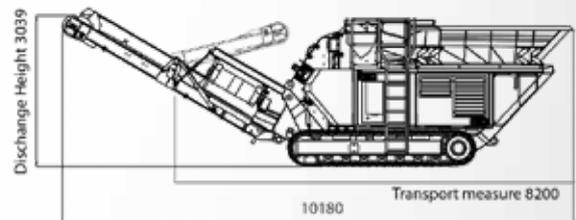
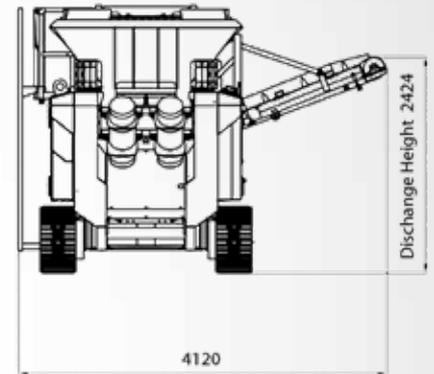




STAUNCH
MACHINERY
— SINCE 1979

STAUNCH Mobile Crusher SMC 80



The SMC 80 fully meets the requirements of cost-conscious building contractors. The crusher is programmed to perform with automatic conveying in line with crusher workload, material and feeding type. Its high continuous throughput is due to the compact crusher's excellent intake behaviour and optimum crusher kinematics.

The SM80 is flexible regarding the material it processes. In recycling mode the magnetic separator reliably removes reinforced steel from the crushed material. Only one person is required to operate and manoeuvre the SM80 using remote control. Even the unique release system to remove blockages works at the press of a button. The crusher with crawler gear is mobile even in tight spaces and in mountainous areas. The SM80 is extremely versatile and can be reconfigured from a primary to secondary crusher in just 20 minutes. RUBBLE MASTER ENVIRO technology ensures it can operate without disturbing local residents. Magnetic separator, side conveyor belt and mobile oversize grain screen are also available as proven RM add-on modules.

Technical Data

Model No.	SM 80	
Throughput	Up to 150 t/h depending on material	
Inlet opening	860 x 600 mm	
Crusher unit	Impact crusher with 2 or 4 hammers	
Drive unit	Diesel engine, water-cooled 122 kW at 2000 rpm	
Weight	23 tonnes	



Maximum working	length	10180 mm
Maximum working	width	4120 mm
Maximum working	height	3039 mm

Maximum transporting	length	8200 mm
Maximum transporting	width without ladder	2460 mm
Transporting	height without ballustrade and ladder	2950 mm



Model	1448 plus	1648 plus
Dimensions, Measures & Weight		
Overall height mm	6'11"(2108)	7'1"(2172)
Transport width mm	8'5"(2565)	8'6"(2591)
Operating width mm	10'9"(3277)	10'5"(3175)
Length mm	7'4"(2235)	9'7"(2921)
Truck clearance mm	23"(584)	23"(584)
Operating weight kg	3527	4808
Engine		
Model	Yanmar	Yanmar
Type	Diesel	Diesel
Net power kw	36 hp(27)@3000rpm	48 hp(35.4)@3000rpm
Fuel tank L	8 gal.(30)	12.5 gal.(47.3)
Screed		
Full floating & adjustable mm	8'-12'(2438-3658)	8'-13'(2438-3962)
Vibratory	2500 vpm - maximum	3000 vpm - maximum
Exhaust - heated	standard	N/A
Propane - heated	option	standard
Hydraulic extensions mm	24"(610) w/strike-off	30"(762) w/6"(152)wear plate
Crown/ invert adjustment mm	Dual lever, 0"-2"(0-51)	single lever, 0"-3"(0-76)
Material flow		
Independent hydraulic operated gates	Standard	Standard
Gate cut-off plates mm	option, 6"-36"(152-915)	option, 6"-36"(152-915)
Gravity flow asphalt hopper capacity	4tons	6tons
Independent hydraulic operating augers	located on the gate	located on the gate or screed extension
Drive configuration		
Speed m/min	single,0-80 FPM (0-24)	single,0-136 FPM (0-40)
Self-adjusting, steel track mm	12"x3"(305x76)	12"x3"(305x76)
Counter-rotating	standard	standard
Fine tune steering valve	N/A	Standard
Track length mm	43"(1092)	48"(1219)
Hydraulic System		
Platform	single-span	isolated dual-span
Controls	left & right sides	left & right sides
Muffler w/exhaust diverter valve	standard	N/A
Wash-down stations L	single, 5gal.(18.9)	Dual, 5.5 gal.(21)
Hydraulic System		
Variable hydrostatic drive pump L/min	17.0 gpm (64)	37.0 gpm (140)
Hydraulic auger drive pump L/min	7.5 gpm (28.4)	10.9 gpm(41.3)
Hydraulic cylinder pump L/min	N/A	10.9 gpm(41.3)
Hydraulic oil cooler capacity L/min	120.0 gpm (45.4)	32.0 gpm (121.1)
Hydraulic reservoir L	18.0 gal.(68)	20 gal. (75.7)
Performance		
Paving with (mm)		
Minimum	4'(1219)	4'(1219)
Standard	8'(2438)	8'(2438)
Maximum	12'(3658)	13'(3962)
Paving depth (mm)	0"-6"(0-13)	0"-6"(0-13)
HYdraulic feed auger	2	2
Hydraulic material flow gates	2	2



Redesigned hydraulic hose-routing system and three test ports make diagnostic access fast and clean. An engine access panel allows unobstructed access to the alternator and starter.



The direct-drive track design is selfcleaning, and adjusts tension with a hydraulic cylinder. The track design is resistant to slipping, providing versatility in different sub-base conditions.



Full-floating, adjustable and vibratory screeds are standard on the Power Box Series. The 8' length and 13" width provide a solid foundation for smooth asphalt mats. Beyond 8 feet, the 1448 Plus utilizes a strike-off plate screed extension and the 1648 Plus utilizes a fully-heated wear plate.



Independent hydraulically driven auger found on the screed extensions on the model 1648 Plus are efficient at moving material to the end of the extension, allowing for extension, allowing for a "true" 13 foot paving experience