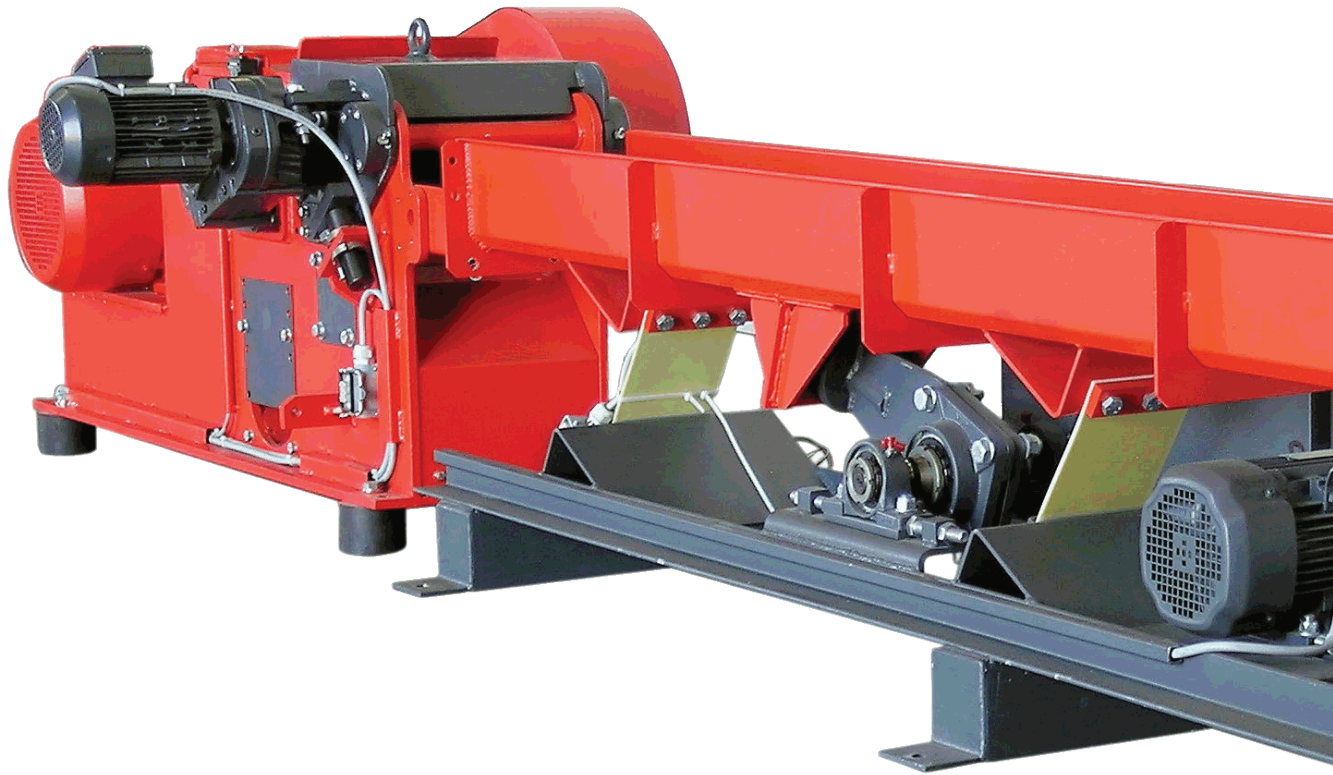


# // WEIMA Horizontal Shredders 400-1300 Series



Before



After

## The Optimum Shredder for Maximum Throughput Rates

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

# We're Tearing It Up

WEIMA's extensive line of horizontal shredders is ideal for processing rippings, siding, window profiles and other lineal waste. Like all WEIMA shredders, the horizontal line can be custom-built to meet unique application needs. The tough construction of the equipment guarantees long service life, a high throughput rate and low noise level. The horizontal machines also come equipped with an integrated control panel for easy set-up.



