

Manufacture of numerous refractory products such as
tap hole and ramming mass using the
specially developed HÄNDLE
Extruder series EF

Extrusion technique for refractory materials

EF

**MADE IN
GERMANY**



The HÄNDLE extruder series EF

Economical, proven in practice, reliable in operation - the greatest recognition of our international customers is their trust in our machines and plants.

With extrusion technique by HÄNDLE it is possible to produce all refractory materials in highest quality.

In designing our HÄNDLE extruder series EF, HÄNDLE systematically implemented the latest in process- and

mechanical-engineering know-how pertinent to extrusion technology.

To adapt the extruders flexibly to the needs and requirements of our customers, we offer a wide and modular product range.

Individual tasks will be tested process-related and improved in our HÄNDLE laboratory. Challenge us!

Advantages of extrusion technique

- ❖ Resource-saving through energy-efficient drive technology
- ❖ Continuously highest quality due to process safety
- ❖ Scalable process
- ❖ Defined adjustable product properties (porosity, density, temperature)
- ❖ High flexibility due to fast exchange of dies

Technical data

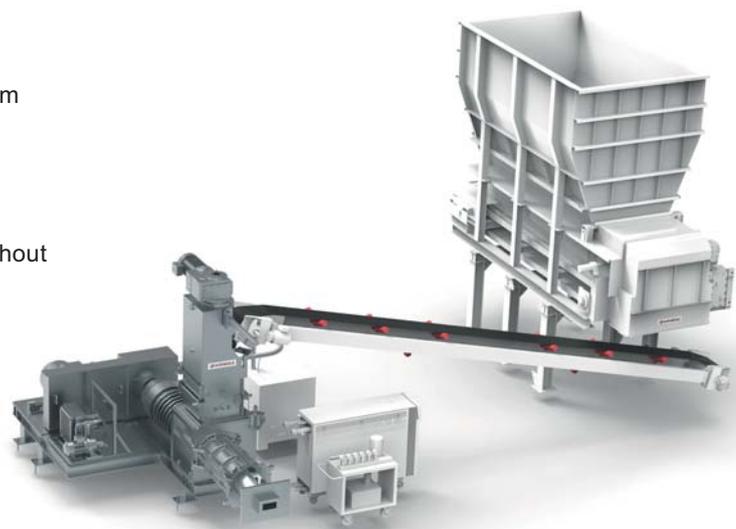
TYPE	Throughput capacity* t / h
EF 1	1
EF 2	2
EF 3	3
EF 4	4
EF 5	5
EF 6	6
EF 7	7
EF 8	8
EF 9	9
EF 10	10
EF 11	11
EF 12	12

* With average density of 2 t/m³

Subject to technical modification due to ongoing development.

In combination with HÄNDLE box feeder*

- ❖ Ideal for different recipes
- ❖ Guaranteed high process stability due to optimum dosing of the mass
- ❖ Different sizes for different throughput rates
- ❖ Options such as temperature control, with or without vacuum or die lubrication unit
- ❖ Easy handling (cleaning, maintenance, etc.)



*The box feeder was developed, patented and continuously optimized by HÄNDLE in 1906.