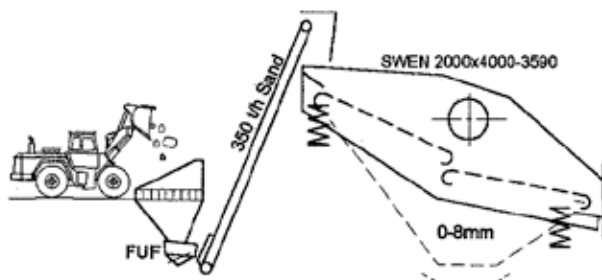


SEPARATION OF QUARRY SAND



APPLICATION AND OPERATION:

Natural sand with binders is commonly used to economically manufacture high quality building stones.

Naturally, this raw-material is moist and contains tramp material such as root remnants, stone agglomerates and erratic blocks. This tramp material affects further processing of the quarry sand to lime sand bricks. It damages the downstream blenders and stone presses.

For this reason, the sand is screened at 8 mm.

For the removal of this tramp material we use our circular-motion vibratory screen SWEN equipped with wire rod screen decks which are lengthwise tensioned. The above type of screen is particularly suitable for this application.

The angle of the screen decks is 25° and 15°. A capacity of up to 350 t/h of natural sand is processed on a screen of 2.000 mm width.

TECHNICAL DATA:

Type of machine:	SWEN 2000 x 4000 - 3590
Width:	2.000 mm
Length:	4.000 mm
Drive unit:	Shaft drive JW 322; 11 kW
Product:	Natural sand
Grain size:	0 – 50 mm
Humidity:	up to 8 % (with fines of 0 to 4 mm)
Separation:	at 8 mm

YOUR BENEFIT:

- Suitable for different kinds of quarry sand.
- Standard screen deck designs.
- Easy to equip the screen decks later on with a ball beating device.
- Chutes equipped with anti-adhesive lining.
- Coil spring isolators allow only minimal dynamic forces to the support structure.