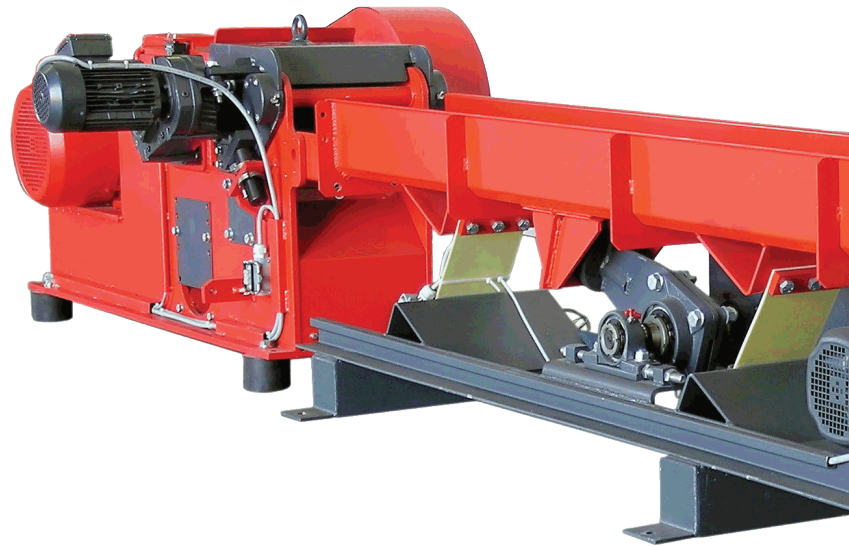
#### **PINCH ROLLER SYSTEM**

- Easily replaceable
- Aggressively shaped infeed bars



#### **BOTTOM INFEEED ROLL**

- Optional
- Aids infeed of smooth surface materials

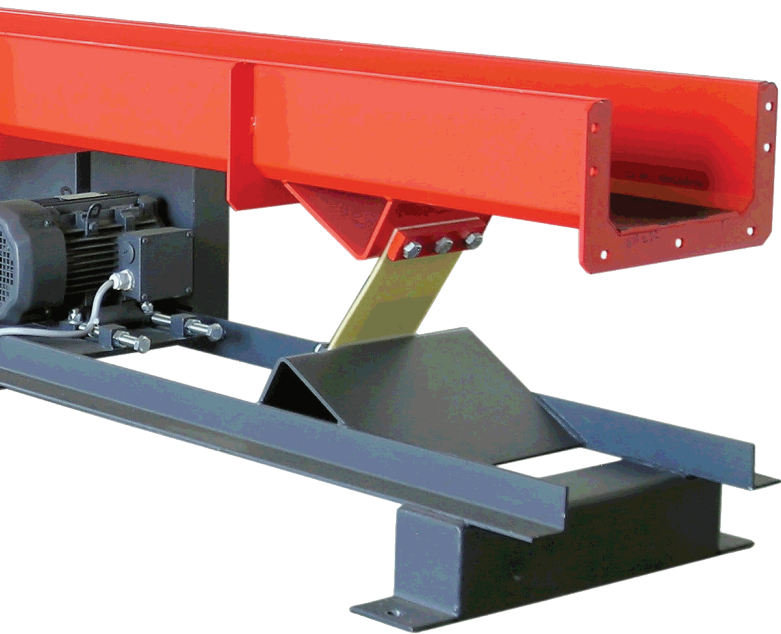


**WEIMA**  
shredding + briquetting

WEIMA's extensive line of equipment also includes: multi-stage systems and briquette presses.

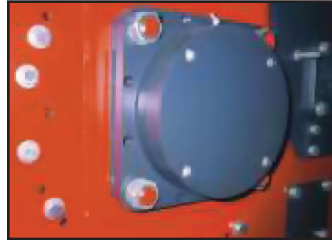


**WLK 4  
SHREDDER**



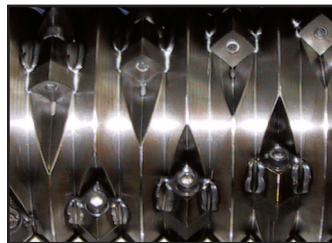
#### CHAIN INFEED

- Leopard model only
- Patented
- Most aggressive feed system available



#### SEALED BEARING

- Spacing gap
- Spatter ring
- Dust seals



#### ROTOR AND KNIVES

- Welded knife holders
- V-rotor – 4x indexable knives and broaching knives
- Carbide tips are optional
- Rotor cooling available for low melt point materials



#### CONVEYER SYSTEM

- Modular
- Vibrating
- Integrated drive-train
- Easy Installation
- Sound absorbing pan



