

(352) 628-6674



(800) 792-7427

UNIVERSAL SCREENMASTER



The Universal ScreenMaster provides an aggressive screening action with unsurpassed efficiency and overall capacity. This horizontal Screen offers longer service life with numerous cost saving features.

A fully lined impact feed box takes the impact and shock load of fed material and distributes the material over the full width of the screen to provide maximum capacity and uniform screen wear. A vertical riser around the feed box is also a standard feature to help dissipate surge loads. The Universal ScreenMaster offers greater screening area on each deck because they are built 4" wider than some competitive models. This additional clear screening area gives you 10% to 20% more usable screen, resulting in more production and more profit.

The Universal ScreenMaster is available with two, two and one half, or three decks in a variety of sizes to fit every installation, whether portable or stationary.

ScreenMaster Capacity Chart		
Size Opening In.	Sand and Gravel 100#/Cu.Ft.	Limestone Crushed Stone 100#/Cu.Ft.
1/8	1.40	0.91
3/16	1.74	1.12
1/4	2.07	1.34
5/16	2.40	1.56
3/8	2.72	1.76
7/16	3.02	1.96
1/2	3.29	2.14
5/8	3.87	2.52
3/4	4.39	2.86
7/8	4.87	3.15
1	5.28	3.42
1 1/8	5.68	3.69
1 1/4	6.08	3.94
1 3/8	6.46	4.20
1 1/2	6.80	4.42
1 5/8	7.14	4.63
1 3/4	7.47	4.86
1 7/8	7.77	5.05
2	8.08	5.25
2 1/4	8.62	5.59
2 1/2	9.18	5.97
2 3/4	9.66	6.28
3	10.10	6.54

Note: The ton per hour (TPH) passing through one square foot of screen area is based on the following three average conditions:

Material containing a maximum of 6%-8% moisture

Screen Cloth having 50% or more open area

50% of total feed passing over the deck

Capacities are based on these conditions. Where sufficient quantities of wash water are to be added to the material passing over the screen surfaces, it is possible to double the capacity figures listed for all openings of 1/2" and smaller.

EXAMPLE HOW TO USE

4 x 12 ScreenMaster

Top Deck with 3/4" Clear Square Opening

4'x12' = 48sq. ft. screen area.

SAND: $48 \times 4.39 = 210.72$ TPH

ROCK: $48 \times 2.86 = 137.28$ TPH

Note: The capacity of each deck should be checked to ensure adequate sizing and bed depth control.



CONTACT YOUR DEALER:



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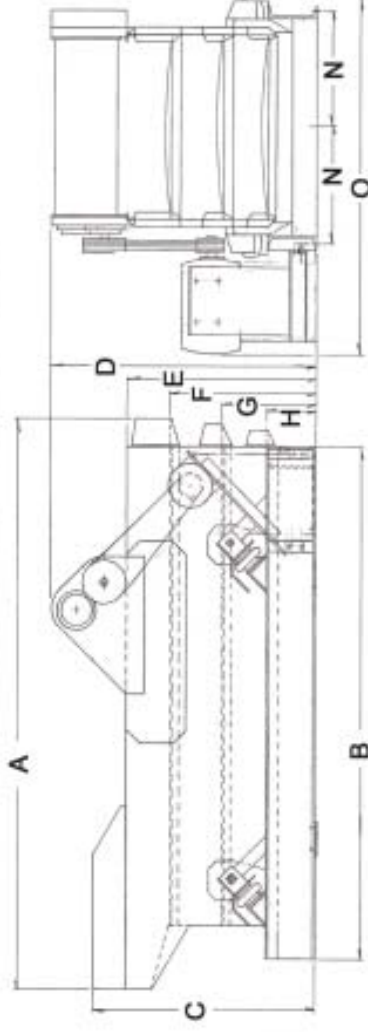
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McLanahan® UNIVERSAL ENGINEERING CORP. SCREENMASTER



