



SB 100 & SB 50 STRAND PELLETIZER

The SB series of strand pelletizers is a cost effective, easy to clean, robust pelletizing system, designed to process the entire range of thermoplastics. From the soft rubber-like Elastomers to a highly filled & reinforced Nylon. The machine is designed as a production unit able to run 24 hrs a day, 7 days a week, but is also a good fit for the laboratory environment.



Clean & Simple design



Easily removable infeed
chute for thorough
cleaning



Removable Discharge
Chute & Push-Pull Bed
Knife Gap Adjustment



SB 100 Shown

Standard Features:

Easy Access: No tools required to open the exterior cutting chamber cover.

Safety: A unique designed interlock system prevents one's ability to bypass the switch with a simple bolt or pen.

Cleanability: Our robust design is rugged and easy to clean.

Feed Table: This machine is supplied with removable feed table assembly.

Upper Feed roll: With a simple design, the upper roll remains parallel to the lower feed roll when multiple strands are being processed, resulting in a uniform pulling force on all strands

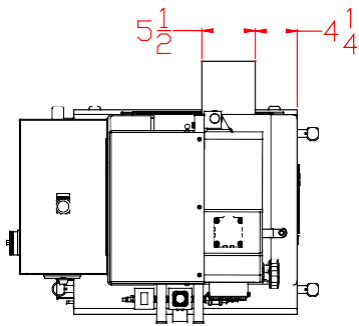
Pulling Force: Large pneumatic cylinder and upper roll design this unit out performs all others in its class.

Pneumatic Cylinder: This cylinder is a large 64mm bore and located on the cover for optimal pulling force and conveniently swings away for cleaning

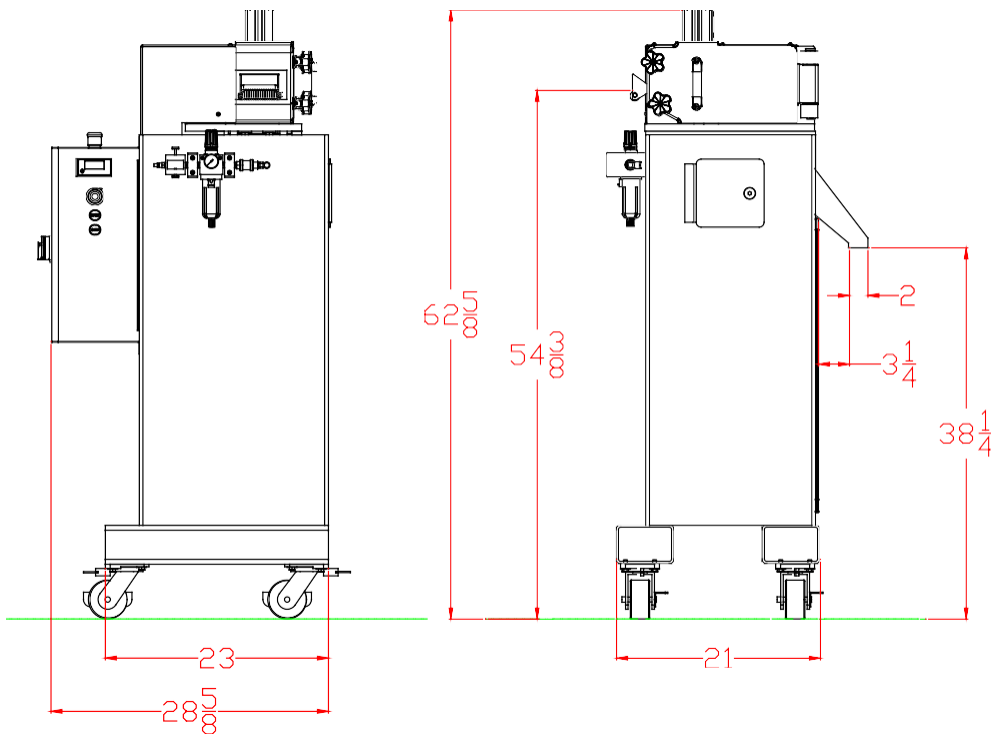
Other Standards:

- ✓ Push-Pull bed knife adjustment
- ✓ Eccentric mounted bearings for lower feed roll gap settings
- ✓ four edge solid tungsten carbide bed knife
- ✓ Stellite tipped rotor
- ✓ special diamond knurled lower feed roll
- ✓ Hypalon covered upper feed roll
- ✓ AC variable frequency drive
- ✓ stainless steel cutting chamber
- ✓ aluminum cover assembly and aluminum topplate.

Technical Data:



Product	Specific Gravity (gr/cm ³)	Throughput lb/hr/strand Based on 3mm x 3mm pellets		
		14 Tooth	20 Tooth	36 Tooth
Rotor cutting edges		14 Tooth	20 Tooth	36 Tooth
Strand Velocity (m)/min.		10 to 32	15 to 46	27 to 82
PP, PE	0.90	30	43	78
PA 11, PA 12	1.00	33	48	86
PA 6/6	1.15	38	55	99
PMMA, GPPS, ABS	1.05	35	50	90
ASA, HIPS, SAN	1.05	35	50	90
PUR	1.10	37	52	95
PET, PBT, PC	1.20	40	57	104
PET, PBT, PC, PA +15% to 50% Glass fill	1.30	43	62	N/A



	SB 100	SB 50
Rotor Diameter – Inch (mm)	6 (150)	6 (150)
Feed Opening – Inch (mm)	3-3/4 (95)	1-3/4 (45)
Motor Size – HP (kW)	2 (1-1/2)	2 (1-1/2)
Strand Capacity*	15	8
Drive	AC Variable Frequency	

* Based on 1/8" (3mm) diameter

Available Options

- 14 Blade Bolt on Type Rotor
- 20 Tooth Cemented Carbide Rotor
- Wear Package
- 36 Tooth Stellite Tipped Rotor
- Tool Steel Rotors
- Special Bed Knife Materials
- Dual Drive with Independent Control of Feedroll Speed and Rotor Speed
- Extra Horse Power
- Special Coverings on Upper Feedroll
- Special Surfaces and Coatings on Lower Feedroll
- Custom Heights
- Custom Discharge Chute Configurations
- Work Platforms
- Water Baths

Specifications and design subject to change without notification



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