

# FlexHammer™ FH 1800 Mobile

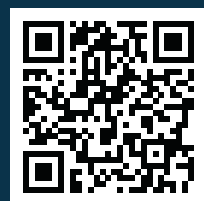


Solutions for industrial recycling

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# IQR FlexHammer™ 1800 Mobile Unit



## Multi purpose heavy duty hammermill

- + Outstanding performance with 30 years of built-in experience.
- + The FlexHammer™ system presents great flexibility regarding variation in feed materials.
- + Swedish quality.

# WELL KNOWN FOR IT'S UNBEATEN CAPACITY AND FLEXIBILITY.

The FH1800 Mobile Unit is a well known all purpose, heavy duty, high capacity hammermill of industrial quality standard.

## Typical feed materials:

- + Wood waste demolition timber, railway sleepers, treetops and branches, bark, offcuts from industries etc.
- + Household waste.
- + Industrial waste of different kinds.
- + Commercial waste, packing materials.

## Finished products:

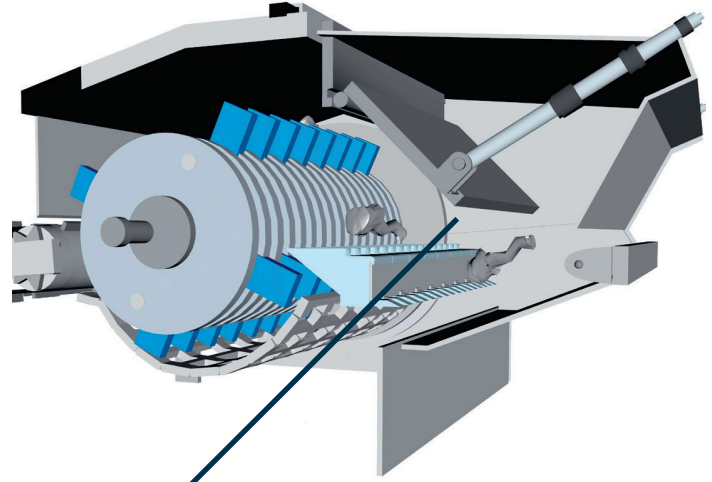
Are being used as fuel for energy production or for compost or just for volume reduction.

## Particle size of finished products:

The hammermill's design allows for a large variety of the finished products' particle size. Typical finished products are e.g. between 0–50 mm and 0–500 mm.

## Contaminations:

The hammermill has a mechanical safety device in form of a reject door which opens in case of pressure from uncrushable objects. Stones will be crushed.



### *FlexRejectDoor™*

*This is a safety device which prtects the mill from damage and stoppages if any uncrushable material is fed in by mistake.*

## DATA

Dimensions:	12,3 (18,1) x 2,85 x 3,97 m. Allowed for 80 km/h in Sweden. Ready for production within 30 minutes after transportation.	Engine:	Caterpillar C27– V12 875 hp.
Total weight:	45 tons.	Fuel tanks:	Two tanks, totally approx. 3.000 l.
Chassis:	Frame with 2" king pin. 3 axles at c/c 1810 mm 3rd with steering. 6 single wheels 425/65 R 22,5. Air suspension with lifting and lowering functions. Hydraulic supports at front end. Foldable walkways.	Transmission:	V-belt drive of hammermill over hydraulic coupling. Hydraulic drive of other components.
Feeding:	Apron feeder and feed roller.	Electrical:	System for engine and other functions including warning signals, stop buttons, engine start, control box and remote control.
Hammermill:	FlexHammer™ 1800.	PLC:	Optional Dial-up service function. Numerous optional control settings.
Discharge conveyor:	c/c 14 m x 1400 mm. Hydraulic drive and folding.	Options:	Hydraulic hammershaft extractor.
Magnet:	Overband and drive pulley magnet on discharge conveyor.	Capacities:	Conditions of feed materials, feeding methods, finished products' particle size etc. influence to the final capacity. 100–200 m³/h corresponding to 30–50 tons/h is a normal production of wood chips from demolition timber. Above 100 tons/h possible and recorded during excellent
Automatic Fire extinguisher:	Included.		



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