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Model Size	Screen Area	Decks	A	B	C	D	E	F	G	H	N	O	Wt. Lbs	HP Req.
40" x 8'	3' x 8'	2	9'-11"	8'-9"	41 7/8"	56 3/8"	35 7/8"	24 5/8"		11 1/2"	26"	6'-10 5/16"	4150	15
40" x 8'	3' x 8'	3	9'-11"	9'-9"	55 1/4"	67 1/2"	47"	35 3/4"	22 5/8"	11 1/2"	26"	6'-10"	4700	15
52" x 8'	4' x 8'	2	9'-11"	8'-9"	41 7/8"	56 3/8"	35 7/8"	24 5/8"		11 1/2"	32"	7'-11 1/2"	6150	20
52" x 8'	4' x 8'	3	9'-11"	9'-9"	55 1/4"	67 1/2"	47"	35 3/4"	22 5/8"	11 1/2"	32"	8'-3/8"	6650	20
52" x 10'	4' x 10'	2	11'-11"	10'-9"	41 7/8"	56 3/8"	35 7/8"	24 5/8"		11 1/2"	32"	8'	6800	20
52" x 10'	4' x 10'	3	11'-11"	10'-9"	55 1/4"	67 1/2"	47"	35 3/4"	22 5/8"	11 1/2"	32"	7'-11 1/2"	7500	20
52" x 12'	4' x 12'	2	13'-11"	12'-9"	41 7/8"	56 3/8"	35 7/8"	24 5/8"		11 1/2"	32"	8'-1 3/8"	7650	20
52" x 12'	4' x 12'	3	13'-11"	12'-9"	55 1/4"	67 1/2"	47"	35 3/4"	22 5/8"	11 1/2"	32"	8'-9 9/16"	8450	20
52" x 14'	4' x 14'	2	15'-11"	14'-9"	41 7/8"	56 3/8"	35 7/8"	24 5/8"		11 1/2"	32"	7'-11 1/16"	8700	20
52" x 14'	4' x 14'	3	15'-11"	14'-9"	55 1/4"	69 1/4"	47"	35 3/4"	22 5/8"	11 1/2"	32"	8'-1 9/16"	9650	20
64" x 12'	5' x 12'	2	14'-7 1/2"	13'-5"	48 3/8"	64 1/4"	40"	28 3/4"		14 7/8"	38 3/8"	9'-3 1/2"	10000	30
64" x 12'	5' x 12'	3	14'-7 1/2"	13'-5"	62 3/8"	78 1/2"	54"	42 3/4"	28 3/4"	14 7/8"	38 3/8"	9'-3 1/2"	12010	30
64" x 14'	5' x 14'	2	16'-7 1/2"	15'-5"	48 3/8"	64 1/4"	40"	28 3/4"		14 7/8"	38 3/8"	9'-3 1/2"	11020	30
64" x 14'	5' x 14'	3	16'-7 1/2"	15'-5"	62 3/8"	78 1/2"	54"	42 3/4"	28 3/4"	14 7/8"	38 3/8"	9'-3 1/2"	13040	30
64" x 16'	5' x 16'	2	18'-7 1/2"	17'-5"	48 3/8"	64 1/4"	40"	28 3/4"		14 7/8"	38 3/8"	9'-3 1/2"	12000	30
64" x 16'	5' x 16'	3	18'-7 1/2"	17'-5"	62 3/8"	78 1/2"	54"	42 3/4"	28 3/4"	14 7/8"	38 3/8"	9'-3 1/2"	14000	30
64" x 20'	5' x 20'	2	22'-6"	20'-9"	62 3/8"	75 5/8"	54 1/8"	39 1/2"		19 3/4"	38 3/8"	9'-3 1/2"	22360	50
64" x 20'	5' x 20'	3	22'-6"	20'-9"	82 3/8"	105 3/8"	73 7/8"	59 1/4"	33 1/2"	19 3/4"	38 3/8"	9'-3 1/2"	23600	50
76" x 16'	6' x 16'	2	18'-6 1/2"	16'-9"	62 3/8"	85 5/8"	54 1/8"	39 1/2"		19 3/4"	45 7/8"	10'-1 1/2"	18900	50
76" x 16'	6' x 16'	3	18'-6 1/2"	16'-9"	82 3/8"	105 3/8"	73 7/8"	59 1/4"	33 1/2"	19 3/4"	45 7/8"	10'-1 1/2"	21500	50
76" x 20'	6' x 20'	2	22'-6"	20'-9"	62 3/8"	75 5/8"	54 1/8"	39 1/2"		19 3/4"	45 7/8"	10'-1 1/2"	23625	50
76" x 20'	6' x 20'	3	22'-6"	20'-9"	82 3/8"	105 3/8"	73 7/8"	59 1/4"	33 1/2"	19 3/4"	45 7/8"	10'-1 1/2"	26875	50

The information contained herein is general in nature and is not intended for specific construction, installation or application purposes. Predictions of actual performance of a given piece of equipment should take into account the many variable field factors, no warranty of any kind, expressed or implied, is intended, is understood by purchasing the manufactured data herein. We reserve the right to make changes to specifications without notice or additional compensation at any time without notice or obligation.

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