



**Maximum
Performance
Assured**

after testing in our
European Lab*

Screening Solutions For Wood And Wood Related Industries

Large stroke combined with exclusively horizontal high-speed, gyratory motion delivers an aggressive G-Load.

Exclusively horizontal motion results in fewer pins (long thin material) in the fines fraction.

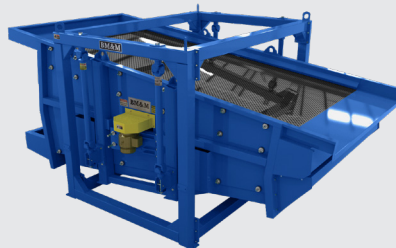
The sealed eccentric weight drive is engineered in the centre-of-mass of the machine causing the motion to be completely balanced allowing the machine to run at higher RPMs and lower dynamic forces.

* Based upon customer material testing at our lab testing facilities in Europe – we test your material and create a performance objective tailored to your specific applications.

ROTEX GROUP SCREENING RANGE FOR THE WOOD INDUSTRY



CS MODEL



COUNTERFLOW CS MODEL



SUPER SCREEN

WOOD AND WOOD RELATED INDUSTRIES



Sawmilling Industry

- Wide range of models 2.2-24m²
- Counterflow solution for small footprint
- Direct access to all decks
- Maintenance free drive bearing



Pulp And Paper Industry

- Guaranteed efficiency and customised stroke and slope by material testing in Europe
- Heavy-duty large-scale design up to 24m² per deck
- For fines screening (6.5mm wire mesh opening and smaller) ball decks are available to eliminate blinding



Wood Based Panel Industry

- Aggressive G-Load reduces blinding on top deck for wood or veneer chips
- Ball decks for fines screening and boiler fuel applications
- ATEX certified solutions for combustible dust and fines applications



Special Wood Related Products

- Fines removal and de-dusting of animal bedding
- Silica removal for recycled wood chips
- Separate sticky, fine material from bark, pin chips, mulch and or compost without blinding

DESIGN AND MATERIALS

- Welded steel construction for drive/screen assembly
- Bolted structural steel support stand (floor-mounted as standard)
- Custom length hangers available for supporting the machine from the overhead existing structure
- Fines pan cleaning ports or open bottom construction available
- Infeed landing deck with optional bolted stainless steel or Hardox™ liners
- Mild steel materials, fully stress relieved
- Screen access door for screen element changes
- Separate discharge chutes for each screen
- Optional fully enclosed construction depending on application

FEATURES AND DETAILS



CS Screen Tensioning Device

Device will uniformly tension the screen creating a taut surface for higher separation efficiency.



Ball Decks To Reduce Blinding

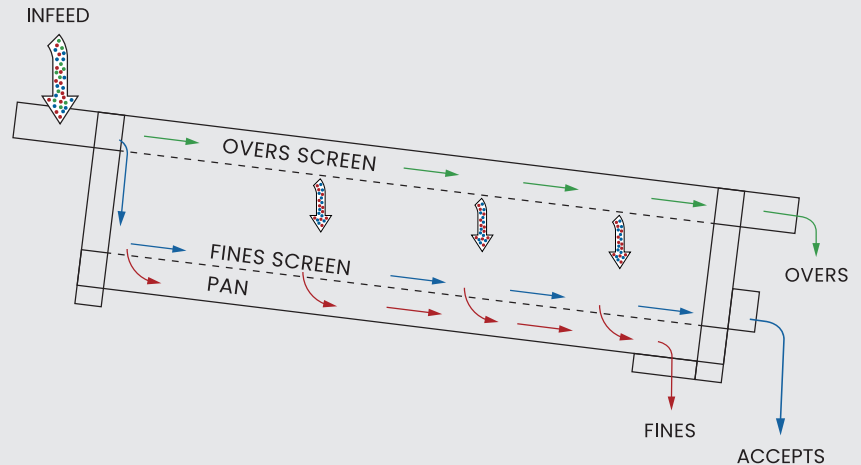
The high bouncing force of the balls installed underneath the woven wire mesh will prevent blinding for virtually any application.



