

Scandura screen media systems



Superior screening performance

Polyurethane screening surfaces have been in use for many years in the mineral and extraction industry due to the materials flexibility, corrosion and abrasion resistance. As a leading manufacturer of high-quality polyurethane screens and accessories, Trelleborg Applied Technologies supplies Scandura screen media systems which are designed to classify and screen materials across the aggregate, mineral, re-cycling and other associated industries. They are a lightweight, flexible alternative to conventional steel wire mats.

Scandura systems are available in a wide range of mat and aperture sizes to match your machine and grading requirements; including module systems, flip flow screens and tensioned screen mats.

Applications

The Scandura screening media systems has a proven industry track record in many applications, including:

- Biomass
- Coal
- Commercial and industrial waste
- Glass recycling
- Hard rock
- Limestone
- Recycling—dewatering
- Sand, gravel and silica sand



Scandura Module 600 System

Key benefits include:

- Durable—good abrasion resistant
- Extended screen life
- Fits all types of machine
- Corrosion resistant
- Easy installation & low maintenance
- Light weight
- Noise reduction
- Quick and easy to replace



Scandura Dewatering Screen Panels

- Easy to fit peg and sleeve fixings
- Interchangeable with other systems



Scandura Flip Flop Dewatering Screen Panels

- Flip Flow Screens with molded edge
- Flip Flow Screen with bolted edge

Extended screen life



Scandura Module 600 System

- Easy to fit peg and sleeve
- Varying durometer hardness

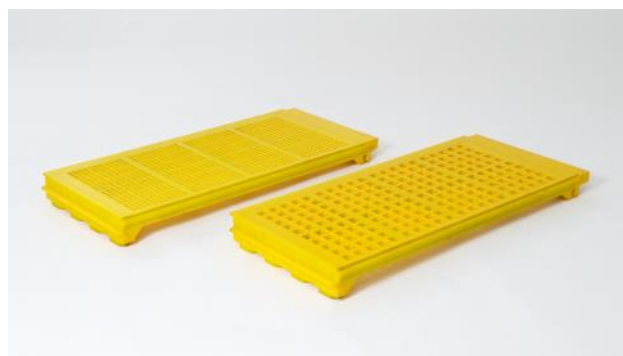


Scandura Tension Screen Mats



Scandura Plank System

- Easy to fit pin and wedge system
- Varying durometer hardness



Scandura Scan-Step Module System

- Direct replacement for Step Panels
- Step causing rolling effect of material



Scandura 85 System

- Direct replacement for popular screen systems
- Varying durometer hardness



Scandura Polyurethane & Rubber Tension Screen Mats

- Strong and light extruded aluminum hook
- Heavy duty mats available

Good abrasion and corrosion resistance

Scandura accessories

To support the Scandura systems we provide a number of accessories which ensures everything is covered, this include:

- Capping rubber
- Chute and bunker linings
- Conveyor impact cradles and bars
- Cyclone lining
- Module bunker liners
- Pipe lining and covering
- Polyurethane and rubber skirting
- Polyurethane and rubber star wheels
- Polyurethane auger screws
- Polyurethane belt scrapers
- Polyurethane concrete mixer paddles
- Polyurethane covered side tension plates
- Polyurethane screen frame protection
- Polyurethane trommel screens
- Refurbished impellers
- Sand plant parts
- Screen frame and screen rail replacement
- Spray bars and spray bar protection
- Varispray nozzles



Varispray Nozzles



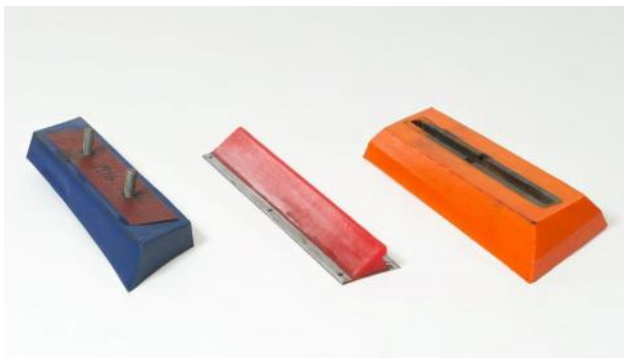
Polyethylene Bucket Liner



Capping Rubber



Chute and Bunker Linings



Polyurethane Concrete Mixer Blades



Polyurethane Star Wheels



Polyurethane Auger Screws



Polyurethane Replacement Scraper Blades



Sand Plant Parts



Varispray Nozzles



Scandura screening system technical data is for reference only.

