



Vigilante Mining Equipment

VME-36 Specifications

Applications	Exploration, Production, Bulk Sampling, Mineral & gem mining,
Capacity	The VME-36 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 washplant. The effective capacity of this model is 25 YPH.
Drive System	This unit is driven by a 7.5 HP 230vac three phase 60 Hz electric motor with waterproof enclosure with a Heavy Duty 20:1 gearbox capable of withstanding even the toughest conditions. This unit has been designed to run at an optimal 21 rpm.
Electrical Supply Requirements	This unit is designed to run on 3 phase power with a minimum 15kw generator. The unit comes wired with a 35 ft power cord with twist--lock connector at generator.
Water Supply Requirements	The unit is designed to use a 4" water pump (supplied) delivering 320-380 gallons per minute. The unit comes complete with (1) 50ft 4" layflat discharge hose and (1) 20ft by 4" suction hose with metal foot valve. All hoses include cam-lock fittings.
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 36" dia and 10-1/2 ft. overall length,(18" inlet flare, 72" scrubbing section and a 36" screening section)
Sluice Boxes	Unit Consists of (2) 30" x 48" sluice boxes. Box #1 has 30"x36" 3M carpet and 3.5# expanded metal, Box #2 has 30"x48" 3M carpet & 3.5# expanded metal - connected with latch system to give an overall length of 8 feet for thorough classification & seperation.
Feed Hopper	This unit is gravity/water fed and has a built-in (removeable) 4" grizzly
Dimensions:	Length: Approx. 12-1/2 ft with hoppers and screen attached
	Width: Fame 66" Outside width at fenders 90"
	Height: Assembled (grizzly height) approx. 108"
	Weight: 3,750 lbs. Complete with all accessories
Options.	Many option available for these units including: Magnetice Seperator, Jigs, Flat Deck Screen, DSM Screen, Conveyors(feed & tails), Sand Screw and others.
Shipping Info.	20' Sea Container will hold 1 completely assembled units, Crated units are less bulky and the same 20' container will hold 2 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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