

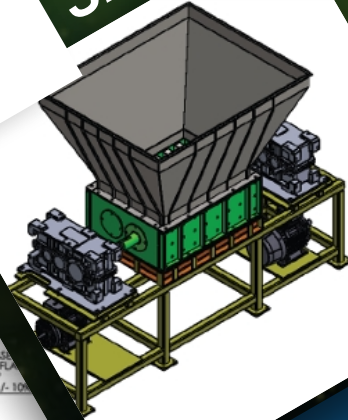


**AAIRTEK
TECHNOLOGIES**

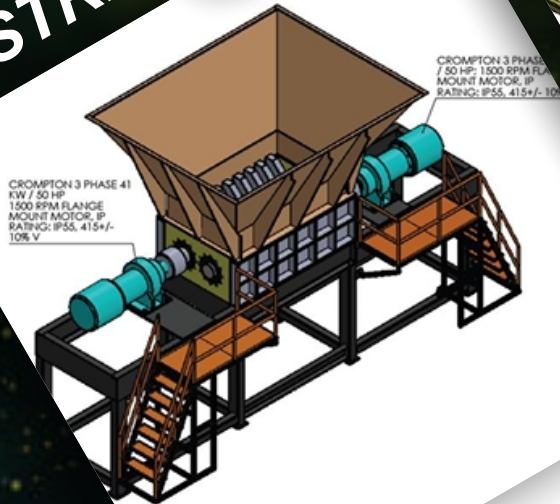
MANUFACTURING



SHREDDERS



INDUSTRIAL



www.aairtektechnologies.com



AAIRTREK TECHNOLOGIES

We offer one-stop automation solutions for industries like automotive, pharmaceutical, healthcare, mining, and waste management. Our services include customized SPMs, automation systems, and precision engineering—from design to installation—along with reliable after-sales support and maintenance for long-term performance.

What we do :



An industrial shredder is a powerful machine used to break down large materials like plastic, metal, rubber, and waste into smaller pieces. It features strong blades, high torque, and efficient operation, helping reduce waste volume, lower costs, and support recycling and sustainable resource management.

MISSION AND VISION



Mission - Aairtek Technologies wants to be the go-to partner for automobile, manufacturing, power production, oil and gas, mining, and more, by producing sustainable and innovative industrial products in waste management, air handling, and factory automation, and by offering great customer service.

Vision - Aairtek Technologies, motivated by its values of sustainability, innovation, and unmatched customer satisfaction, aspires to become a global leader in industrial technology.

VALUES :



• **INNOVATION**

We are committed to continuous improvement and the pursuit of excellence through innovative solutions.

• **COLLABORATION**

We believe in the power of team work and collaboration to achieve shared goals.

• **INTEGRITY**

We uphold the highest standards of professionalism and ethical conduct in all our interactions.

• **SUSTAINABILITY**

We strive to develop solutions that promote sustainability and have a positive impact on the environment.





PROCESS & TECHNOLOGY :



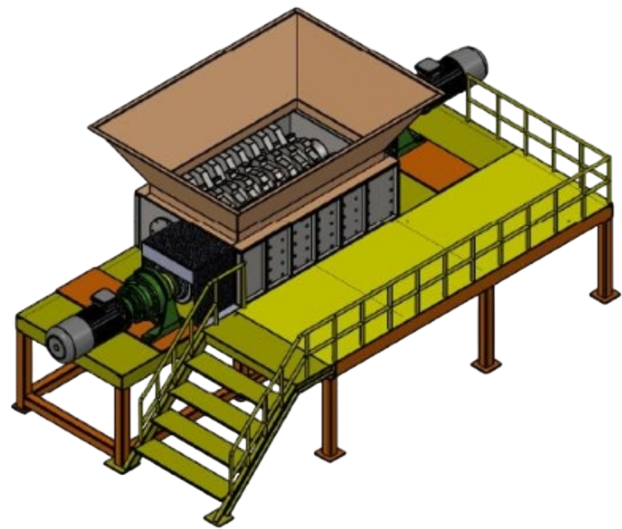
Shredder Machine Recycling Technology : Shredder Machine Recycling Technology reduces large waste materials into smaller pieces for easy recycling. It can process plastics, metals, paper, rubber, and e-waste efficiently. With strong blades and energy-efficient operation, it helps minimize waste volume, lower costs, and support eco-friendly recycling and sustainable resource management.

Shredder Machine Recycling Technology –

Shredder machine recycling technology efficiently reduces large waste materials into smaller, manageable sizes for recycling and reuse.