TECHNICAL DATA CHART													
Aperture		Product Size Guide	Tensionable Mats						Module 600 System		Other Systems		
			Standard			Heavy Duty							
			Thickness		% Open Area	Thickness		% Open Area	Thickness Matrix	%Open Area	Scanstep Apertures Available	Panels Apertures Available	Scan 85 Apertures Available
Type	Size	Total	Matrix	Total		Matrix							
Slotted	0.3 x 17	Dewatering	-	-	-	-	-	-	-	-			
	0.5 x 17	Dewatering	-	-	-	-	-	-	9	9		3	3
	0.8 x 17	-	-	-	-	-	-	-	-	-			3
	1 x 17	0.5	-	-	-	-	-	-	10	15	3	3	
	1.5 x 25	1	16	7	22	-	-	-	-	-		3	3
	2 x 25	1.5	16	7	26	-	-	-	9	20		3	3
	3 x 25	3	16	7	24	-	-	-	9	24		3	
	4 x 25	3 to 4	16	7	29	-	-	-	9	24		3	
	5 x 25	4	16	7	37	-	-	-	9	26			
	6 x 25	5	16	7	33	-	-	-	9	29			
8 x 25	6	20	10	32	-	-	-	10	30			3	
10 x 25	9	18	9	53	-	-	-	-	-				
Square	4	3	16	7	25	-	-	-	7	18	3	3	3
	5	3 to 4	16	7	31	-	-	-	7	22	3	3	3
	6	4 to 5	16	7	36	-	-	-	7	24	3	3	3
	7	5 to 6	17	8	37	-	-	-	-	-	3	3	
	8	6	18	9	44	-	-	-	7	30	3	3	3
	9.5	8	18	9	46	-	-	-	9	35			
	10	8 to 9	18	9	51	-	-	-	9	32	3	3	
	12	10	18	12	51	16	16	50	12	34	3	3	3
	13	-	-	-	-	-	-	-	-	-			3
	14	10 to 12	18	9	55	16	16	52	12	35	3	3	
	15	12	18	9	53	-	-	-	-	-			3
	16	14	-	-	-	25	14	40	14	34		3	
	17	15	-	-	-	18	18	50	-	-			3
	18	16	-	-	-	20	16	41	16	38		3	
	19	17	-	-	-	18	18	53	-	-			
	20	-	-	-	-	-	-	-	-	-			3
	22	18 to 20	20	11	54	20	20	54	-	-		3	3
	22.5	19 to 20	-	-	-	20	18	55	18	40	3	3	3
	24	20	-	-	-	25	25	41	25	28	3	3	3
	25	20	20	11	52	20	20	52	20	31	3	3	3
	27.5	25	-	-	-	20	20	55	20	38		3	
	28	25 to 26	-	-	-	20	20	56	-	-			3
	30	27	-	-	-	25	20	53	20	30	3	3	3
	32	28	-	-	-	20	20	51	-	-		3	
	35	32	-	-	-	20	20	49	20	41		3	3
	37.5	35	-	-	-	20	20	50	20	43			
	38	35 to 36	-	-	-	20	20	54	-	-			
	40	-	-	-	-	-	-	-	-	-			3
	44	-	-	-	-	-	-	-	-	-	3		
	45	40	-	-	-	20	20	54	25	40		3	
	50	45	-	-	-	20	20	52	30	39		3	3
	60	55	-	-	-	25	25	50	33	43		3	3
	73 (Round)	-	-	-	-	-	-	-	-	-	3		
	75	70	-	-	-	30	30	51	33	51		3	
	80	75	-	-	-	30	30	57	33	38			
	83	-	-	-	-	-	-	-	-	-			3
85	80	-	-	-	-	-	-	60	57			3	
100	90	-	-	-	27	30	57	-	-				
Rectangular	100 x 120	100	-	-	-	27	30	57	33	53		3	
	170 x 170	150	-	-	-	30	30	55	60	58			

