

Vibroscreen<sup>®</sup>:  
A plant  
that will follow you  
anywhere.



Model 75 with optional conveyor

  
**Vibrotech**

# Multi-purpose vibratory screens

With a solid reputation for its heavy-duty reliable products, Vibrotech offers a complete line of mobile vibratory screens specifically designed for deployment in sites that are not permanent, e.g. quarries, sand and gravel pits, or for use by companies involved in landscaping, composting, landfill and soil decontamination.

## Mobile vibrating screens: Features prized by contractors

- Vibrotech mobile screens enable you to move your soil treatment equipment for maximum profitability.
- Their adaptability and versatility can lead to new market opportunities.
- Boost your productivity by producing and distributing your own refined materials.
- Capitalize on materials that used to be discarded.
- Make your existing heavy equipment more cost-effective.
- Tow the screens at legal speed on public highways.
- No specialized operator required.
- Made by a leading Canadian manufacturer of vibrating equipment.

## Remarkable efficiency and exceptional productivity



Model 55-C and Model 75-C

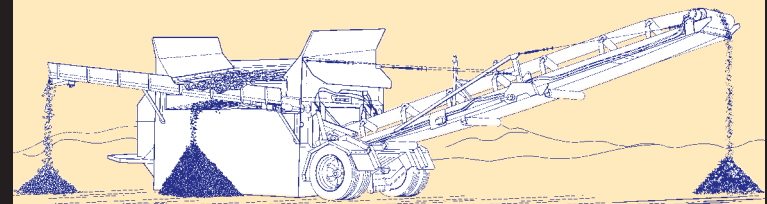
## Modular design

The modular design of our mobile screens means that:

- They can be adapted easily;
- Optional equipment can be added without the assistance of the manufacturer;
- Productivity is given a boost;
- Materials can be sorted into three (3) categories in a single operation;
- Screens can be replaced in 20 minutes.

## Easy discharging of material

Refined material can be discharged directly onto a truck by means of a conveyor or onto the ground for handling by a bucket loader. Sufficient headroom beneath the screen allows unimpeded bucket loader operation. The models equipped with a conveyor have a rubber vibrating plate that prevents feed blockage.



## Engines up to any challenge

The mobile screens are equipped with Perkins, Isuzu, Caterpillar, John Deere, Cummins or Kubota engines (others available on request) depending on standard design and customer preference.

- Maximum engine efficiency for screening of certain materials
- The required horsepower to drive optional peripheral equipment
- A fuel tank that allows up to 20 hours of uninterrupted operation.

## Easy to move

- Can be safely towed on highway thanks to spring-mounted suspension, air brakes (except model 40), radial truck tires, running lights as well as compliance with North American highway code dimensions.



Model 55 and Model 75

- Wheels are raised and lowered using a heavy-duty hydraulic cylinder.
- The screen can be attached to the tow vertical by a conventional hook or fifth wheel arrangement.
- Can be set up and fully operational five minutes after arrival on site.
- The front of the screen is hydraulically raised and lowered to facilitate hook-up to the towing vehicle.
- The discharge conveyor can be deployed rapidly through heavy-duty hydraulic cylinders and a high-volume hydraulic pump installed as standard equipment.



Model 40 Box (front view)



Model 40 Box (back view)

## Long-lasting screens and easy maintenance

All Vibrotech screens are manufactured using heavy steel plate with extra strength reinforcing steel at high load points. Surfaces subject to frequent impact loading are manufactured using abrasion-resistant steel plates.

- Four (4) strategically located grease fittings lubricate the screen completely (only once after every 40 hours of heavy use).
- All bearings used are designed for vibratory equipment.
- All replacement components (mechanical, hydraulic or electric) are readily available from your local supplier or from Vibrotech.



- The engine on a Vibrotech screen is located in a steel, weatherproof cage that prevents vandalism and facilitates engine and hydraulic pump maintenance.

## A full range of accessories and options tailored to your needs

Vibrotech screens can include sturdy and practical optional accessories designed to meet your particular needs.

- Loading conveyor
- Oversize or rejects conveyor (lateral)
- More powerful engine to accommodate auxiliary equipment
- Auto-feed feature

## Vibrotech: The Motion Masters

Vibrotech, specialized in the manufacture and distribution of a wide gamut of vibrating equipment, is a trusted leader in the field and has mastered the finer points of separating and conveying materials using vibratory equipment.

### Technical data

Specifications	SCM-40 Box	SCM-75 Box	SCM-55-C (conveyor)	SCM-75-C (conveyor)
Overall length (basic model)	20' 7"	24' 9"	44' 9"	47' 0"
Travel height (basic model)	10' 7"	11' 10"	11' 3"	12' 2"
Overall width	7' 11"	8' 4"	8' 4"	8' 4"
Total weight (basic model)	12 000 lbs	21 000 lbs	26 560 lbs	31 187 lbs
Towing rig (basic model)	hook	fifth wheel	fifth wheel	fifth wheel
Brakes	electric	pneumatic	pneumatic	pneumatic
Working components	hydraulic	hydraulic	hydraulic	hydraulic
Engine type/Power	diesel/33 HP	diesel/50 HP	diesel/60 HP	diesel/80 HP
Screen working area	40 sq. - ft.	75 sq. - ft.	55 sq. - ft.	75 sq. - ft.
Opening under screen	9' 6"	12' 6"	n/a	n/a
Loader capacity	1-3 cu. - yd.	6 cu. - yd.	3 cu. - yd.	6 cu. - yd.
Capacity	up to 100 cu-yd/hr	up to 300 cu-yd/hr	up to 180 cu-yd/hr	up to 300 cu-yd/hr

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