

Type of Unit	Headworks MS2	
No. of Bar Screens	1	
Screen Data	Feet	Meter
SOL Screen Overall Length	21.47	6.54
OF Operating Floor to Channel Invert	12.67	3.86
CD Channel Depth	1.92	0.58
CW Channel Width	1.50	0.30
SW Screen Total Width (approx.)	1.82	0.55
SFW Screen Field Width (approx.)	1.00	0.30
WD Water Depth	4.00	1.22
DH Discharge Height	5.00	1.52
SFH Screen Field Height	4.66	1.42
BS Bar spacing	0.25 inch	6.35 mm
Wall Recess	YES, 3-in on Each Side to Create a 24-in Wide Recess.	
Floor Recess	NO	
Screen grouted when in recess	NO	
# of Sections/Pieces	1	
Material	SS 304	
Chain Roller Type	Stainless	
Top Enclosed	Yes	
Installation Angle (Degree)	75 deg	
Weight (per screen)	3114 lb	1413 kg
Pull Out Type	Yes	
Pivot Type	NO	
Q max. Specified	0.22 mgd	0.01 m3/s
Q max. (v-Ch. = 0.9m/sec or 3'/s)	7.91 mgd	0.37 m3/s
Q max. lv-Ch. = 0.6m/sec or 2'/s	5.27 mgd	0.25 m3/s
Headloss at 2'/sec channel velocity	0.98 inch	2.49 cm
Headloss at 3'/sec channel velocity	2.21 inch	5.60 cm

Screen Scope of Supply	Supplied
Headworks Bar Screen MS2	YES
Spare Parts	NO
Control Panel (Main NEMA 4 & Local NEMA 7)	YES
Ultrasonic Level Sensor	YES
Interconnecting Wiring	NO
Training (O&M)	YES

- Available power for the unit is 110/208 single phase
- Stainless Steel construction for corrosion resistance
- Low profile requires less than 8 feet of head space
- Low Headloss-even with ¼ inch openings
- High Hydraulic Capacity about 2 MGD per ft of screen area
- Electronically controlled automatic reverse to remove obstructions
- Material only. Unit to be installed by facility
- Commissioning during startup of unit
- No substitutions
- All technical specs and drawings must be submitted with bid