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- WOOD AND GARBAGE CRUSHERS
- BIO SHREDDER

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Technical Specifications: HFG II

Type series:

Type HFG II	Drive	Output (KW)
HFG II 80 km/h tandem axle and overrun brake and height adjustable axle	Hatz-3L41C or Kubota diesel engine	35,9 to 70 kW
HFG II-Z Articulated drive-shaft 25 km/h with compressed air system	Take-off shaft	at least 40
HFG II E/S stationary system with steel supports and switching cabinets at the system	Electric motor	45
HFG II hook lift with sledge undercarriage	Diesel engine	35,9 to 70 kW

Technical Equipment:

- Undercarriage:**
- Geschweißte Stahlprofilkonstruktion
- Undercarriage:**
- Tandemachse
 - auflaufgebremste Zugeinrichtung mit einem zulässigen Gesamtgewicht von 3.000 kg
 - TÜV-Abnahme für 80 km/h Zulassung
- Alternative:**
- stationäre Stahlunterkonstruktion oder Schlittenunterbau mit Hakenliftaufnahme
- Tyres:**
- 4 195/50 R 13 C
- Lighting:**
- pursuant to StVZO for mobile system
- Motor drive:**
- This mobile system is driven by a 35.9 kW to 70 kW
 - diesel engine and directly via V-belts.
- Alternative:**
- Electric motor 45 KW with switching cabinet and star-delta switching
- Hydraulic system:**
- The supply belt (scraper floor conveyor) and infeed roll are driven by one hydraulic engine each.
- Hydraulic tank:**
- Volume: 80 litres
 - Type DE 32
- Infeed:**
- Scraper floor conveyor with a width of 780 mm and standard length of 1,250 mm
 - Infeed roll mounted in swinging arrangement and a through-pass height of 200 mm.
- Striking rotor:**
- 16 hammers 50 mm wide
 - Tip equipped with carbide and screwed on.
 - Striking mechanism width 750 mm
 - Striking mechanism diameter disc 550 mm
 - Circular: 750 mm
 - The rotor's rotational direction is towards the infeed belt via a crushing edge
- Diesel tank:**
- Volume: 50 litres
 - Fuel consumption 15 – 20 litres per hour
- Dimensions:**
- See setup plan and design
 - Total length: approx 5,200 mm
 - Width: 1,550 mm
 - Height: approx 2,300 mm
 - Coupling height 450 mm
 - Infeed height: 1,300 mm
 - Hopper opening length 1,500 mm
 - Hopper opening width 1,200 mm tippable
 - Hopper flap 700 mm
 - Hopper width 780 mm
- Weights:**
- Own weight by design 3000 kg
 - Perm. axle load: 2,800 kg
 - Support load 100 kg
- Throughput:**
- 20 to 50 m³/h and more
 - depending on material

