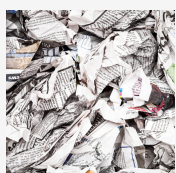
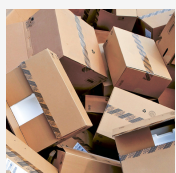
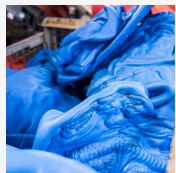


# WEIMA WLK 10-20

Single-shaft shredders for many applications



high powered shredders  
for maximum throughput



overview

WEIMA offers a diverse line of shredding and grinding equipment to the wood, plastic, paper, metals, nonwovens, and recycling industries. Our broad range of products include standard in-stock machines as well as tailored solutions for any size reduction requirements.

benefits

The WLK 10-20 single-shaft shredder series machines come equipped with large infeed openings and hopper capacities.

The rotor shreds the material until it can fall through the desired screen size. Screens come in various sizes and are selected with the throughput requirements in mind.



These shredders are highly customizable, making them effective at processing a variety of applications.



# Machinery Details

A closer look at standard and optional features.



## Gearbox

- WEIMA gearbox design
- Hydraulic drive optional
- Torque limit switch



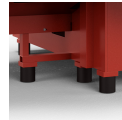
## Lift-up door (optional)

Easy access to cutting chamber for preventative maintenance and cleaning



## Custom hopper designs

- Flared hoppers
- Hopper wall extensions
- Hopper hoods
- Photo eye (optional)



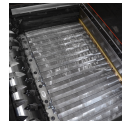
## Rubber feet

For vibration control and shock absorption



## Bearings

- Flange mounted
- Spatter ring
- Pillow block available



## Ram

- Serrated version
- Ram extensions
- Ram comb



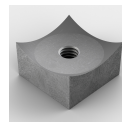
## Rotor features

- Welded knife holders (bolted knives available)
- Chilled rotor available for materials with low melting points
- V-Rotor and F-Rotor designs available, specified by application type and desired goal



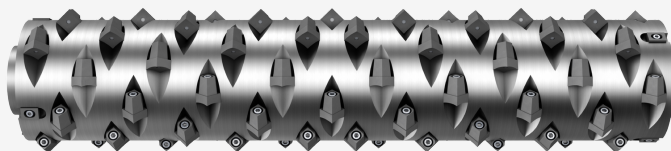
## Screen size

Varies depending on application and throughput requirements



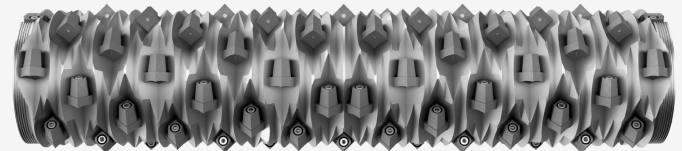
## Cutting knives

- 4x indexable knives and broaching knives
- VAUTID protection and carbide tips (optional)



## F-Rotor:

- For difficult-to-shred textiles, fibers and film
- The F is for “filaments”
- Comes with bolted or welded knife holders.
- Extreme wear protection is available for more abrasive applications.

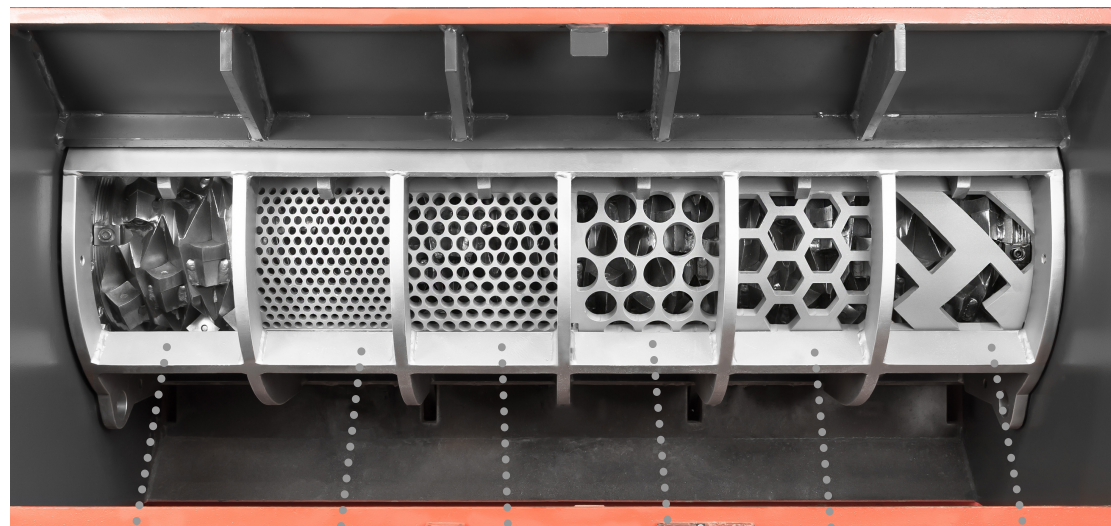


## V-Rotor:

- Versatile rotor type for many applications
- High-throughput, low-energy consumption
- Cutting gap adjustment
- Wear resistant and robust

# One size does not fit all!

Fine-tuning shredder features for optimal throughput.



