

Manufacturing of Armed Chair and Armless Chair

Name of Project	Facility for Manufacturing of Armed Chair and Armless Chair
Project Location	Gelapukhuri, Tinsukia, Assam
Area Requirement	Armed Chair: 25,000-30,000 sq ft Armless Chair:20,000-25000 sq ft
Approx. Project cost	Armed Chair: INR 177-214 lakh Armless Chair: INR 141-178 lakh
Project Scale	Production Capacity per day per single cavity for 22 hours: Armed Chair: @65 sec per single cavity -1,220 pieces Armless Chair @50 sec per single cavity -1,584 pieces
Process	<p>In this injection moulding process, the cold, hard plastic material is loaded into the machine via hopper, plasticized by heating and then injected under pressure into a cold mould, where it sets and is then ejected as the finished products.</p> <p>The three successive main stages that are followed in the procedure of manufacturing</p> <p>Feeding of PP raw material into the hopper</p> <p>Injection moulding process.</p> <p>Finishing of the moulded product.</p>
Utilities	<p>Note: The manufacturing process for both Armed Chair and Armless chair is the same.</p>
	<p>Armed Chair Electricity (connected Load): 223KW Water: About 200 litre/min</p> <p>Armless Chair Electricity (connected Load): 84 KW Water: About 200 litre/min Water will be circulated through fixed tank capacity is 15,000-20,000 litre</p>
Manpower Requirement	11 workers for Armed Chair 17 workers for Armless Chair
Nodal Agency	Assam Industrial Development Corporation (AIDC)

