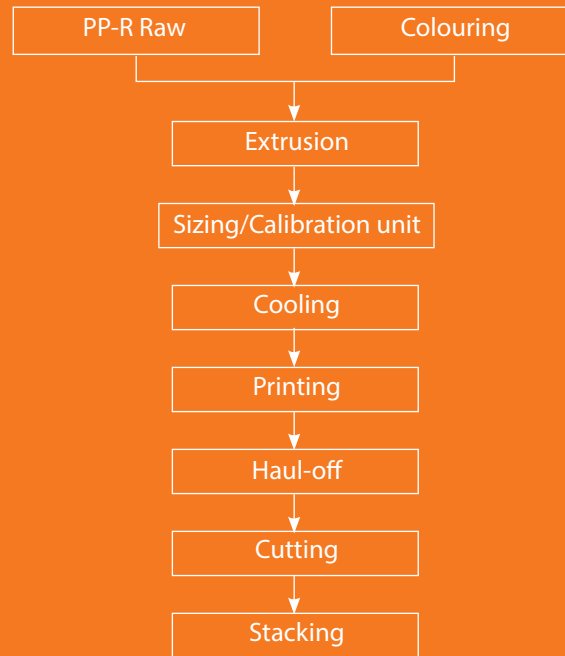


Manufacturing of PPR Pipes

Name of Project	Facility for Manufacturing of PPR Pipes
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Project Location	Gelapukhuri, Tinsukia, Assam
Area Requirement	30,000-35,000 sq ft
Approx. Project cost	INR 50-68 lakh
Project Scale	Production capacity per day @100 Kg/hr for 22 hours- 2,200 Kg.
Process	<p>Material is fed to the extruder hopper either automatically or manually. Start the extruder and increase the speed to get the required thickness and adjust the temperature of extruder barrel to get proper melting and homogeneity of pipe molten material. Feed the molten material to the calibrator fitted to the vacuum tank. Hook the pipe to the lead line and start the haul off. Set the haul off speed to control the pipe thickness and vacuum. Adjust vacuum of vac. Tank to get proper roundness, smoothness of pipe surface.</p> <p>Set the length of pipe to be cut and cutter cuts the pipe after sensing the length set automatically. The printer is set on the pipe to print the pipe details on the pipe. The cut pipes are collected and bundled</p>



Utilities	Electricity: Approximately 120 KW, 3 Phase 440 V+10% 50 Hz
Manpower Requirement	13 workers
Nodal Agency	Assam Industrial Development Corporation (AIDC)