

DENSIFY
YOUR
FUTURE

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WELCOME



Aytekin YELEKÇİOĞLU
Founder & CEO
AYMAS

Strong Machines, Sustainable Solutions.

It is my great pleasure to welcome you.

Since the founding of AYMAS Recycling Machinery in Izmir, our journey has been guided by a single vision: to create machines that not only meet the demands of modern recycling but also contribute to a more sustainable world. From the very beginning, we committed ourselves to engineering excellence, reliability, and the highest standards of customer satisfaction.

Today, Aymas stands as a globally trusted name in recycling machinery, operating across five continents with nearly 800 machines installed worldwide. This success is not merely a result of advanced technology or manufacturing capacity—it is the reflection of our values, our people, and our unwavering dedication to quality.

With every machine we produce—whether it's a shredder, shear, baler, or briquetting press we aim to deliver more than just equipment. We deliver tailored solutions backed by responsive service, robust engineering, and a team that listens, understands, and supports.

Our mission is clear: to be a leading force in recycling innovation, empowering industries with machinery that is efficient, durable, and safe. Our vision is to expand our global presence while continuing to act responsibly, both toward our customers and the environment.

As you explore these pages, I invite you to discover what makes Aymas unique: our people, our products, and our passion for shaping the future of recycling technology.

Thank you for being a part of our story.

Warm regards,

Aytekin Yelekcioğlu

AYMAS Recycling Machinery



WELCOME TO AYMAS

Founded in İzmir, Türkiye, Aymas Recycling Machinery has grown from a local manufacturer into a global name in the recycling machinery industry. With a deep commitment to innovation, quality, and customer satisfaction, we have established ourselves as a trusted partner for businesses seeking reliable and high-performance recycling solutions.

Our state-of-the-art production facility spans 15,000 square meters of manufacturing space within a 20,000 square meter total area. Equipped with advanced machining systems, a dedicated welding division, painting booths, and an experienced assembly team, we maintain full control over the production process—from design to final testing. Every machine that leaves our factory reflects the precision and passion of our skilled engineers and technicians.

With nearly 800 machines operating in 60 countries across five continents, Aymas offers a wide portfolio including shear, balers, shredders, briquetting presses and chip & turnings processing solutions. Our CE-certified machines are designed to meet international quality and safety standards, supported by ISO 9001 certification and compliance with European Machinery Directives.

Beyond manufacturing, we stand out with our strong after-sales service network, rapid technical support, and a philosophy built on long-term partnerships. At Aymas, we don't just build machines—we build trust, value, and sustainable solutions for a cleaner future.



AYMAS

ENGINEERING EXPERTISE



At the core of Aymas lies a strong foundation in engineering excellence. Our team of highly qualified engineers and technicians bring decades of collective experience to every project, ensuring that each machine is not only built to perform but engineered to endure. From structural design to hydraulic and electronic integration, every detail is carefully calculated and tested to meet the demands of real-world industrial environments.

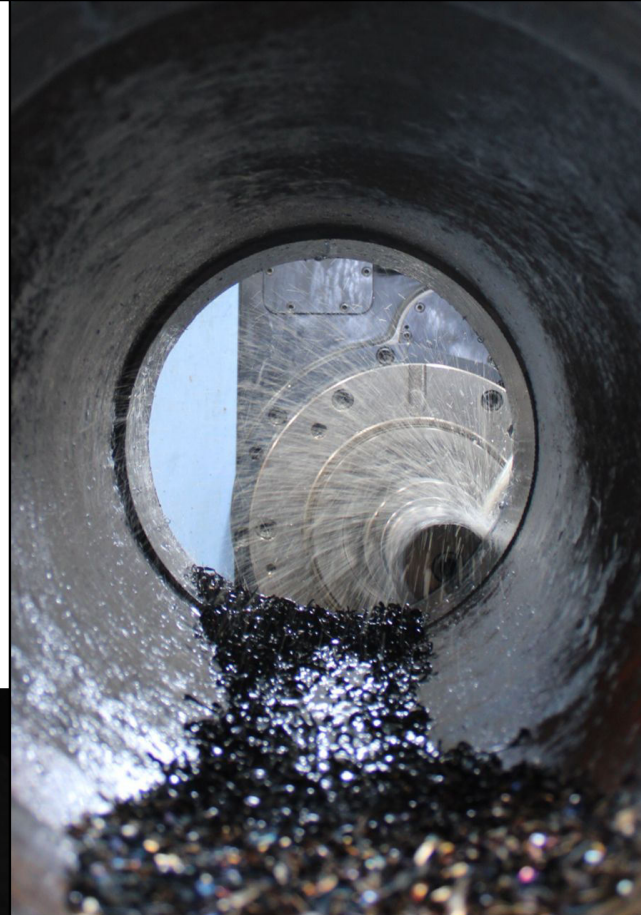
Our engineering strength is further amplified by in-house R&D capabilities and cutting-edge design tools. This enables us to continuously innovate and improve our machines, adapting to evolving customer needs and new industry challenges. Whether it's customizing a complete system or fine-tuning technical details, Aymas stands ready with the knowledge, tools, and talent to deliver high-performance solutions with confidence.

AYMAS

THE FUTURE

At Aymas, engineering is more than just technical execution, it is the lens through which we view the future. Our vision is deeply rooted in developing machinery that not only meets today's demands but anticipates the needs of tomorrow. By closely monitoring global industry trends and sustainability goals, we design equipment that contributes to a more efficient and environmentally responsible recycling process.

Our team approaches every project with a forward-thinking mindset. From modular systems that adapt to future expansions to intelligent automation features that optimize workflow, we ensure that our machines evolve alongside our customers' businesses. Innovation is not optional; it is embedded in every design, every process, and every upgrade we implement.



