SM 620.3 K

TROMMEL LINE

DOPPSTADT

BUILT TO RUN

SIMPLY EFFICIENT SCREENING - FLEXIBLE ON-SITE THE NEXT GENERATION FOR BIG CHALLENGES

With the brand-new SM 620.3 K, we are launching the next generation of our screening machines. This machine enables very high throughput rates, allows large quantities of material to be processed with ease, and still offers flexibility on site. This is ensured by features such as a large feed hopper, a tracked chassis with integrated lifting kinematics for optimal positioning on uneven terrain, and the DualPower drive.



DualPower drive technology allows operators to switch flexibly between diesel and electric drive systems, enabling them to adapt perfectly to the existing infrastructure on site.





New PU scraper on the longitudinal belt

New finger scrapers on side conveyor belt



	SM 620.3 K		
Chassis	Track-laying chassis		
DIMENSIONS			
Overall weight	24.000 kg		
WORKING POSITION			
Length	15.350 mm		
Width	7.195 mm		
Height	3.630 mm		
TRANSPORT DIMENSIONS			
Length	12.730 mm		
Width	2.990 mm		
Height	3.400 mm		
DRIVE			
Engine type	Diesel-hydraulic	Electro-hydraulic	both drives in one machine
Make	DEUTZ TCD 2.9 L4 or TCD 3.6 L4	Three-phase motor	
Nominal output	55 kW or 85 kW at 1.800 / 2.200 rpm	45 kW or 75 kW	
Max. torque	300 Nm or 480 Nm at 1.600 rpm	290 Nm or 481 Nm at 1.485 rpm	
Emission standard / Energy-efficiency class	Stage V / Tier 4f	IE4	
Tank capacity / El. connection	400 l	125 A / 150 A	
SCREEN DRUM			
	Two screening fractions, Options: 3rd fraction using stone grid / 4th fraction magnetic pulley		
Length	5.500 mm		
Diameter	2.000 mm		
Mesh size	Selectable, 3 - 150 mm		
Mesh type	Selectable (square perforation, alternating squares, round perforation, comb)		
Material thickness	Selectable		
Drum rotational speed	0 - 21 rpm		
Screening area	30,2 m^2		
FEED HOPPER			
Hopper volume	7 m^3		
Loading height	2.895 mm		
Loading Width	4.865 mm		
CONVEYOR BELTS			
	Rear belt	Side belt	
Length (*=optional)	5.500 mm (3.000 mm*)	5.500 mm	
Width	1.000 mm	1.000 mm	
Discharge height	3.630 mm	3.580 mm	
Conveying speed	1,6 m/s	3,1 m/s	



MOST IMPORTANT CHANGES AT A GLANCE.

- Robust tracked chassis, self-propelled via remote control, including lifting kinematics for optimal leveling on uneven terrain
- Three drive options possible: Diesel, Electric or as DualPower
- Modern load-sensing hydraulic control system
- Galvanised discharge belts
- New scrapers for all applications
- Belt variants in light and heavy-duty versions
- Stone grid option
- Large feed hopper (7.0 m^3) Hopper width suitable for very large loader buckets, low loading height of just 2.9 m