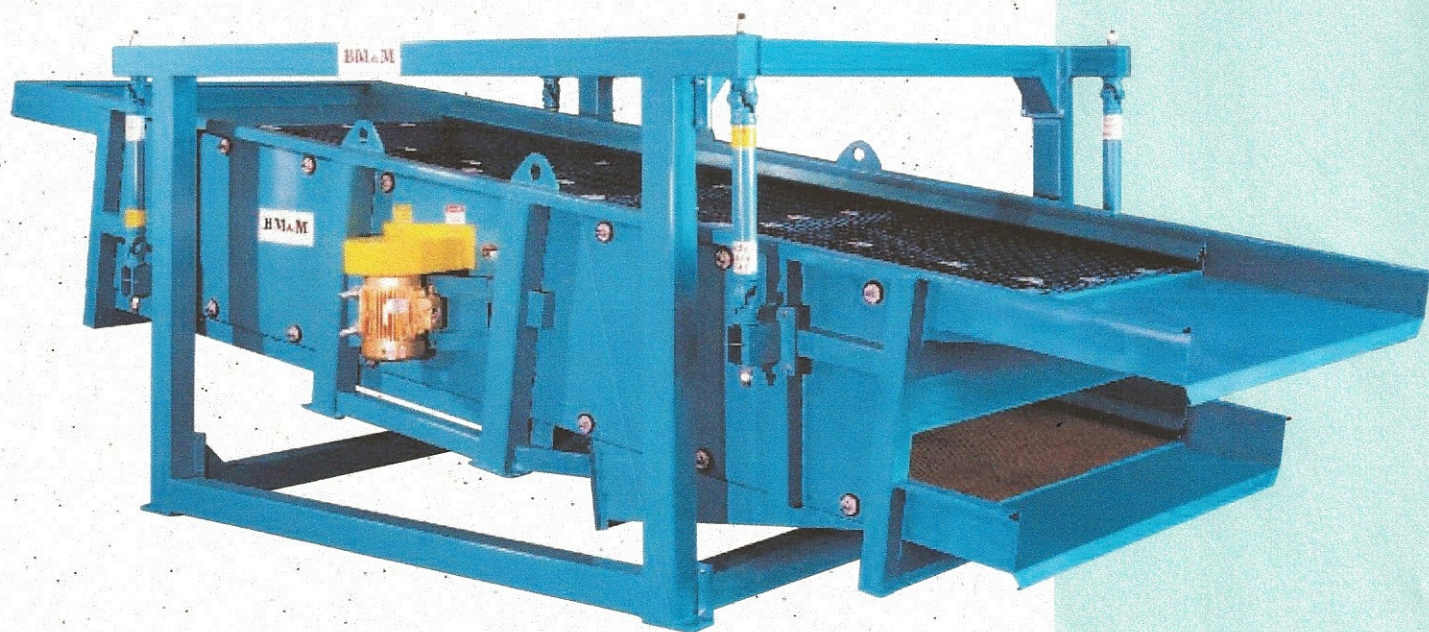


BM&M

SCREENING SOLUTIONS

Chip Screens

*Scalping, Sizing, Sawdust Removal
& Bark Sorting*



❖ **3 Year Warranty** ❖

1-800-663-0323

Capacity

* Nominal Capacities based on the following conditions:

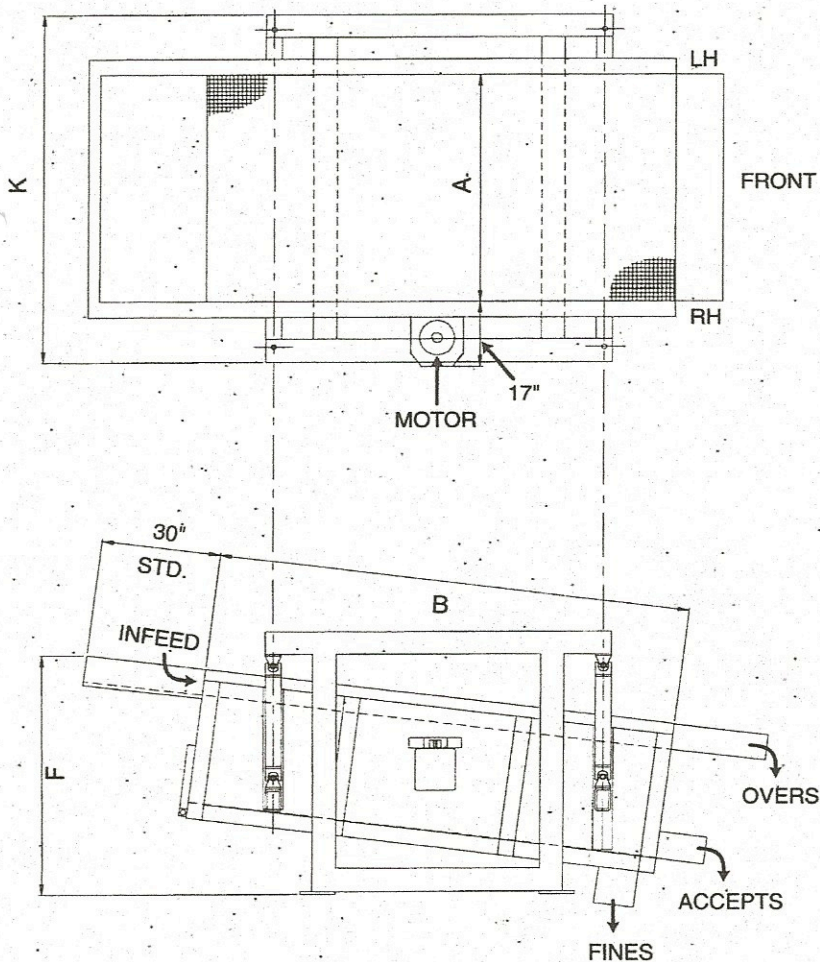
- Uniform feed rate
- Total screen surface utilization
- "Standard Industry" chip quality targets
- Chips produced from whole logs or sawmill waste by modern well maintained equipment

