

B230

HIGH PERFORMANCE SPECIALIST
MOBILE BIVITEC SCREEN



B230

Specialist BIVITEC Screen

The McCloskey B230 is the most innovative mobile BIVITEC screen available. With the largest hopper in its class and BIVITEC system, this machine is certainly a world leader.

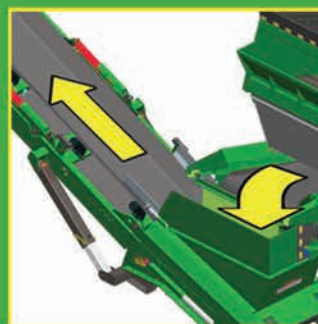
"The B230 BIVITEC screen is the best mobile solution for high volume processing of difficult-to-screen, wet sticky materials. After trialling lots of other machines, we have found the efficiency and productivity of the B230 to be second to none."

Ronan Ghosh, RG Recycling Ltd, UK

Features & Benefits



BIVITEC screenbox
Large 1.6M x 5.75M screenbox fitted with BIVITEC screening mats to produce the finest product from traditionally difficult-to-screen materials.



Wide chutes
Optimal chute and side conveyor hopper design minimises potential blockages and spillage during high production operation.



11.5m³ (15.1³ yd) hopper
1150mm (60") feed belt, or optional Hardox plate apron, allows for free flow of material and high volume capacity.



Accessible engine bay
Provides excellent accessibility to the traverse mounted 225hp Tier III CAT diesel engine and hydraulics.

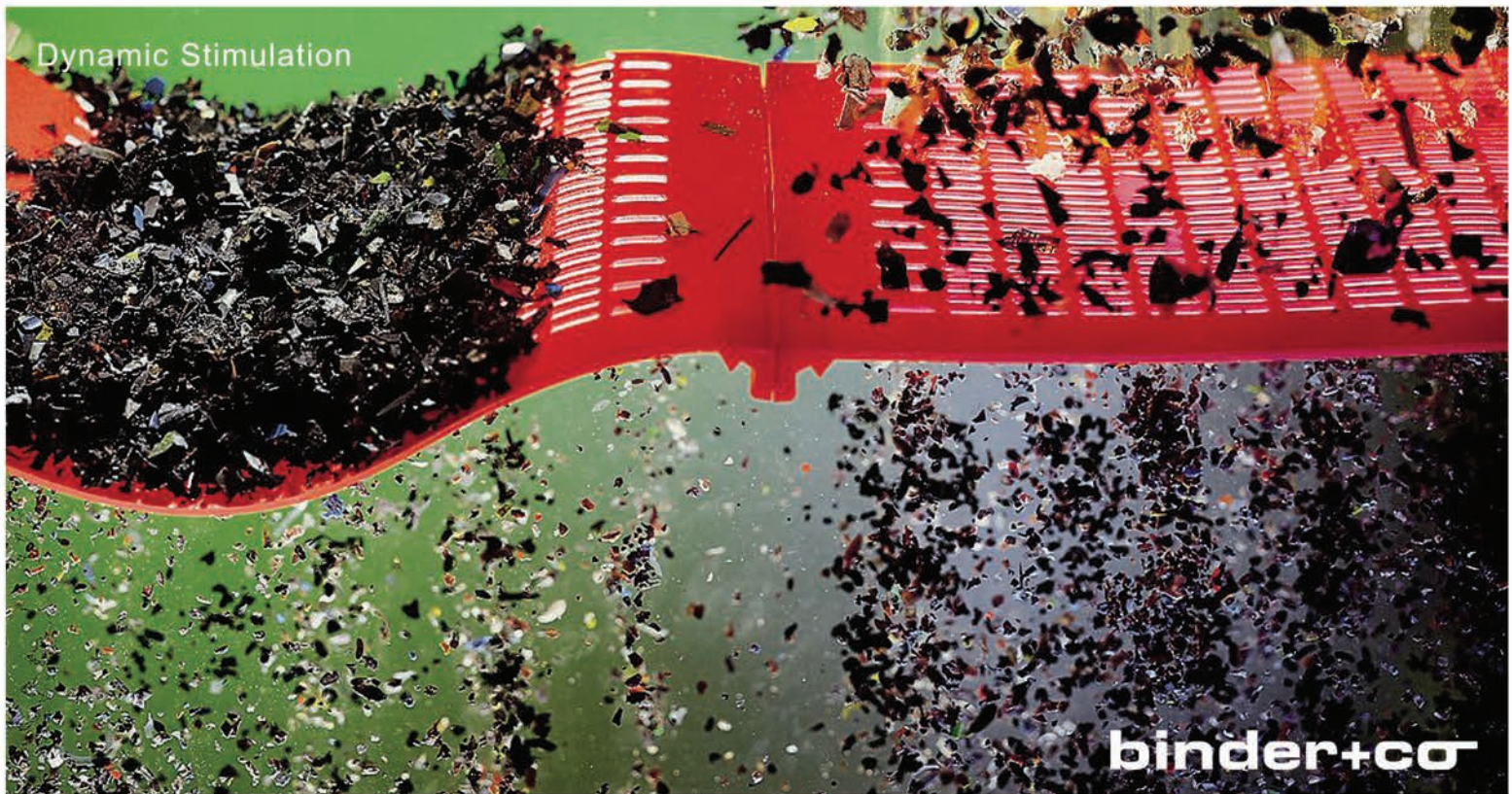


Large loading area
Hydraulic folding wing plates provide a rear feed loading target of 3.8m (12'6") wide.



