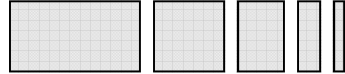


Equipment for Headworks

❖ Back Rake Belt Screens BRB Series



Introduction

Sam McCoy's Belt-driven Back Rake (BRB) screen is a mechanical bar screen employing polyester lifting belt to operate the raking mechanism. Being operated by automatic timer and float switch which provide efficient periodic cleaning, our mechanical BRB screen overcomes the problems caused by manual screens.

The BRB screen can also be installed entirely above the operating floor. This not only protects the equipment and prevents accidents but also improves the appearance of the treatment plant facilities and enables odor control when necessary.

Application

The BRB screen was developed primarily for coarse screenings removal at the inlet of sewage pumping stations, wastewater treatment plants and municipal sewage which would damage or interfere with the plant process or equipments.

Sam McCoy's BRB screen helps to prevent clogging, protect valves and gates, remove floating matter that tends to form unsightly scum on settling and aeration tanks, as well as prevent heavy and extremely tough floating scum on the surface of septic tanks and other sludge digestion tanks.



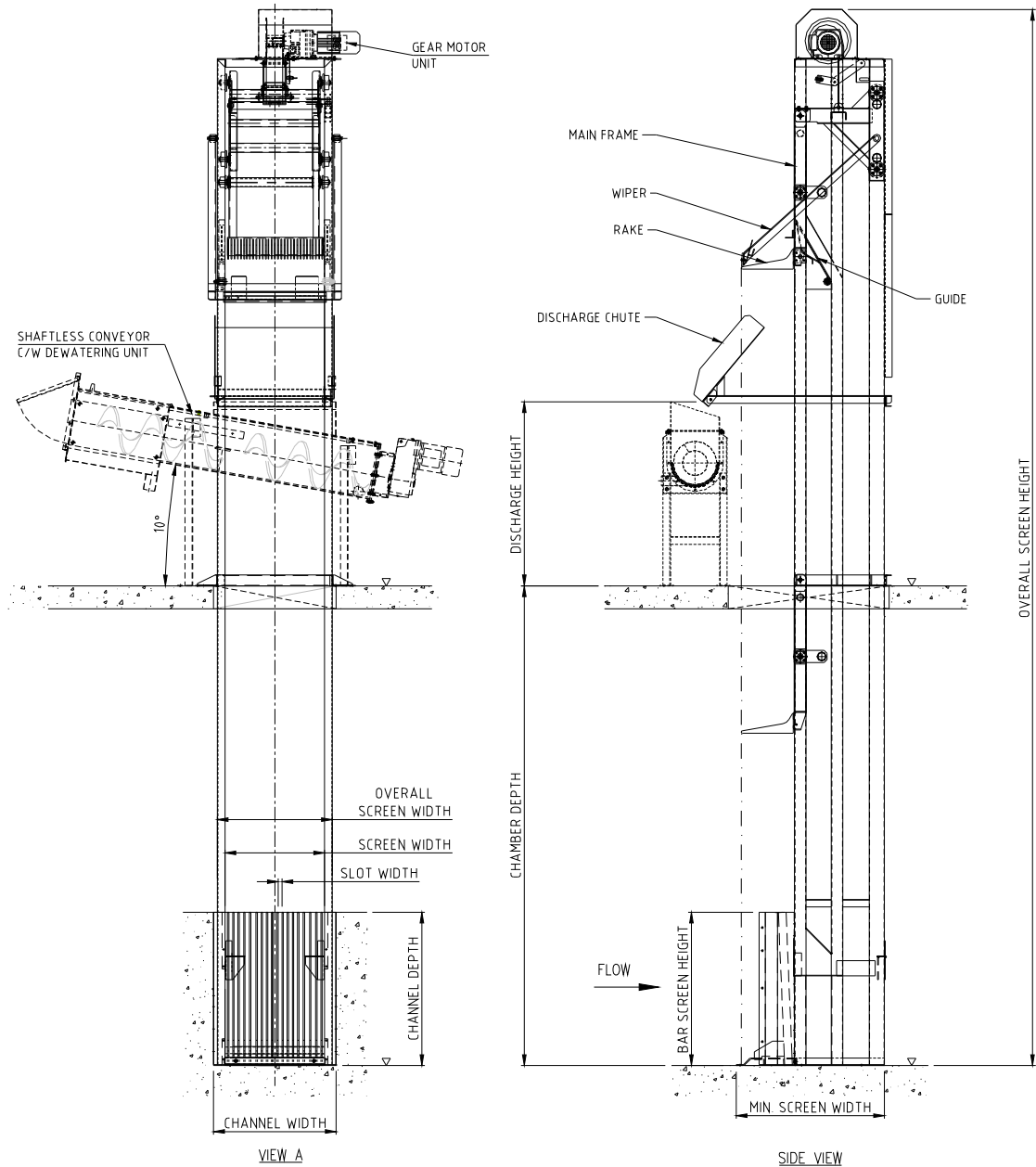
Full scale testing of Back Rake Belt Type Screen



Field operation of Back Rake Belt Type Screen



Back Rake Screen Raking Arm



Model	Screen Inclination (degree)	Dimensions (mm)				
		Channel Width	Channel Depth	Bar Height	Slot Width	Discharge Level
BRB-600	90	600	1000 - 2000	1000 - 2000	12—25	1000 - 2000
BRB-800	90	800	1000 - 2000	1000 - 2000	12—25	1000 - 2000
BRB-1000	90	1000	1000 - 2000	1000 - 2000	12—25	1000 - 2000
BRB-1200	90	1200	1000 - 2000	1000 - 2000	12—25	1000 - 2000
BRB-1400	90	1400	1000 - 2000	1000 - 2000	12—25	1000 - 2000
BRB-1500	90	1500	1000 - 2000	1000 - 2000	12—25	1000 - 2000
BRB-1600	90	1600	1000 - 2000	1000 - 2000	12—25	1000 - 2000
BRB-1800	90	1800	1000 - 2000	1000 - 2000	12—25	1000 - 2000
BRB-2000	90	2000	1000 - 2000	1000 - 2000	12—25	1000 - 2000