

ARP

SYSTEM TECHNOLOGY FOR
ADDED VALUE RECYCLING

ARP Singleshaft Shredder

Model EZ 100

Applications

Shredding of, e.g.
plastics, copper cables,
paper, files, cartons,
wood waste, chipboard,
pallets, computer scrap,
carpets.



SINGLESHAFT
SHREDDER

גמא תקשורת והנדסה (א. פולק) בע"מ

תכונות ומפרט טכני למגרסת EZ 100

מפרט	דגם EZ 100
פתח ההזנה	1000 x 1630 ס"מ
נפח מיכל ההזנה	1100 ליטר
אורך הרוטור/משטח הגריסה	1000 מ"מ
עוצמת מנוע רוטור	30 / 40 KW כ"ס
עוצמת מנוע לחצן הידראולי	1.5 / 2 KW כ"ס
עוצמת מנוע (אופציונלי)	1.5 / 2 KW כ"ס
דרישות מתח, תלת פאזי	380 / 50 HZ וולט
פיקוד	בקר SIEMENS
קוטר הרוטור כולל סכינים	300 מ"מ
קוטר הרוטור ללא סכינים	283 מ"מ
מהירות סיבוב הרוטור	97 סיבוב לדקה
מספר סכינים על הרוטור	68 יחידות
מספר סכינים על הסטטור	70 יחידות
תפוקה ממוצעת בהתאם לרשת, סוג החומר, אופן ההזנה	500-2000 ק"ג/שעה
רשתות סטנדרטיות	10 / 12 / 15 / 20 / 30 / 40 בלי מ"מ
אפשרויות פינוי חלקיקים	מסוע בורגי / יניקה / מסוע סרט
גובה	2065 מ"מ
רוחב	2000 מ"מ
עומק	1700 מ"מ
משקל	3.5 טון בקירוב

The benefits of Added Value Recycling

The shaft system employed in the EZ 100 is largely invulnerable to metal components, nails or clips. Operating reliability is ensured by a series of innovative individual features, e. g. a pendulum-type pressurizing mechanism which effectively prevents the shredded material from clogging and permits processing of long component parts. This eliminates machine stoppages through obstructions. Thanks to its hinged hopper, the EZ 100 is

exceptionally easy to maintain. Operating costs are reduced in other ways, i.e. both the rotor and the countercutters are equipped with disposable and reversible cutting inserts. When worn, they only have to be replaced. The EZ 100 universal shredder decisively reduces dumping and disposal costs.

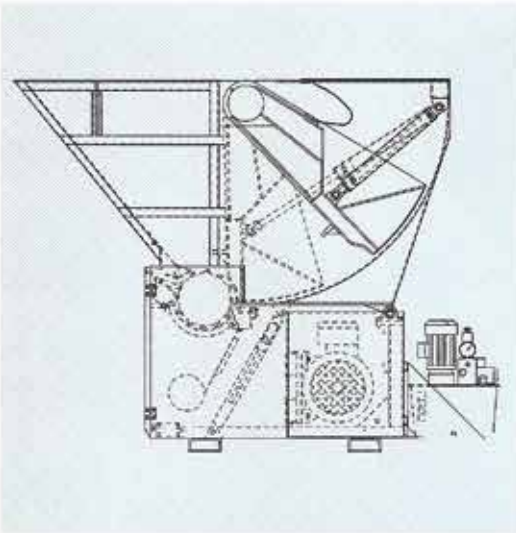
Details of our entire range of Recycling systems are available on request.

Function description:

Bulk material is automatically drawn into the shredder by the rotary motion of the shaft, acting in conjunction with a hydraulic pressurizing mechanism, and shredded. A screen located below the shaft determines the fragment size. Various screen sizes are available.

- The drive system and shredding mechanism are electronically monitored and thus protected against overloading.
- The shredding mechanism is a slow running, low-noise system.

- The rotor consists of a non-deformable solid steel cylinder.
- The disposable cutting inserts are distributed in a spiral pattern around the circumference of the rotor and are easily replaced.
- Two countercutters, made of tempered steel and equipped with disposable cutting inserts are mounted on each side of the shaft.
- Precision cutting ensures uniformity of the shredded material and long life for the cutters.



EZ 100 universal shredder with disposable cutting inserts which can be rapidly and individually replaced.

ARP Singleshaft Shredder EZ 100 Technical data

Length x width x height	2000 x 1700 x 2065 mm
No. of cutters on rotor	34/68, disposable inserts made of various materials
Countercutters	2 countercutter mounts with disposable inserts
Pressurizing mechanism	Hydraulic
Drive power	18,5 kW / 30 kW
Hopper aperture	1000 x 1630.00 mm
Hopper capacity	approx. 1000 l
Material offtake	Screw conveyor, vacuum extraction, conveyor belt
Screen	10-40 mm (nonstandard sizes on application)
Rotor speed	53 rpm / 100 rpm
Weight	approx. 3200 kg
Connected load	3 N / 400 V / 50 Hz
Control system	SPC control
Switch cabinet with control panel	Various layouts available (since control panel is not fixed to the machine).
We reserve the right to alter specifications without notice.	

ARP

SYSTEM TECHNOLOGY FOR
ADDED VALUE RECYCLING

כתובתנו החדשה:

טל. : 03-6130666

פקס' : 03-6130675

רח' גמאל 19, ר"ג 52521
למכתבים: ת.ד. 3321, ר"ג 52135