Model:
VTMH-48-SS

Shaker Screener

Manufacturing Mass Finishing Solutions

Overview

CLM Vibetech, Inc. shaker screeners are intelligently engineered, professionally designed and robustly constructed to provide efficient and effective separation results. As the demand for fast, efficient and controlled separation of parts and media continues to rise, the shaker screener is an innovator, elevating productivity, reducing costs and improving quality for industries globally.

Shaker screeners are an integral part of any mass finishing product line because they are the most effective way of separation. They are constructed of heavy-duty steel to ensure longevity in the life of the machine. Twin electric vibratory motors create the linear motion and vibration required to transfer the mass forward and generate enough vertical action to aid in separation. In most applications, the media or screened material is dropped to a lower level, moved to the end of the machine, and then discharged into the customer's bin/hopper. In most applications, the dual deck design allows the shaker screener to not only screen media from parts, but to also classify the media and remove any unwanted chips, small media fines or excess water. Additionally, material flow rates are easily adjusted by manipulating the weights on each motor, thus changing the vibration and feed intensity.

With their efficient operation and affordable price, shaker screeners have become the preferred separation solution for a variety of industries, including but not limited to: automotive, aerospace, manufacturing, electronics, metal working, medical and industrial. From engine components, surgical instruments and aircraft parts to utensils, circuit boards and automotive parts, the application options are endless.

The wide range of models available ensures the optimal solution for specific and unique material application requirements. The Vibetech shaker screener can also be 100% custom designed by adding any number of advanced optional features, such as rinse bar, step down, caster set and media classifier – meaning we can build the machine to your specifications and applications, where performance meets or exceeds your expectations.

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Advantages

- External additional screening for process efficiency
- Media classification eliminates media lodging in parts
- Dewatering enhances downstream drying processes; dryers use less amperage which saves energy
- Reduced labor costs
- Optional variable frequency drive
- Caster option for portability
- Batch integrity

Results

External screening from a Vibetech shaker screener allows for additional separation and thus provides process efficiencies. Media classification prevents media from lodging within parts and eliminates the need to manually remove the media, which improves quality and reduces labor costs. Additionally, dewatering enhances downstream drying processes by requiring less amperage and ultimately saving energy.

Contact us today to learn more about how this versatile and portable machine can provide a faster, more efficient, and cost-effective screening solution for your company.

Key Features

- Twin electric vibratory motors
- Removeable side boards protect parts and hold screens in place
- Linear motion and vibration transfer the mass forward
- Weight adjustment allows for varied vibration intensity
- Heavy-duty steel construction ensures longevity in the life of the machine
- Simple controls and easy installation
- Low power consumption
- Screens can be customized for the application

Specifications

MODEL	Effective Screen Width	Effective Screen Length	Floor Space Required	Standard Load Height	Primary Discharge height	Screened Material Height	Motor HP	Full Load Amps at 480 Volt
VTMH-1830-SS	16.5”	30”	2’ x 3’	26”	24”	16”	0.24	0.8
VTMH-48-SS	22.5”	48”	3’ x 5’	40”	36”	24”	0.61	1.8
VTMH-60-SS	22.5”	60”	3’ x 5’	40”	36”	24”	1.2	3.2
VTMH-72-SS	22.5”	72”	3’ x 7’	40”	36”	24”	1.2	3.2
VTMH-96-SS	22.5”	96”	3’ x 9’	40”	36”	24”	1.9	4.6
VTMH-3696-SS	34.5”	96”	4’ x 9’	40”	36”	24”	1.9	4.6

*Two motors per machine. Other heights and sizes available upon request.

Proudly built in the USA

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