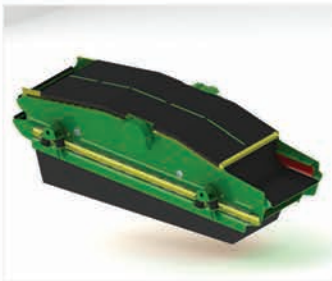
User friendly controls
Universal, user friendly controls (as standard in McCloskey machines) contribute to a 10 min set up time.

Dynamic Stimulation



BIVITEC Advantages

BIVITEC screening machines are designed to screen as low as **0.08mm**.



BIVITEC screens start where others fail

Traditional screen surfaces will blind or peg when attempting to process any contaminated material such as wet clay. BIVITEC screening systems are designed specifically to avoid this buildup and keep the screening surface clear.



One drive, dual vibration

The dual vibration of BIVITEC screening machines comes from a simultaneous "fundamental oscillation" and a "linear vibration". During this process, high acceleration rates are achieved by expanding and contracting the dynamic screening mats.



"Ox-Horn" design

Prevents wear between the screen mats and the side plates of the machine as well as the mixing of overflow particles in between side plates. This will reduce maintenance time and labour costs whilst increasing operating efficiency.



Screwless fixing

Screen mats are fixed without screws to ensure quick and easy maintenance and to prevent caking.

For example, changing a screening area of 10m² can take less than an hour.

Chassis Specification

Transport Length: 16.76m (54'-11")

Transport Height: 3.5m (11'-5")

Transport Width: 3.0m (9'-10")

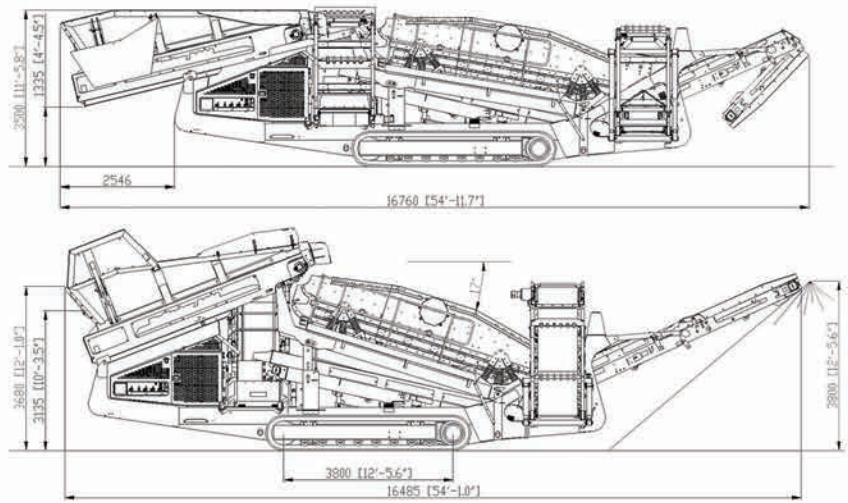
Weight: 42,500kg (93,695 lbs)

Belt width: 1500mm (60")

Belt spec: Heavy Duty Plain 500/4 8+2

Flow rate: 101.2 Lpm (26.7 US gpm)

Max speed: 16.7 rpm



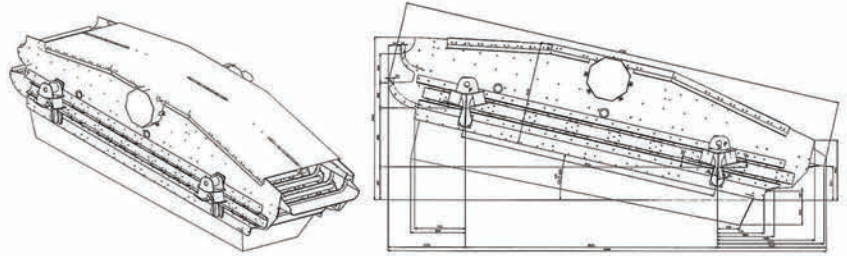
Screenbox Specification

Width: 1.6m

Length: 5.75m

Inclination: 10° - 18°

Mounting: Screwless BIVITEC system



McCloskey

Equipment Ltd