

Screw Extruder From <http://>

Characteristics of the equipment?

HL series novel & efficient single-screw extruder is developed by our company adopting German latest advanced technology. Screw optimizes composing separate type screw and mixing parts. Barrel optimizes composing groove barrel and lengthened feeding segment. There is advantage as following by using separate type screw and groove barrel together. It's optimized during material melting process. Thus get more extrusion throughput. It is realized extruding melt material in low temperature. Cutting function is caused through separate clearance and it makes material equal well. It's controlled during melt plasticization process. Therefore only granule smaller than separate clearance can enter melt channel.

Wide manufacture range for different materials. It's suitable for all kind of polyolefin materials and specially for material for HDPE, PP, ABS pipe.

Main technical parameters usde for various pipe extruding

Model	HL1-45-33B	HL1-60-33B	HL1-75-33B	HL1-90-33B	HL1-120-33B
Power of drive (kw)	37	75	110	160	280
Screw diameter (mm)	45	60	75	90	120
L/D ratio	33	33	33	33	33
Torsional moment of screw (Nm)	1600	3600	6300	11200	25000
Capacity HDPE/MDPE, PELLET PP(kg/h)	150	300	450	600	1000
PP,(PELLE)	110	200	320	450	750
Dimention	2200x1440x1950	3000x1440x2000	3660x1550x2200	4230x1675x2200	5370x1860x2400

