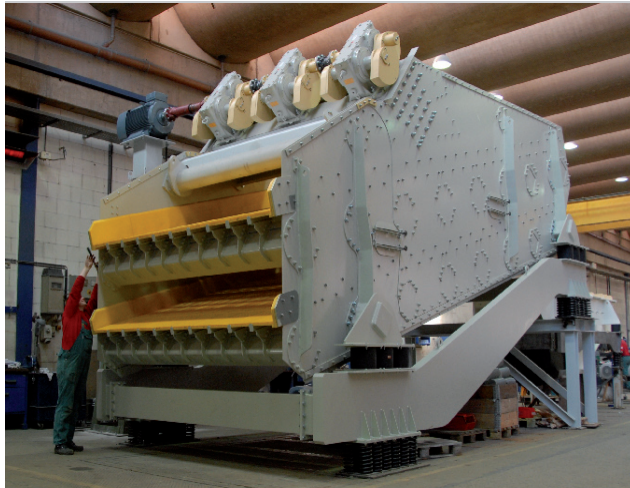


# HIGH CAPACITY SCREEN FOR HARD ROCK

## LINEAR MOTION SCREEN SRZN 3070 X 7000



## PU-WEARING PLATES



### APPLICATION AND FUNCTION:

Eight linear motion screens were designed and built for a granite quarry in Norway. They are characterized by extremely high capacity of feed material and screening efficiency.

As new development PU-wearing plates are used on the screen deck cross beam. They are fast to change and have a lower weight in comparison to wearing plates made of steel.

Furtheron the vibration isolation frame has been optimised in a way that the center of gravity of screen and frame are closer together with the result that only few dynamic residual forces have impact on the steel construction.

### YOUR BENEFIT:

- High throughput due to extrem width of screen
- Best screening results based on thin layer screening
- Optimized design by using the FEA method
- High working reliability due to small load of the machine body
- Employment of JOEST own drive units
- Lowest dynamic residuals forces

### TECHNICAL DATA AND FUNCTION:

<u>Screen:</u>	
Type of machine:	SRZN / SRZ 3070 x 7000 Doubledeck "Banana"-Screen
Width:	3070 mm
Length:	7000 mm
Weight of machine:	up to 23 t
Drive:	depending on execution 2 or 3 JÖST <sup>®</sup> exciters type JR 808
Screen deck:	modulare PU-plug-in-screening-system
Inclination:	first part 15°; second part 7,5°

### Performance:

Product:	granite
capacity:	up to 1.500 t/h
Grain size:	0-350 mm
Bulk density:	1,6 t/m <sup>3</sup>
Humidity :	< 5 %
Cut:	125; 75; 25; 16 und 5 mm