

HAF SERIES



Under-the-Press Auger Feed Granulators

CUSTOM ENGINEERING FOR TROUBLE-FREE SIZE REDUCTION

Meet the real workhorse in automated scrap recovery. Rugged, quality constructed Sterling Auger-Feed Granulators deliver efficient, dependable size reduction in a system built for years of continuous service. Compact, low profile design with oversized, heavy-duty auger insures reliable feed. Exclusive screen drawer and hinged lid provide complete chamber access for quick, easy clean-out. Unit does not have to be removed from press for cleaning. Because no special tools are required, complete cleaning takes only 7 to 15 minutes. Units are available in a full range of sizes and options to meet a variety of automated scrap recovery requirements.



Features

- Slant cut shearing design
- Heavy-duty steel welded construction
- One-piece reverse-flight auger
- Heavy-duty rotor chain drive
- NEMA 12 magnetic across-the-line starter control
- Casters: two (2) swivel, two (2) fixed
- Reversible screens
- Meets OSHA safety requirements
- Drum reverser control
- Lockable, fused disconnect
- Hinged cutting chamber cover

Options

- Hardface welding on cutting chamber and rotor (not available on HAF 1216)
- Base leg extensions: 3" (7.6 cm); 4" (10.2 cm); 6" (15.2 cm)
- Enlarged collection bin for base leg extensions
- Bin level monitor
- Fan unloading system
- Basic hopper:
 - Over chamber
 - Over auger
- Auger infeed chute; Type R, L, or U per Bul. ME-62
- Add per inch (25.4 mm) auger extension
- Adjustable fifth (5th) wheel at auger end
- Zero speed switch
- Ammeter with alarm light
- Special paint, single color (supplied by customer)
- D2 rotor knives, each; 3 rotor, 2 bed
- Carbide coating for knives (adder), per set
- Screens:
 - 1/8" (3.18 mm) hole, each (HAF 1216, consult factory)
 - 3/16" (4.76 mm) hole, each
 - 1/4" (6.35 mm) or 5/16" hole, each
- Carbide coating for screens (adder)

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SPECIFICATIONS

Model	HP	Blades: rotor/bed	Rotor Cutting Circle, in. (mm)	RPM	Cutting Chamber Opening, in. (cm)	Auger			Avg. Thruput, lbs./hr (kg/hr) ¹	Floor/Trough Height, in. (cm)	Open Screen Area, sq. in. (cm ²)	Approx. Dim., in. (cm)			Ship. Weight, lbs. (kg)
						Outer Dia., in. (mm)	Core Dia., in. (mm)	RPM				H	W	L	
HAF-68	3	3/2	6 (152)	650	6 x 8 (15 x 20)	6 (152)	2 3/8 (60.3)	70	175 (79)	18 (46)	18.02 (46)	49 (125)	28 (72)	55 (140)	650 (296)
	5														
HAF-812	5	3/2	8 (203)	620	8 x 12 (20 x 30)	9 (229)	2 7/8 (73.0)	70	250 (113)	25 1/4 (65)	25 1/4 (65)	57 (145)	35 (89)	82 (209)	591 (1300)
	7.5														
HAF-1216	10	3/2	12 (305)	560	12 x 16 (30 x 40)	12 (305)	3 7/8 (98.4)	70	450 (204)	32 1/2 (83)	32 1/2 (83)	69 (176)	48 (122)	88 (224)	2400 (1090)
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¹ Throughput based on 3/8" (9.525 mm) screen. Different forms and types of material may change rates.

DIMENSIONS

Model	A	B	C	D	E
HAF-68	55"	49.25"	18"	28"	20.75"
HAF-812	81.5"	57"	25.25"	34.5"	43.5"
HAF-1216	87.5"	68.5"	32.25"	48"	44"