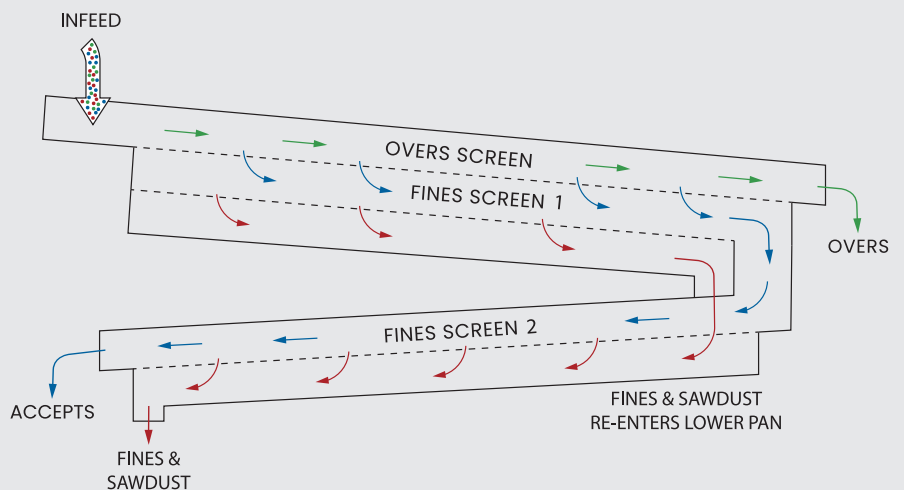
Custom Discharge Chute Configurations

Custom discharge chutes designed for your application or plant configuration.

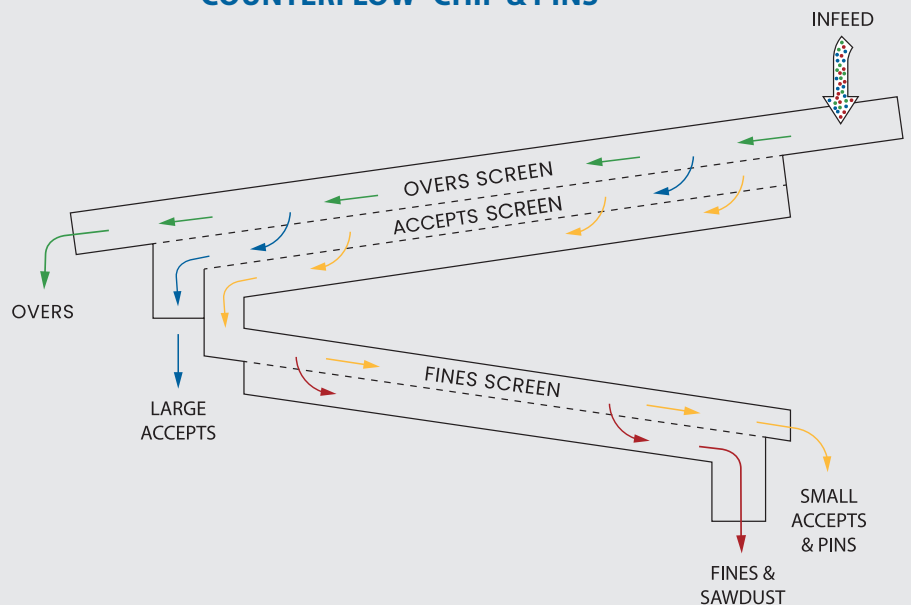
STANDARD CHIP SCREEN



COUNTERFLOW "TWIN FINES"*



COUNTERFLOW "CHIP & PINS"*



* Counterflow models available up to six fractions.

SIZING AND SPECIFICATION

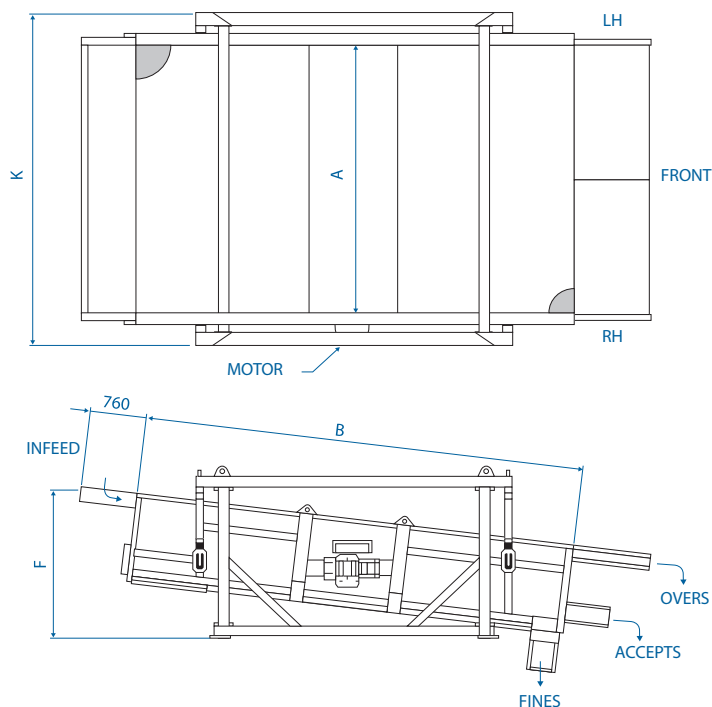
Chip Screen					
Model [AxB]	Area [m²]	Power [KW]	Weight [kg]	F [mm]	K [mm]
3 x 8	2.25	3.7	1590	1500	1630
3 x 10	2.80	3.7	1680	1550	1630
4 x 8	3.00	3.7	1815	1500	1930
4 x 10	3.75	3.7	1905	1550	1930
4 x 12	4.50	3.7	2090	1570	1930
5 x 10	4.65	3.7	2360	1630	2340
5 x 12	5.60	3.7	2680	1700	2340
6 x 10	5.60	3.7	2810	1630	2640
6 x 12	6.70	3.7	2995	1700	2640
6 x 14	7.80	3.7	3130	1780	2640
6 x 16	8.95	5.5	3310	1850	2640
7 x 10	6.50	3.7	3040	1630	2950
7 x 12	7.80	5.5	3130	1700	2950
7 x 14	9.10	5.5	3450	1780	2950
7 x 16	10.40	5.5	3585	1850	2950
8 x 10	7.45	5.5	3175	1630	3250
8 x 12	8.95	5.5	3400	1800	3250
8 x 14	10.40	5.5	3630	1850	3250
8 x 16	11.90	7.5	3765	1960	3250
8 x 18	13.40	7.5	3945	2010	3250
8 x 20	14.85	7.5	4175	2060	3250
10 x 12	11.15	7.5	4130	1880	2960
10 x 14	13.00	7.5	4310	2010	3960
10 x 16	14.85	7.5	4490	2060	3960
10 x 18	16.75	11	4810	2130	3960
10 x 20	18.60	11	5035	2160	3960
12 x 20	22.30	11	5990	2160	4570
13 x 20	24.15	11	6350	2160	4880
13 x 20 JB	24.15	15	6985	2460	4880

