



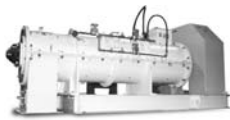





Pelletizers at a Glance

Pelletizer	Used as Pelletizer	Used as Mixer	End Product		Capacity (tons/hour)
			Size	Shape	
 Deep Drum	Yes	No	1/4" to 1-1/2" dia.	Spherical	.5 to 125
 Disc	Yes	No	20 Mesh to 1-1/2" dia.	Spherical	.5 to 125
 Pin Mixer	Yes	Yes	50 Mesh to 4 Mesh	Spherical	.25 to 80
 Ampel Conditioner	Yes	Yes	4 Mesh to 1" dia.	Irregular	.5 to 50
 DP-14 Agglo-Miser	Yes	No	20 Mesh to 1-1/2" dia.	Spherical	Bench Scale
 Mobile-Pak	Yes	Yes	50 Mesh to 1-1/2" dia.	Spherical or Irregular	.5 to 3

MARS MINERAL




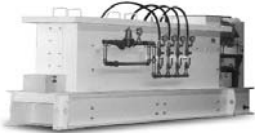
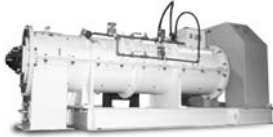

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Pelletizers at a Glance



Pelletizer	Description
 Deep Drum	The Mars Drum Pelletizer , an inclined, deep-drum unit, features an integral, rear-mounted auger feeder. Its deep-drum design makes it ideal for applications requiring long retention time for densifying. It is also an excellent choice for applications that require large, dense pellets for recycling, transporting or disposing.
 Disc	The Mars Disc Pelletizer , an adjustable-pan device used in micro-pelletizing, pelletizing and conditioning applications which require a shallow pan and smaller retained burden, can be used to pelletize a variety of materials including taconites, earthy hematites, copper, nickel, lead and zinc concentrates. It is also ideal for pelletizing reclaimed sludge, moist filter cakes, coal, flue dusts, fertilizers and ores.
 Pin Mixer	The Mars Pin Mixer is a pin-type solids processor designed for applications requiring high-energy input to materials for mixing or micro-pelletizing. Using the action of a high-speed rotor shaft and liquid additions, such as water, binders, surfactants or oil, this machine converts dust into small agglomerates.
 Ampel Conditioner	The Mars Ampel Horizontal Pelletizer - a rapid-agitation device used to mix, condition and pelletize dust, fine powders and other materials - produces either a conditioned, wetted product or a granular, free-flowing agglomerate. Featuring a wide range of applications for conditioning and pelletizing, its capacity ranges from one-half tph to 50 tph.
 DP-14 Agglo-Miser	The "Agglo-Miser" laboratory pelletizer, a multi-depth, bench-scale unit, is ideal for a wide range of batch and/or continuous tests for powder and dust pelletizing. Designed with three adjustable pan depths, a selection of pan speeds and a variety of pan angle variations, the Agglo-Miser can be operated either as a shallow disc or a deep drum, producing either micropellets, granules or large balls.
 Mobile-Pak	The Mars Mobile-Pak portable pelletizing system is ready for operation after only one electrical and one water connection and can be outfitted with a Disc Pelletizer, Deep Drum Pelletizer, Pin Mixer or Ampel Conditioner, depending upon customer requirements. Available for sale, as a rental unit and on a service contract with operators, the Mobile-Pak turns dust into free-flowing pellets for easy recycling or disposal.