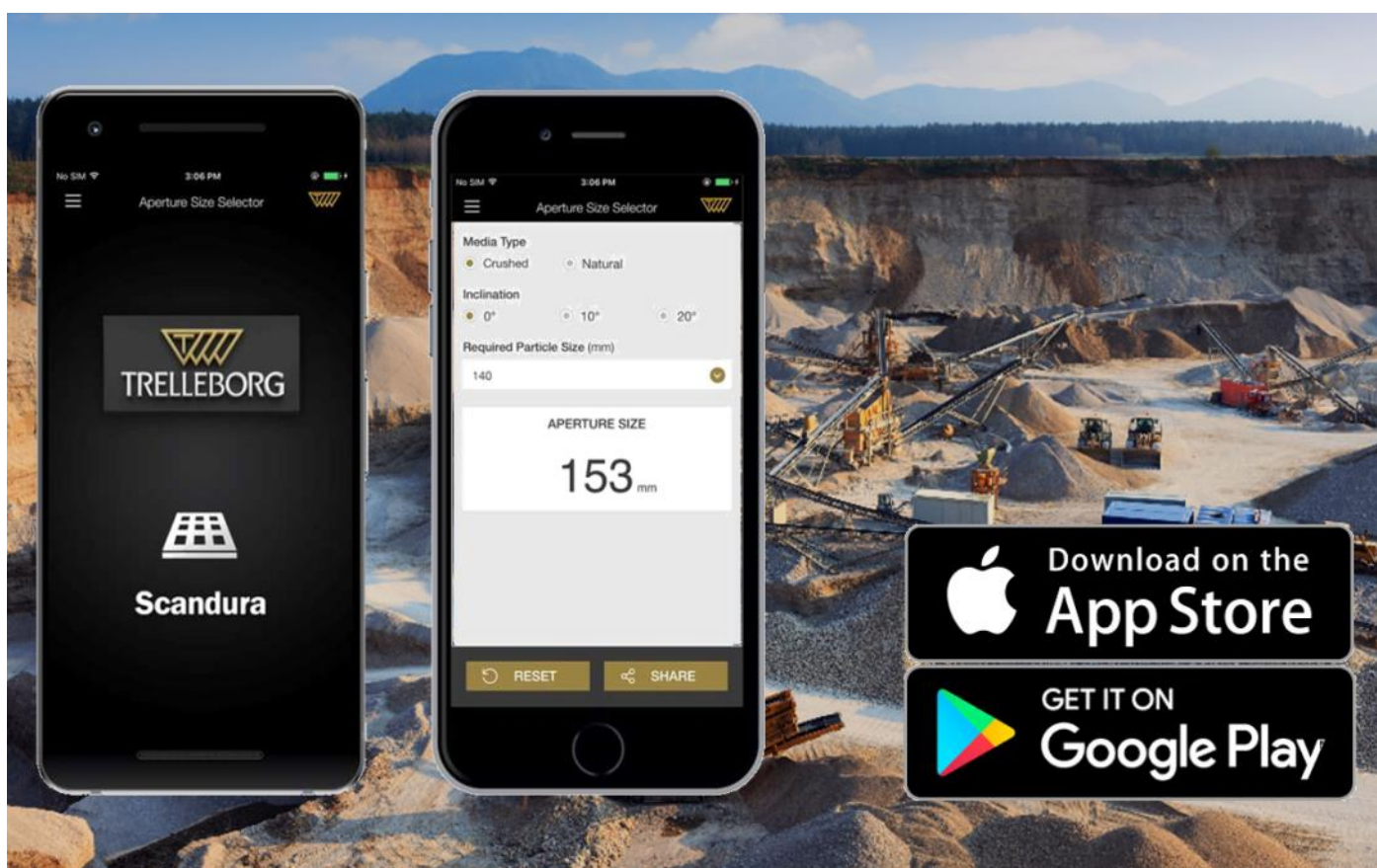
Fits all types of machines

Scandura aperture size selector app

It is designed to support Scandura screen media systems, which are used to classify and screen materials across the aggregate, mineral, recycling and other associated industries. The Scandura app calculates the aperture size required for screening applications. It takes into account the media type, screen inclination and the required media particle size. In addition, you can view the complete Scandura product range as well the latest news and events on Trelleborg Applied Technologies:

- Ensures you get the required media size
- Takes into account media type and screen inclination
- Calculates the correct aperture size for your application

Download now



The image shows two smartphones displaying the Scandura app interface. The background is a quarry with large piles of aggregate material and conveyor belts.

The left smartphone displays the app's splash screen with the Trelleborg logo and the Scandura logo.

The right smartphone displays the app's main interface, which includes the following fields and options:

- Media Type: ☒ Crushed ☐ Natural
- Inclination: ☒ 0° ☐ 10° ☐ 20°
- Required Particle Size (mm): 140
- APERTURE SIZE: 153 mm
- Buttons: RESET, SHARE

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Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Our innovative engineered solutions accelerate performance for customers in a sustainable way. The Trelleborg Group has local presence in over 40 countries around the world.

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