Designed with high-torque gear systems, durable cutters, and energy-efficient motors, modern shredders can process plastics, metals, wood, rubber, tires, and municipal solid waste (MSW). Equipped with smart features like automatic overload protection, reverse/forward rotation &

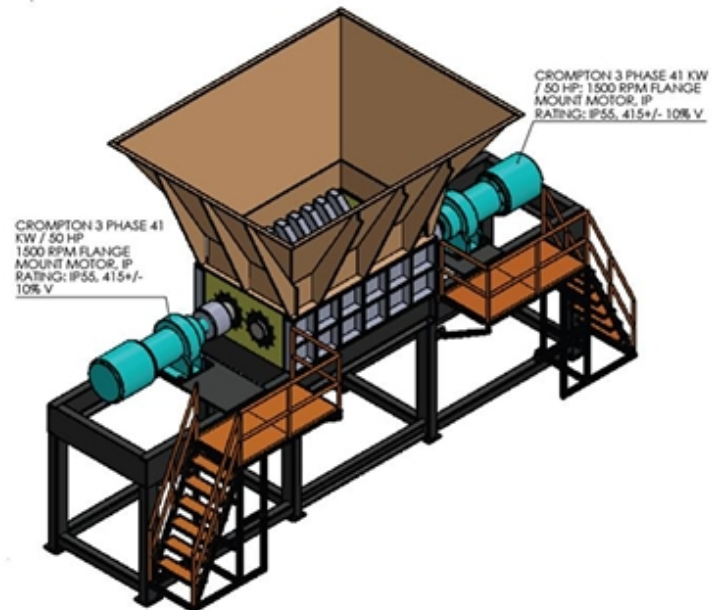
PLC-based control systems, they ensure smooth and safe operation. Advanced models include IoT-enabled monitoring for predictive maintenance, reducing downtime and increasing machine life. With modular design and integration capabilities, shredders support complete recycling lines, improving productivity while promoting sustainable waste management and resource recovery.





Metal shredder :

Industries Piping: Shredder Machine Recycling Technology plays a vital role in modern waste management by efficiently converting large and bulky waste materials into smaller, manageable pieces for further processing and recycling. Designed with high-torque motors, heavy-duty shafts, and wear-resistant blades, these machines can handle a wide range of materials including plastics, metals, paper, rubber, wood, and e-waste with consistent performance. Advanced features such as automatic overload protection, reverse/forward rotation, and customizable cutting settings ensure smooth operation, reduced downtime, and enhanced safety. The integration of energy-efficient drives and smart control systems not only lowers operational costs but also improves productivity and reliability. By significantly reducing waste volume and facilitating easier transportation, sorting, and recycling, shredder machines contribute to cleaner environments, sustainable resource utilization, and the overall promotion of eco-friendly industrial practices.



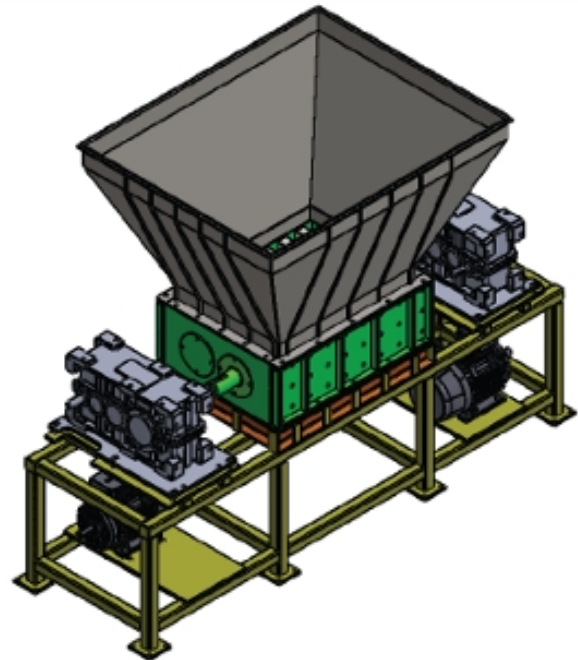
Short data

Metal Shredder	AMS-500	AMS-1000	AMS-3000	AMS-5000	AMS-10000	AMS - 20000
Motor (Kw)	15 X 2	22X2	37X2	75X2	100X2	150X2
RPM	10-12	10-12	10-12	10-12	10-12	10-12
Cutting Chamber L*W (mm x mm)	800 X 450	900 X 550	1200 X650	1350X750	1500X900	3000X1200
CAPACITY (Kg/Hr)	500 - 800	1000 - 1500	3000 - 4000	5000-7000	10000-12000	20000-2000
Blade Diameter	260	300	350	400	500	650
Equipment Dimensions L*W*H	1800 X 650 x 1850	2000 X 850 x 1850	2600 X 1250 x 1850	3000X2000X1900	4000X2000X1900	8000X4200X4000
Equipment Weight (Approx) Kg	2000	3000	4000	5500	9000	15000
Hopper Opening L*W*H	1000x700x600	1200X800X600	1500x1000x900	3000x1000x900	4000x1800x1000	8200X4200X4000
Final Product*	10-80 mm	10-80 mm	10-80 mm	10-80 mm	10-80 mm	10-80 mm



