




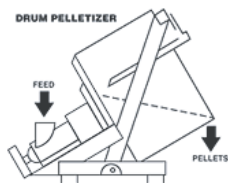
*A global leader in agitation agglomeration technology —
the conversion of fine powders and dusts
into spherical pellets.*

Deep Drum Pelletizer

The Mars Mineral Deep Drum Pelletizer is an inclined, deep-drum unit featuring an integral, rear-mounted auger feeder. Its deep-drum design makes it ideal for applications requiring long retention time for densification and the production of large-diameter pellets. The Deep Drum Pelletizer is an excellent choice for applications that require large, dense pellets for recycling, transportation or disposal.

Deep Drum Pelletizer	Used as Pelletizer	Used as Mixer	End Product		Capacity
			Size	Shape	
	Yes	No	0.25 - 1.5 in. dia. 6.3 - 38.1 mm	Spherical	25 - 3125 ft ³ /hr 0.71 - 88.4 m ³ /hr

- Inclined deep-drum design
- Versatile unit for broad range of applications
- Integral rear auger feeder
- Compact and self-contained



The Deep Drum Pelletizer's low headroom requirement allows for installation in existing structures and the patented, rear-feed auger provides an excellent opportunity to mix dry binders when required.

The drum of this pelletizer provides 30° angle adjustment and incorporates a binder spray system and adjustable wear-resistant scrapers. Other features of the unit include 1800 rpm motors with gear reducers and the specially-designed auger feeder.

Material enters the drum center through the feeder from the rear. This feeder consists of a larger conditioning auger which surrounds the feed auger. The conditioning auger arrangement eliminates material bridging in the feed hopper.

Because the feed enters below already-processed material in the drum, dusting is kept to a minimum. This feature augments the unit's compact design, making it particularly suited for installation in space-restricted areas.



Deep Drum Pelletizer Specifications

Model	Diameter	Capacity (ft ³ /hr)	Capacity (m ³ /hr)	HP1	HP2	Length	Width	Height	Weight (lb)
D-20	2'	25	0.71	1.5	1.5	5'-0"	3'-6"	5'-5"	1,400
D-30	3'-2"	75	2.12	5	2	7'-4"	4'-5"	6'-1"	2,700
D-40	4'-6"	150	4.25	10	5	9'-6"	5'-11"	8'-9"	6,000
D-60	6'	300	8.5	25	10	12'-6"	8'-3"	10'-0"	12,500
D-70	7'	500	14.2	30	10	15'-1"	10'-4"	12'-8"	15,000
D-80	8'	750	21.2	40	15	15'-10"	10'-4"	13'-1"	25,000
D-100	10'	1,500	42.5	60	15	19'-2"	12'-10"	15'-7"	50,000
D-120	12'	2,000	56.6	75	20	22'-11"	15'-9"	19'-6"	66,000
D-140	14'	3,125	88.4	100	20	27'-0"	18'-9"	20'-9"	92,000

HP 1 = Drum

HP 2 = Feeder

Note: Capacity based upon free flowing material.

Specifications and dimensions are for general use only.

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