

FlexHammer™

FH 1800 Crawler



Solutions for industrial recycling

Solutions in waste handling

FH1800 Crawler details



GPS-dial-up service & maintenance support hub



Flexhammer Reject Door



Feed Roller



Steel hopper



3200 KG / 7055 lbs
Swedish ELME-magnet, electro



Stainless steel frame
under magnet



Swedish quality
Åkerström remote



IP 65 e-cabinets



CAT C32 - 1125-1200 bhp



Steel aprons
reinforced

**IQR FlexHammer™
1800 Crawler**

The FlexHammer™ function

Firstly it is equipped originally with swinging hammer rotor. This enables the 48 hammers, each at 24 lbs, to swing back and hide between the rotor discs when tramp metal enters the mill. In this way damage is avoided. The hammers ability to flex back causes the unwanted object to be pushed out through the crushers reject door. The Reject System is reliable and user-friendly working with either a mechanical break-pin system or a hydraulic one.

The FlexHammer™'s heavy-duty rotor is built on an 11,6" shaft and has a total diameter of 47,2" from hammer-tip to tip. The hammers swing upwards and are therefore efficient in breaking the material fuel efficiently first at mill entry then onwards in mill roof, over the anvils and lastly over the exchangeable 3,15" steel screen.

The anvils are sometimes referred to as the knife segments. This is because they are positioned in such way that the hammers scissor their way through the anvil section. This is especially important when handling materials that not easily shatter but must also be cut.

The anvils also play a vital role in stopping any tramp metals, enabling the reject door to take that hit.



The model 1800 has a feeder and mill width of 70" which enables easy feeding and high throughput.

The 63" wide belt makes the material thickness as thin as possible when passing under the electro magnet. This magnet is powered by a generator and lifts over a 160 lbs at under 9" enabling the day-to-day smaller steel to be picked efficiently.



Example of contaminations





Solutions for industrial recycling

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