

Vigilante Mining Equipment VME-24 Specifications

Applications	Production, Exploration, Bulk Sampling, Mineral & gem mining, Recreational use
Capacity	The VME-24 is rated according to nominal capacity based on bank-run material. This material is typical of Placer deposits which consist of large and small rocks, clay, sand, dirt, etc.. This unit can either be fed with a backhoe, mini-excavator or a skid-steer dumping all material over the standard 4" grizzly or remove the attached grizzly and use our feed conveyor with grizzly and pre-size material to keep a more constant and steady feed into the wash plant. The effective capacity of this model is 5 to 8 YPH.
Drive System	This unit is driven by a 1 HP 230vac single phase 60 Hz electric motor with waterproof enclosure with a Heavy Duty 40:1 gearbox capable of withstanding even the toughest conditions. This unit has been designed to run at an optimal rpm.
Electrical Supply Requirements	This unit is designed and is powered by the supplied 3500 watt generator. The unit comes wired with a 35 ft power cord with twist--lock connector at generator.
Water Supply Requirements	This unit is designed to use the supplied 2" water pump delivering 160-180 gallons per minute
Feed Material	Feed material is dumped over the on-board 4" grizzly to facilitate a thorough scrubbing of the material before discharging either over the standard rotary screen or the optional Flat Deck Screen.
Barrel / Screen	Barrel Dimension is 24" dia and 7 ft. overall length,(12" inlet flare, 48" scrubbing section and a 24" x 1/2" screening section)
Feed Hopper	This unit is gravity/water fed and has a built-in (removable) 4" grizzly
Sluice Boxes	The unit comes complete with (2) 4ft long x 18" wide sluice boxes that connect to the discharge hopper via a 24" long flare assembly, which can be mounted from either side of the wash plant
Dimensions:	Length: Approx. 10 ft with hoppers and screen attached
	Width: Fame 49" Outside width at fenders 63"
	Height: Assembled (grizzly height) approx. 90"
	Weight: 2,400 lbs. Complete with generator & water pump, all accessories
Options.	Many option available for these units including: Magnetic Separator, Jigs, Flat Deck Screen, Conveyors(feed & tails), Sand Screw and others.
Shipping Info.	20' Sea Container will hold 2 completely assembled units, Crated units are less bulky and the same 20' container will hold 3 units. International custom code : HS#8474.10.90.30 (Machinery: separation machine, stones, ores or other mineral substances)
Manpower	This unit can be operated by 1 person, though due to safety concerns a minimum of 2 people are recommended.

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