Counterflow Chip Screen					
Model [AxB]	Area [m²]	Power [KW]	Weight [kg]	F [mm]	K [mm]
5 x 14	6.5/13.0	5.5	4900	2417	2430
6 x 14	7.8/15.6	5.5	5400	2417	2740
7 x 14	9.1/18.2	7.5	5850	2417	3050
8 x 14	10.4/20.8	7.5	6300	2417	3350
9 x 14	11.7/23.4	7.5	6750	2417	3660
10 x 14	13.0/26.0	7.5	7200	2417	3960

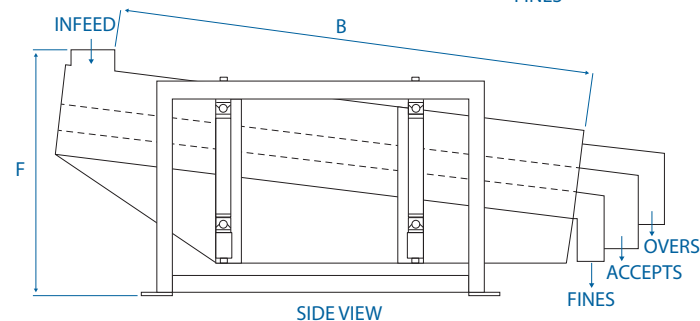
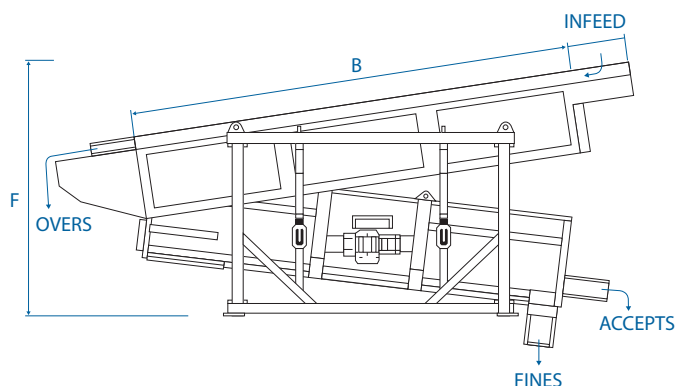
Super Screen					
Model [AxB]	Area [m²]	Power [KW]	Weight [kg]	F [mm]	K [mm]
2 x 6	1.10	1.5	900	1100	1210
3 x 6	1.70	1.5	1130	1130	1520
3 x 8	2.25	3.7	1440	1150	1520
4 x 8	3.00	3.7	1920	1200	2030
4 x 10	3.75	3.7	2400	1250	2030
4 x 12	4.50	3.7	2880	1300	2030
5 x 10	4.65	3.7	3080	1380	2260
5 x 12	5.60	3.7	3600	1500	2260
6 x 10	5.60	3.7	3750	1430	2640
6 x 12	6.70	3.7	4350	1550	2640

Figures shown are estimates - final figures and weights are determined after detailed engineering for each machine.

In total 96 chip screens and counterflow models are available. Find more at: therotexgroup.com



Up to 700m³/h on the largest machine
(for log chipping applications low fines amount)



To find your local Rotex Group representative visit our website

therotexgroup.com