

FLAT WEDGE WIRE SCREEN +
WEDGE WIRE SCREEN WITH FRAME
SIEVE BEND SCREEN +
WEDGE WIRE CENTRIFUGE BASKETS +



WEDGE WIRE SCREEN PANEL & BASKET FOR COAL MINERAL INDUSTRY



Wedge Wire Screens for Coal Mining

Introduction

OURUN WIRE MESH can offer wedge wire screen panels and centrifuge baskets for coal separating different grades of coal and recovery of fine coal particles in coal mining industries. There are three kinds of wedge wire screen:

Wedge wire screen panels

The flat screen panels are the optimum screen media for vibrating screens. The screen panels are suitable for dry and wet screening, sizing, dewatering and washing a variety of material ranging from gravel, coal, cement to lime stone and other aggregates. The screen is mainly applied to classify middle and big materials which content high percentage of very fine particles, the particle size is smaller than half of the screen slot size.

Sieve bend screen

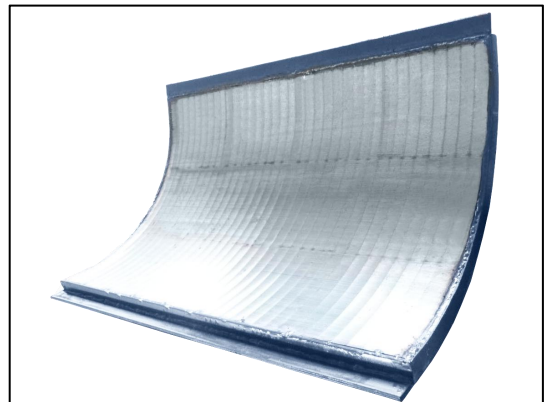
The sieve bend screen is commonly placed before the vibrating screen to improve efficiency. Mainly for coal washeries moving the material to be pre-dehydration, mud, off-mediated job, classification of slime recovery. Sieve bend screens are constructed with V type profile wire, the screen slot is narrow in the above and wide in the below, giving the screen good non-clogging properties.

Wedge wire centrifuge baskets

Centrifuge baskets are used in coal and mineral industries for dewatering applications and are designed to withstand the high vibrating and rotational stresses of centrifugal dryer systems. Each basket is dynamically balanced to a very high standard to prevent secondary vibration inducing premature fatigue failure.



Screen panel with polyurethane edge



Sieve bend screen with steel frame



Wedge wire screen centrifuge baskets

Technical Parameters

When ordering, please specify:

The followings are necessary important information for a complete specification of the wedge wire screen:

1. Type

- flat wedge wire screen panel
- Wedge wire screen with frame
- Sieve bend screen
- wedge wire screen baskets

2. Material

Stainless Steel: 304, 304L, 316, 316L

3. Openings

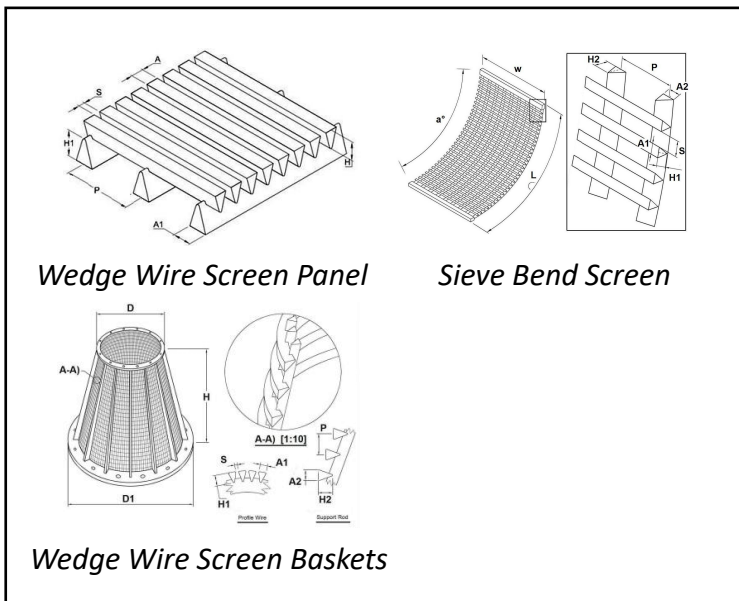
From 0.35 mm to 2.0 mm

4. Profile Wire

Triangle wire

5. Support Wire

Triangle wire, round rod, flat bar, wedge wire



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