



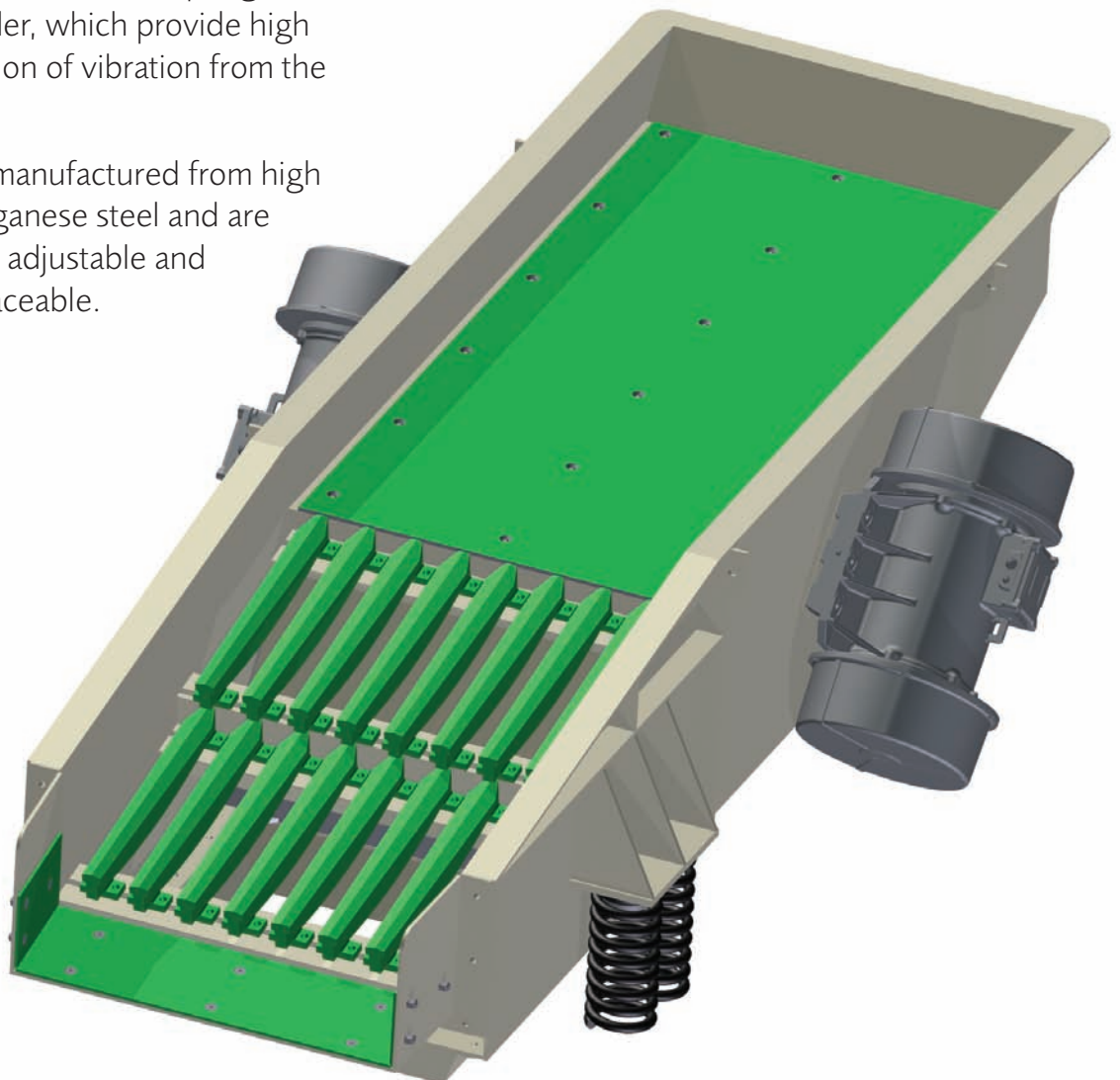
GOODWIN BARSBY
LEICESTER, ENGLAND



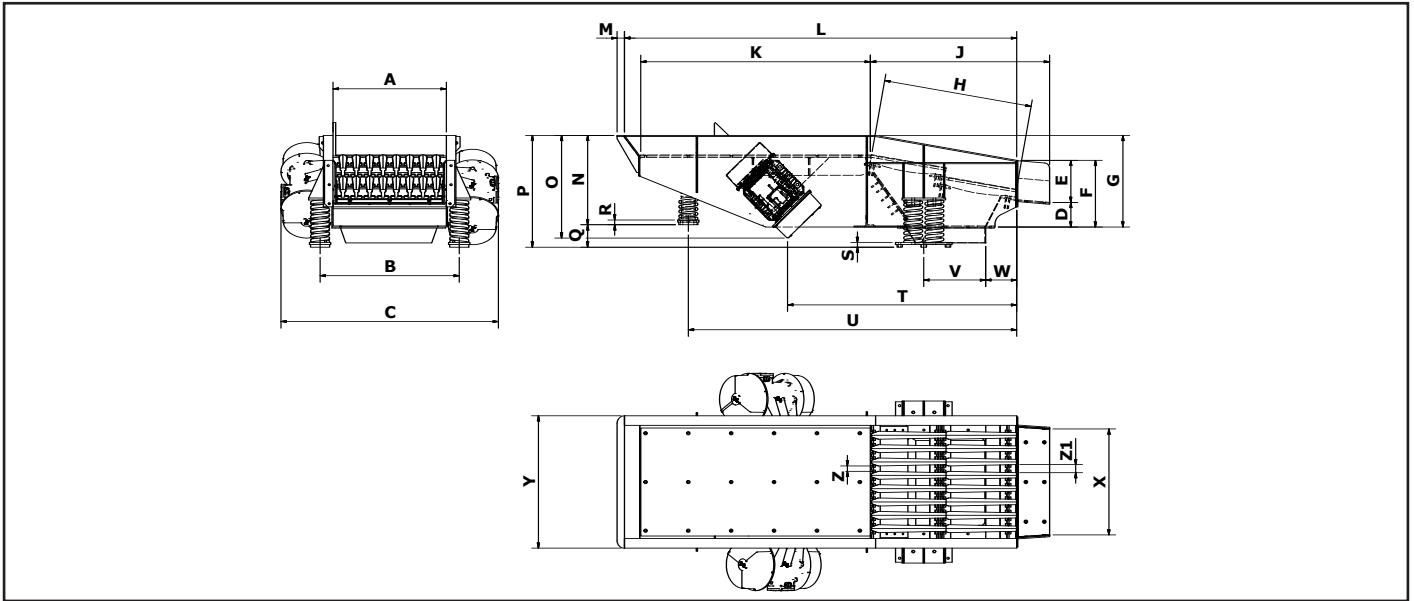
Manufactured in the UK

Vibrating Grizzly Feeders

- Range of Vibrating Grizzly Feeders with outputs upto 500 tonnes per hour.
- Fully manufactured in the United Kingdom and of robust construction to cater for heavy duty applications.
- Ideally suited for installation prior to a primary crusher, where the double drop grizzly bar sections removes fines, boosting throughput and reducing wear and potential overloading of the crusher.
- Higher impact loading shocks absorbed by 8 specially designed low stress springs carrying the feeder, which provide high degrees of isolation of vibration from the superstructure.
- Grizzly bars are manufactured from high quality cast manganese steel and are interchangeable, adjustable and individually replaceable.
- Powered by two out-of-balance vibrating motors complete with feed rate control and each having individual overload protection at a range for both to cut-out should one overload.
- The use of vibrating motors offers the minimum of moving parts, ease of maintenance and low cost running between periods of servicing – dust and weather proof, totally enclosed with no belts, gears or shafts.