Wood shredder:

design Solutions provide customized engineering systems tailored to specific industrial needs. These machines are designed to improve productivity, accuracy, and efficiency in manufacturing processes. Built with advanced automation, robust construction, and user-friendly controls, SPM solutions help reduce manual effort and ensure consistent performance. They are widely used across industries for specialized tasks, offering reliable, cost-effective, and high-performance results.



Wood Shredder	AWS-500	AWS-1000	AWS-3000	AWS-5000	AWS-10000	AWS - 20000
Motor (Kw)	12 X 2	20X2	30X2	50X2	80X2	120X2
RPM	20-28	20-28	20-28	20-28	20-28	20-28
Cutting Chamber L*W (mm x mm)	800 X 450	900 X 550	1200 X650	1350X750	1500X900	3000X1200
CAPACITY (Kg/Hr)	500 - 800	1000 - 1500	3000 - 4000	5000-7000	10000-12000	20000-20000
Blade Diameter	260	300	350	400	500	650
Equipment Dimensions L*W*H	1800 X 650 x 1850	2000 X 850 x 1850	2600 X 1250 x 1850	3000X2000X 1900	4000X2000X 1900	8000X4200X4000
Equipment Weight (Approx) kg	2000	3000	4000	5500	9000	15000
Hopper Opening L*W*H	1000x700x600	1200X800X600	1500x1000x900	3000x1000x900	4000x1800x1000	8200X4200X4000
Final Product*	20-80 mm	20-80 mm	20-80 mm	20-80 mm	20-80 mm	20-80 mm



A Plastic/MSW (Municipal Solid Waste)

shredder is designed to efficiently reduce mixed waste and plastic materials into smaller, uniform pieces for easy handling and recycling. Equipped with high-torque motors, dual shafts, and heavy-duty cutting blades, it can process plastics, packaging waste, household garbage, rubber, and light metals with consistent performance. Advanced features such as automatic overload protection, reverse/forward rotation, and adjustable cutting settings ensure smooth operation, reduced downtime, and enhanced safety.

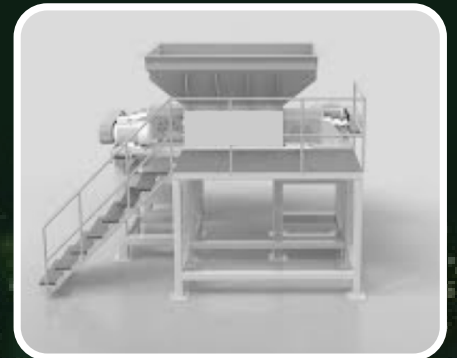
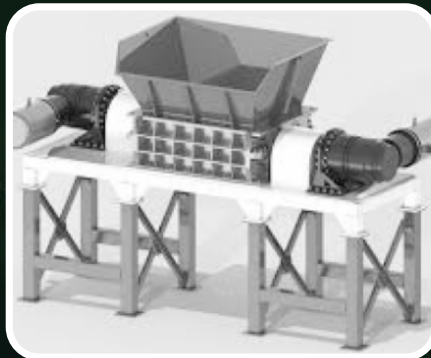
These shredders help minimize waste volume, improve material segregation, and support sustainable waste management by enabling efficient recycling and resource recovery.



Wood Shredder	AWS-500	AWS-1000	AWS-3000	AWS-5000	AWS-10000	AWS - 20000
Motor (Kw)	12 X 2	20X2	30X2	50X2	80X2	120X2
RPM	20-28	20-28	20-28	20-28	20-28	20-28
Cutting Chamber L*W (mm x mm)	800 X 450	900 X 550	1200 X 650	1350X750	1500X900	3000X1200
CAPACITY (Kg/Hr)	500 - 800	1000 - 1500	3000 - 4000	5000-7000	10000-12000	20000-2000
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Hopper Opening L*W*H	1000x700x600	1200X800X600	1500x1000x900	3000x1000x900	4000x1800x1000	8200X4200X4000
Final Product*	20-80 mm	20-80 mm	20-80 mm	20-80 mm	20-80 mm	20-80 mm

Product & Service

- **Shredder Machine Recycling Technology**
- **Metal shredder**
- **Wood shredder**
- **A Plastic/MSW (Municipal Solid Waste)**



**AAIREK
TECHNOLOGIES**

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