Open space

Small  
round hole

Medium  
round hole

Large  
round hole

Honeycomb  
screen

Zigzag  
screen

WEIMA offers a variety of screens for the WLK Series shredders.

These screens give customers more control over the size and speed of the material throughput.

WEIMA's extensive line of shredders and grinders offer small shops and large operations an opportunity to streamline workflows and rethink production scrap.



**WEIMA America, Inc.**

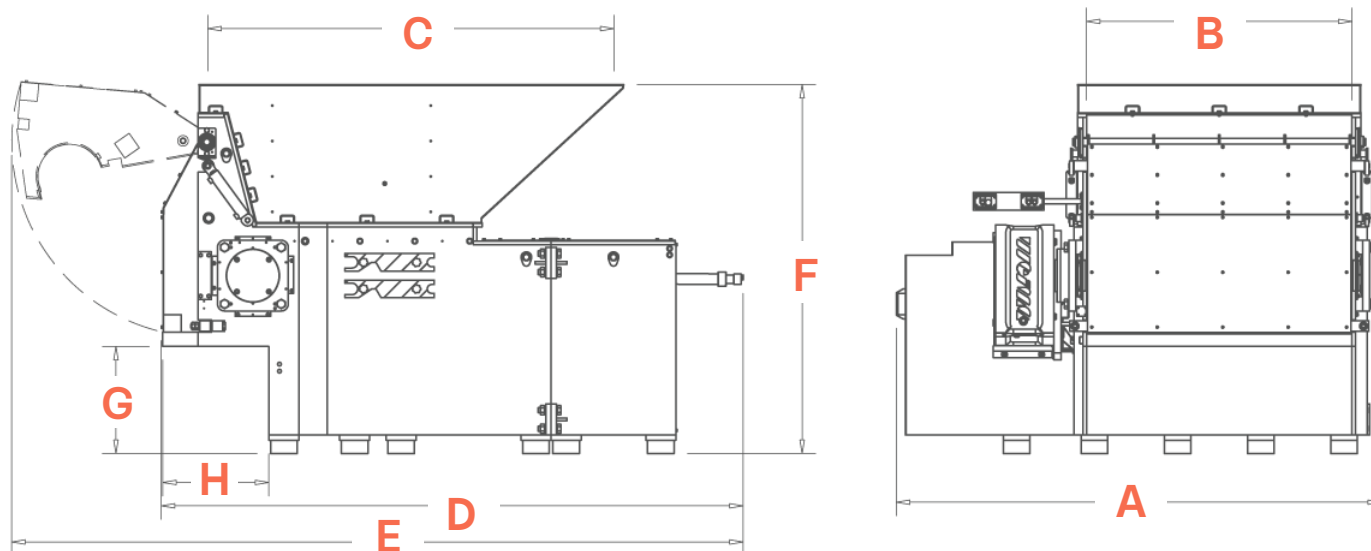
3678 Centre Circle, Fort Mill, SC 29715 USA

phone: 803.802.7170 | toll-free: 888.440.7170

info.us@weima.com | weima.com

# Technical Specifications

Custom configurations available.



	WLK 10	WLK 13	WLK 15	WLK 18	WLK 20
Hopper opening (in)	39.4 x 47.2	51.2 x 47.2	59.1 x 59.1	70.9 x 59.1	78.7 x 59.1
Hopper opening (mm)	1,000 x 1,200	1,300 x 1,200	1,500 x 1,500	1,800 x 1,500	2,000 x 1,500
Rotor diameter (in/mm)	14.5 / 368	14.5 / 368	14.5 / 368	14.5 / 368	14.5 / 368
Rotor speed (rpm)	60 - 120	60 - 120	60 - 120	60 - 120	60 - 120
Power (hp)	60 / 75	75 / 90	120 / 145	120 / 145 / 180	145 / 180
Power (kW)	45 / 56	56 / 67	89 / 108	89 / 108 / 134	108 / 134
Rotor knife size (mm)	40 x 40	40 x 40	40 x 40	40 x 40	40 x 40
Knife count	52	70	82	100	112
Weight (approx lbs/kg)	8,378 / 3,800	10,000 / 4,535	13,890 / 6,300	15,984 / 7,250	21,605 / 9,800
A	82.56 / 2,097	97.62 / 2,480	107.93 / 2,742	121.5 / 3,086	129.37 / 3,286
B	40.56 / 1,030	52.37 / 1,330	59.06 / 1,500	72.06 / 1,830	78.75 / 2,000
C	70.87 / 1,800	78.56 / 1,995	90.37 / 2,295	90.56 / 2,300	90.56 / 2,300
D	106.87 / 2,715	107.43 / 2,728	129.43 / 3,288	126.93 / 3,224	126.93 / 3,224
E	142.68 / 3,624	143.81 / 3,652	162.75 / 4,133	160.68 / 4,081	160.68 / 4,081
F	82.68 / 2,100	81.87 / 2,080	82.06 / 2,085	81.87 / 2,080	81.87 / 2,080
G	23.62 / 600	23.62 / 600	23.62 / 600	23.62 / 600	23.62 / 600
H	23.62 / 600	23.62 / 600	23.62 / 600	23.62 / 600	23.62 / 600