Vibrating Grizzly Feeder Specification



Dimensions, Capacities and Weights

| Size | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | EACH MOTOR (kW) | TONNES PER HOUR | WEIGHT MAX (KG) |
|-----------------------------|------|------|------|-----|-----|-----|------|------|------|------|------|------|----|-----|------|------|-----|----|----|------|------|-----|-----|------|------|-----------------|-----------------|-----------------|
| 750 x 2500 (30" x 8' 2") | 750 | 970 | 1474 | 26 | 410 | 500 | 760 | 920 | 1292 | 996 | 1525 | 2500 | 70 | 735 | 880 | 895 | 160 | 45 | 45 | 1320 | 2075 | 355 | 230 | 750 | 906 | 2.78 | 200 | 1700 |
| 915 x 3660 (36" x 12') | 917 | 1162 | 1722 | 370 | 385 | 780 | 865 | 1405 | 1903 | 1530 | 2170 | 3705 | 70 | 811 | 985 | 1016 | 205 | 45 | 45 | 2175 | 3100 | 683 | 385 | 857 | 1077 | 4.0 | 300 | 3000 |
| 1065 x 3660 (42" x 12') | 1070 | 1315 | 1875 | 370 | 385 | 780 | 865 | 1405 | 1903 | 1530 | 2170 | 3705 | 70 | 811 | 985 | 1016 | 205 | 45 | 45 | 2175 | 3100 | 683 | 385 | 1010 | 1230 | 4.0 | 400 | 3190 |
| 1220 x 4265 (48" x 14') | 1220 | 1466 | 2130 | 441 | 371 | 865 | 1000 | 1405 | 2120 | 1680 | 2792 | 4270 | 70 | 840 | 1008 | 1045 | 205 | 45 | 45 | 2380 | 3650 | 664 | 386 | 1120 | 1380 | 6.2 | 450 | 4225 |
| 1372 x 4880 (54" x 16') | 1370 | 1670 | 2284 | 440 | 400 | 690 | 1000 | 1830 | 2425 | 2105 | 2934 | 4880 | 70 | 827 | 1008 | 1032 | 205 | 45 | 45 | 2645 | 4050 | 612 | 438 | 1270 | 1530 | 6.2 | 500 | 5607 |

Bar Spacings

| Size | NUMBER OF BARS/BAR SPACING IN MM (MEAN SETTING) | | | | | | | | | |
|---------------------------------|---|-----|-----|-----|-----|----|----|----|----|----|
| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 750mm x 2500mm (30" x 8' 2") | 130 | 89 | 62 | 42 | 28 | - | - | - | - | - |
| 915mm x 3660mm (36" x 12') | - | 130 | 98 | 75 | 57 | 44 | - | - | - | - |
| 1065mm x 3660mm (42" x 12') | - | 153 | 115 | 88 | 68 | 52 | 39 | 29 | - | - |
| 1220mm x 4265mm (48" x 14') | - | - | 140 | 110 | 87 | 69 | 55 | 43 | 33 | - |
| 1372mm x 4880mm (54" x 16') | - | - | 165 | 131 | 105 | 85 | 69 | 56 | 45 | 35 |

Amplitude of Vibration

| Pegged Position No. | PEAK TO PEAK (mm) | | | | |
|---------------------|---------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|
| | 750mm x 2500mm (30" x 8' 2") | 915mm x 3660mm (36" x 12') | 1065mm x 3660mm (42" x 12') | 1220mm x 4265mm (48" x 14') | 1372mm x 4880mm (54" x 16') |
| 1 | 9.36 | 8.84 | 8.84 | 9.24 | 6.91 |
| 2 | 9.25 | 8.72 | 8.72 | 9.11 | 6.83 |
| 3 | 8.91 | 8.40 | 8.40 | 8.78 | 6.58 |
| 4 | 8.35 | 7.87 | 7.87 | 8.23 | 6.16 |
| 5 | 7.58 | 7.15 | 7.15 | 7.47 | 5.59 |
| 6 | 6.62 | 6.25 | 6.25 | 6.53 | 4.89 |
| 7 | 5.51 | 5.20 | 5.20 | 5.43 | 4.07 |
| 8 | 4.25 | 4.01 | 4.01 | 4.19 | 3.14 |
| 9 | 2.89 | 2.73 | 2.73 | 2.95 | 2.14 |
| 10 | 1.46 | 1.38 | 1.38 | 1.44 | 1.08 |

AUTHORISED DEALER

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