**WLK 10  
SHREDDER**

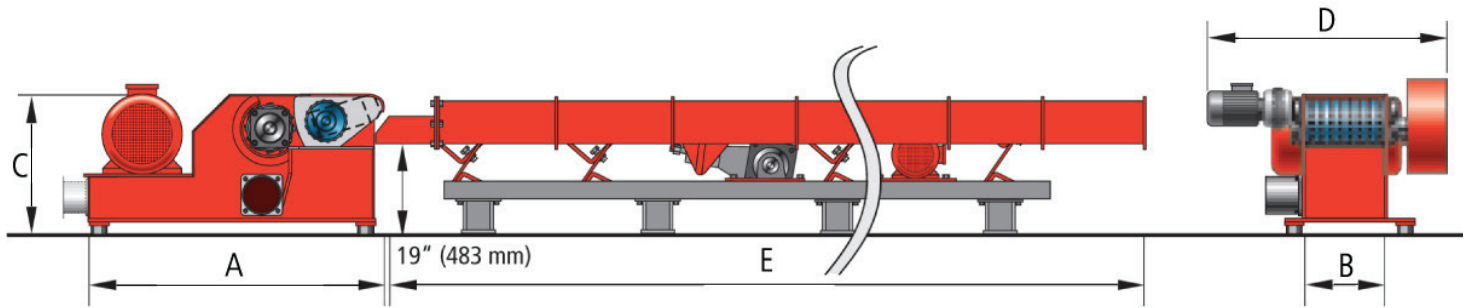


**TH 714  
BRIQUETTE PRESS**



## Technical Data

## Horizontal Shredders 400-1300 Series



	<del>Horizontal Beaver 400</del>	<del>Horizontal Beaver 600</del>	Tiger 400	Tiger 600	Tiger 800	Tiger 1000	Tiger 1300	Leopard 400	Leopard 600	Leopard 800
Feed opening (Inch):	<del>3.9 x 15.8</del>	<del>3.9 x 23.6</del>	15.7 x 6	23.6 x 6	31.5 x 6	39.4 x 6	51.2 x 6	15.7 x 7.9	23.6 x 8	31.5 x 8
(mm):	<del>100 x 400</del>	<del>100 x 600</del>	400 x 160	600 x 160	800 x 160	1000 x 160	1300 x 160	400 x 200	600 x 200	800 x 200
Rotor diameter (In./mm):	<del>10" (256)</del>	<del>10" (256)</del>	14" (354)	14" (354)	14" (354)	14" (354)	14" (354)	14" (354)	14" (354)	14" (354)
Throughput:	The throughput rate depends on the materials being processed and screen size.									
Rotor speed (rpm):	<del>590</del>	<del>590</del>	620	620	620	620	620	620	620	620
Power (hp):	<del>30-35</del>	<del>35-50</del>	35-50	50-60	50-75	75-90	75-120	50-75	60-90	75-120
Rotor knives:	<del>18</del>	<del>32</del>	22	32	44	56	70	22	32	44
Connection-Ø (In./mm):	<del>7.87/200</del>	<del>7.87/200</del>	9.85/250	9.85/250	9.85/250	9.85/250	9.85/250	9.85/250	9.85/250	9.85/250
Extraction (cfm, m/sec)	<del>1900/28</del>	<del>1900/28</del>	3000/28	3000/28	3000/28	3000/28	3000/28	3000/28	3000/28	3000/28
Weight approx. (lbs/kg):	<del>2900/1300</del>	<del>2500/551.2</del>	1900/4189	2400/5291	3000/6614	4200/9260	2000/4410	3000/6614	3000/6614	4000/8819
A (Inch/mm):	<del>1495/58.9</del>	<del>1495/58.9</del>	1835/72.2	1835/72.2	1835/72.2	1835/72.2	1835/72.2	2440/96.1	2440/96.1	2440/96.1
B (Inch/mm):	<del>400/15.8</del>	<del>600/23.6</del>	400/15.8	600/23.6	800/31.5	1000/39.4	1300/51.2	400/15.8	600/23.6	800/31.5
C (Inch/mm):	<del>770/30.3</del>	<del>770/30.3</del>	950/37.4	950/37.4	950/37.4	950/37.4	950/37.4	950/37.4	950/37.4	950/37.4
D (Inch/mm):	<del>1215/47.8</del>	<del>1385/54.5</del>	1340/52.8	1545/60.8	1805/71.1	2005/78.9	2305/90.7	1100/43.3	1300/51.2	1500/59.1

Conveyor length (E) varies depending on the application.

Demonstrations and tests with your materials are possible in our facility by appointment only.

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