

CO-ROTATING TWIN SCREW EXTRUDER



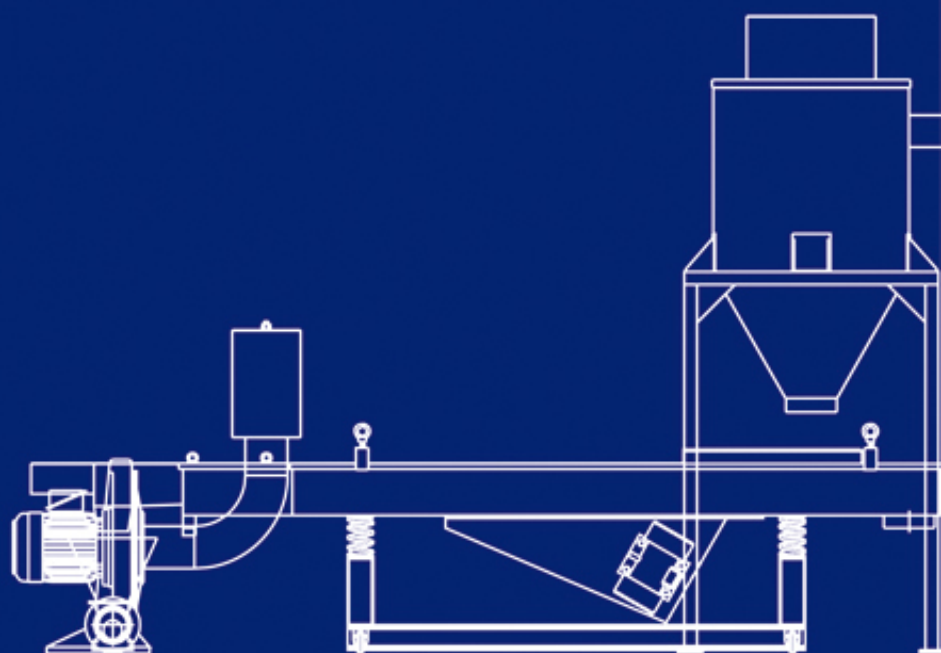
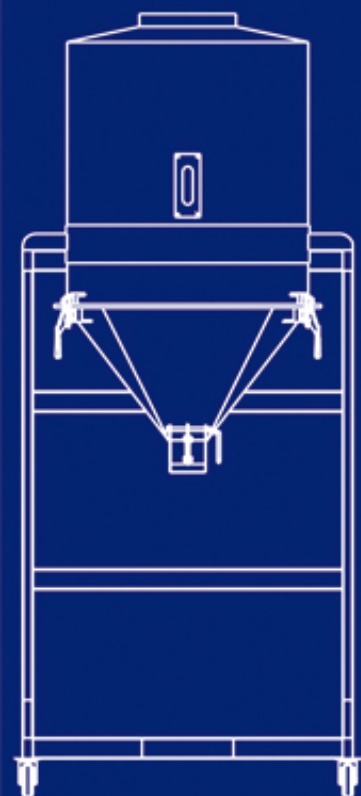
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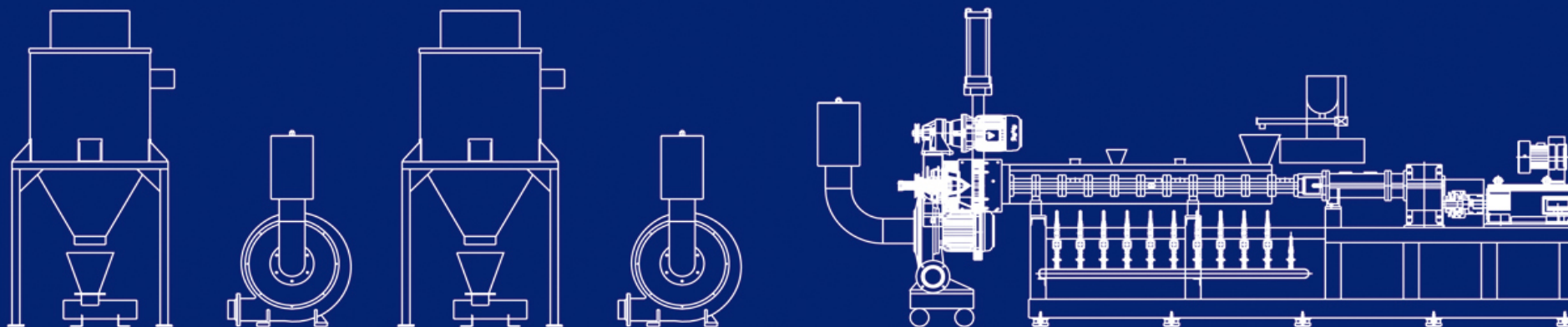
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CE ISO 9001:2008



Model

Reference coefficient	GDT 32/26.2	GDT 42/35	GDT 58/48	GDT 72/60	GDT 77/64	GDT 92/76	GDT 112/90
Screw diameter	32	42	58	72	77	92	112
Channel depth	5.8	7	10	12	13	16	22
Drive power	11~22	30~55	75~132	110~160	150~300	240~528	560~870
Motor speed	1800	1800	1800	1800	1800	1800	1800
Screw speed	360/600	600	360/600	360/600	360/600	360/600	360/600
Diameter ratio	1.58	1.53	1.53	1.52	1.5	1.56	1.64
Torque per screw	198	413	1098	2450	2578	4202	6923
L/D ratio	16~48	16~52	16~52	16~48	16~48	16~48	16~48
Approx Wt(L/D:40/1)	~1050	~2400	~3600	~5500	~5900	~7800	~13000
Heating Capacity	10	25	36	60	65	95	135
Cooling water 20℃	30	35	45	70	75	105	360



- Screw elements and kneading blocks of different geometries are put together as required by the process.



- Standard barrels are available in nitrided steel or in wear/corrosion-protected design.



FEATURES:

- The barrel is manufactured from special Bi-metal steel, featuring maximum durability and long service life.
 - Special screw and barrel assembly design suits the processing of various plastic materials.
 - Side feeder allows for adding fiberglass or other additives.
 - Deep channel design of the screw upgrades production capacity.
 - Involute splined shaft provides higher torque resistance capability.
 - Standard screw speed up to 580RPM assures superior material quality and high production efficiency.
 - Choice of various models such as 32HT, 42HT, 58HT, 70HT and 92HT. Also available to equip with various auxiliary equipment and pelletizing system, such as side feeder and
 - Loss-in-weight, etc.
- Twin screw is precision engaged and run in same directions. This provides self-cleaning function without jamming problems.
- Heavy-duty gearbox employs a forced lubrication system with adjustable lubrication pressure ensuring extremely smooth running.
- Enclosed dust resistant control box use PC or PID controller provides user-friendly operation.

APPLICABLE MATERIAL:

composite material, glass fiber additive, chemical reaction, wood powder additive micro pellets etc, such as PC, ABS, Nylon, LCP, PPS, TPU, TPR, TPE, SEBS, PLA, PVA and TPV.



