BEIER AMERICA

BRD SERIES GROOVED FEED THROAT PIPE EXTRUDERS

Solutions for the highest demands in pipe extrusion

While using a proven modular system, we also provide options to fulfill our customers' requirements and to meet individual performance needs.

- **Maximum performance for processing polyolefin pipe and tubing.**
- **Grooved feed throat for high throughput rates.**
- **Accurate temperature control system on the feed section to match different resin requirements.**
- **Barrier screw designs and advanced mixers achieve higher plasticizing rates with a high melt quality.**
- **A more accurate temperature control system.**
- **Gearboxes with high torsion balance for very stable processing conditions.**
- **H shape frame to minimize vibration.**
- **PLC (Simatic Multi Panel) operator panel to ensure production synchronization.**
- **Energy efficient with low power to throughput ratios.**

UL/CSA Compliant Electrical Components

Model	BRD60/38	BRD75/38	BRD90/38	BRD120/38	BRD150/34
Drive capacity (kw)	110	160	250	315	355
Maximum screw speed (rpm)	230	185	150	106	95
Power/Rate Ratio	0.28	0.28	0.24	0.28	0.27
Output range for HDPE (kg/h)	400-450	550-560	850-900	1000-1100	1250-1350