1 Unit = 200 ft of loose packed chips

1 Unit = 2 tons of loose-packed chips having a density of 20 lbs/cubic foot

1 Unit = 5.66 M³

1 Unit = .88 of a cord



HC Model

SIZE	CAPACITY *					Weight Lbs.
	A x B	Units/Hr.	M3/Hr.	HP	F	
3' x 8'	8	44	5	59"	64"	3500
3' x 10'	10	56	5	61"	64"	3700
4' x 8'	12	67	5	59"	76"	4000
4' x 10'	15	84	6	61"	76"	4200
4' x 12'	19	106	5	62"	76"	4600
4' x 14'	21	118	5	70"	76"	5000
5' x 10'	21	118	5	64"	92"	5200
5' x 12'	24	134	5	67"	92"	5900
5' x 14'	28	157	5	68"	92"	6300
6' x 10'	24	134	5	64"	104"	6200
6' x 12'	28	157	5	67"	104"	6600
6' x 14'	34	190	5	70"	104"	6900
6' x 16'	40	224	7	73"	104"	7300
7' x 10'	26	146	5	64"	116"	6700
7' x 12'	34	190	7	67"	116"	6900
7' x 14'	40	224	7	70"	116"	7400
7' x 15'	44	246	7	70"	116"	7600
7' x 16'	46	257	7	73"	116"	7900
7' x 18'	50	280	7	79"	116"	8100
8' x 10'	32	179	7	64"	128"	7000
8' x 12'	40	224	7	71"	128"	7500
8' x 14'	48	268	7	73"	128"	8000
8' x 16'	54	302	10	77"	128"	8300
8' x 18'	60	336	10	79"	128"	8700
8' x 20'	66	369	10	81"	128"	9200
9' x 12'	44	246	7	74"	144"	7900
9' x 14'	51	285	7	78"	144"	8500
9' x 16'	58	324	10	80"	144"	9100
9' x 18'	65	364	10	84"	144"	9700
9' x 20'	72	403	10	85"	144"	10,100
10' x 12'	48	268	7	74"	156"	9100
10' x 14'	56	313	10	79"	156"	9500
10' x 16'	64	358	10	81"	156"	9900
10' x 18'	72	403	10	84"	156"	10,600
10' x 20'	80	481	10	85"	156"	11,100
12' x 12'	58	324	10	74"	180"	11,000
12' x 14'	68	380	10	78"	180"	11,500
12' x 16'	77	431	10	80"	180"	12,000
12' x 18'	86	481	10	84"	180"	12,600
12' x 20'	100	560	10	85"	180"	13,200
13' x 16'	84	470	10	80"	192"	12,900
13' x 18'	95	530	10	84"	192"	13,500
13' x 20'	108	600	15	85"	192"	14,000
13' x 20'	125	700	20	97"	192"	15,400

Specifications

- Sizes - 24 ft². through 260 ft².
3 ft. through 13 ft. wide
8 ft. through 20 ft. long
- Number of decks available - 1 through 3
- Material of construction - Mild Steel.
- Construction design - Welded steel construction for drive/screen assembly
 - Fully stress relieved
 - Bolted Structural Steel Support Stand
- All screen surfaces are tensioned for high screening efficiency as a standard.
- Quick Change screen access door
- Dynamically Balanced design - Horizontal loading is <3% of maximum vertical loading
- 300 RPM operating speed at a 2" diameter stroke
- Motor - 5 HP to 20 HP, TEFC, 1800 RPM, Customer preferred brand
- Fines pan air lancing ports for quick pan cleanouts by your operators
- Infeed landing deck c/w a bolted steel wear liner
- Custom discharge Chutes designed for your application

Options

- Double Single Construction - high capacity single cut option
- Counter Flow Construction - provides super high fines removal efficiency
- Wear liners - UHMW or Stainless Steel
- Dust Cover Assembly - steel bolted and gasketed construction
- Central Hanger lubrication system
- Stainless Steel Screen Elements, Fines Pan, Etc.
- Drive Bearing Temperature Monitor - RTD
- Open Bottom Construction - no fines pan
- Suspended Construction - overhead building supports, (deletes support stand)
- Ball Box Screen Cleaning - steel frames and 2" diameter high bounce balls

Ball-Decks

BM&M screens can be equipped with "Ball-Decks" to assist in keeping the fines screen clean when screen openings are less than 3/16" or when the product is moist and sticky.

The active motion propels the captive balls to constantly strike the underside of the fines screens thus dislodging wedged-in particles or near-sized plugs.

Depending on the application, the balls are a 2" diameter synthetic rubber or special compound.

BM&M screens can be equipped with a variety of mesh or perforated metal screens in many materials.

