

## Extruder



### General Description

The LLDPE raw material with suitable master batch is being fed in to the barrel cylinder through storage hopper. The barrel is preheated by heating zones and suitable temperature control system to process the input material. The rotating screw pushes the material towards die end with uniform and homogenized plastics melt. The screw is rotated by suitable AC motor coupled with heavy duty gearbox. The plastics strands extruded from die are fed in to high speed Pelletiser unit after they get cooled and traveled through SS water cooling tank. Pelletiser cuts the strands in to desired size of pellets which can be collected in to storage silo.

### Salient Features

- Screw & barrel are made of nitro alloy steel, nitrided, finished polished and duly hardened for longer life.
- All Electrical switch gears are of reputed & reliable make.
- Digital temperature controllers for faster heating & energy saving.
- AC variable drive as standard feature for Pelletiser unit.
- Designed for reprocessing & colouring application of LLD, LDPE, HDPE, etc.

### Technical Specification

Particular	Unit	Models			
-	-	AEX-75	AEX-90	AEX-100	AEX-110
Main Motor	kw	18.25	22.25	37.25	45.00
Output in LLDPE	Kgs/hr	120	150	200	250
Floor space Required,	Mtr	7.5x 2.0x 2.0	9.0x3x2.2	9.5x3x2.2	9.5x3x 2.2