

**EAGLE IRON WORKS**

# HORIZONTAL SCREENS

EIW Horizontal Screens provide efficient material separation and precise particle sizing with a low-profile design that is ideal for portable plants and stationary installations where height is limited. These screens deliver reliable performance in space-constrained operations.

Equipped with a triple-shaft mechanism, EIW Horizontal Screens produce an adjustable oval stroke ranging from 30 to 60 degrees, generating the high G-forces needed for effective material stratification and precise particle separation. This design improves screening efficiency and ensures dependable operation across a variety of applications.

The stroke length, speed and amplitude are adjustable, allowing operators to optimize the screen's performance for specific feed conditions. This flexibility makes EIW Horizontal Screens well-suited for handling different material types and separation requirements. The aggressive oval stroke minimizes plugging and blinding of the screen media, ensuring continuous operation and maintaining screening performance.

These screens are available in multiple configurations for coarse scalping and fine separation applications. For wet screening applications, an optional water manifold and spray bar system can be added to assist with material washing and fines removal.



## Design Features

Grade 50 side plates provide twice the strength of standard steel

Quick knockouts enable easy adaptation for wet screening applications

Computer-optimized decks with full-length bracing support heavy loads

Rubber snubbers are simple to use and maintain

Triple-shaft mechanisms generate high G-forces with adjustable oval strokes from 30° to 60°

Multiple configurations accommodate a wide range of material separation needs across industries

Adjustable stroke, speed and amplitude allow fine-tuning for various materials

Low-profile design suits height-restricted plants and portable installations

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