**INNOVATION MEETS
PRECISION**


**SHAPING TOMORROW'S
RECYCLING TODAY**



DESIGNED WITH VISION

We believe that strong engineering is the bridge between a customer's challenge and a lasting solution. That's why our engineers work directly with clients, understanding their operations and designing machines that integrate seamlessly into their production lines. Customization, flexibility, and responsiveness are not features—they are standards.

Looking ahead, Aymas is committed to driving the recycling industry forward. Through investment in R&D, partnerships with academic and industrial institutions, and a culture of continuous learning, we strive to lead the sector in both technological advancement and environmental responsibility. Our vision is clear: to engineer a cleaner, smarter, and more sustainable world.



AYMAS

METAL REVIVAL

ORIGINAL THINKING, BUILT TO LAST

What sets Aymas apart is not only the quality of our machines, but the originality behind every solution we create. We don't believe in one-size-fits-all engineering. Instead, we analyze each customer's specific needs and design systems that are tailored, efficient, and innovative. This custom-built approach allows us to respond to complex operational requirements with practical, future-ready solutions.

Our originality stems from combining hands-on industry experience with a deep understanding of engineering principles. Every Aymas machine carries the fingerprint of smart design solutions that not only work well, but work smarter. By blending technical knowledge with creative thinking, we transform standard machinery into performance-driven, user-focused tools that deliver real value to every operation.



LEAVE IT
WITH US

DENSIFY YOUR FUTURE

AYMAS SERVICE

AYMAS SUPPORT

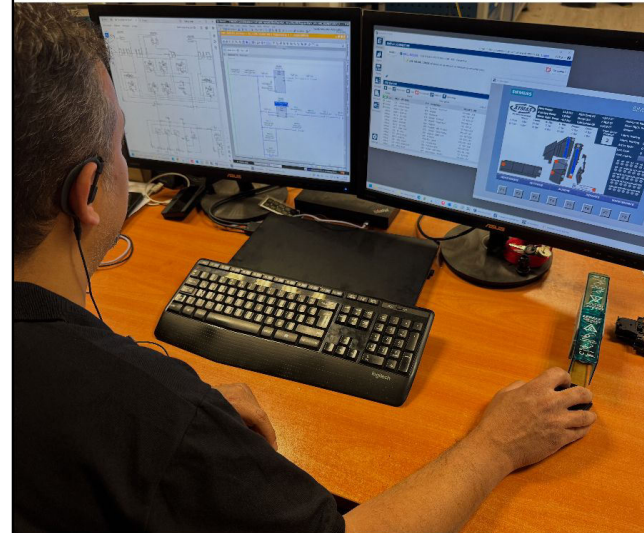
TECHNICAL SUPPORT YOU CAN RELY ON

At Aymas, our commitment to customer satisfaction does not end with the delivery of a machine, it continues with a responsive and reliable after-sales service. Our dedicated technical support team, strategically located and trained to handle a wide range of service requests, ensures that your operations remain uninterrupted. Whether it's on-site troubleshooting, remote diagnostics, or preventive maintenance, we are always one step ahead in keeping your machinery running smoothly.

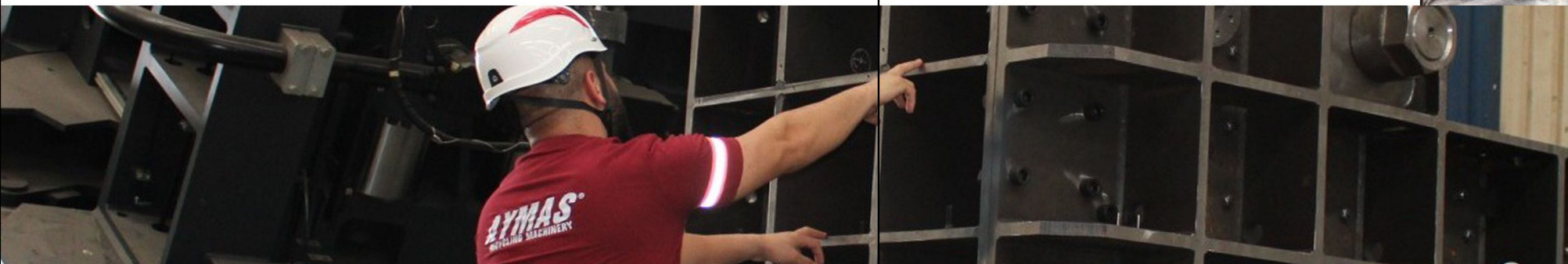
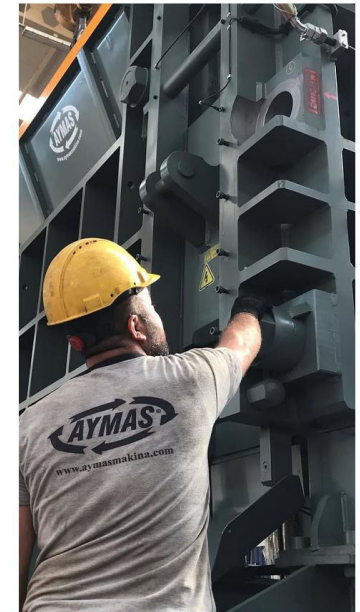
With over field experience since 2003 and a strong network of service professionals, we offer fast intervention, original spare parts, and expert-level support. Our remote diagnostic system allows us to respond to issues in real-time, minimizing downtime and maximizing efficiency. At Aymas, we understand that technical support is not just a service, it's a promise of continuity.



REMOTE DIAGNOSTIC SYSTEM ONLINE-SUPPORT

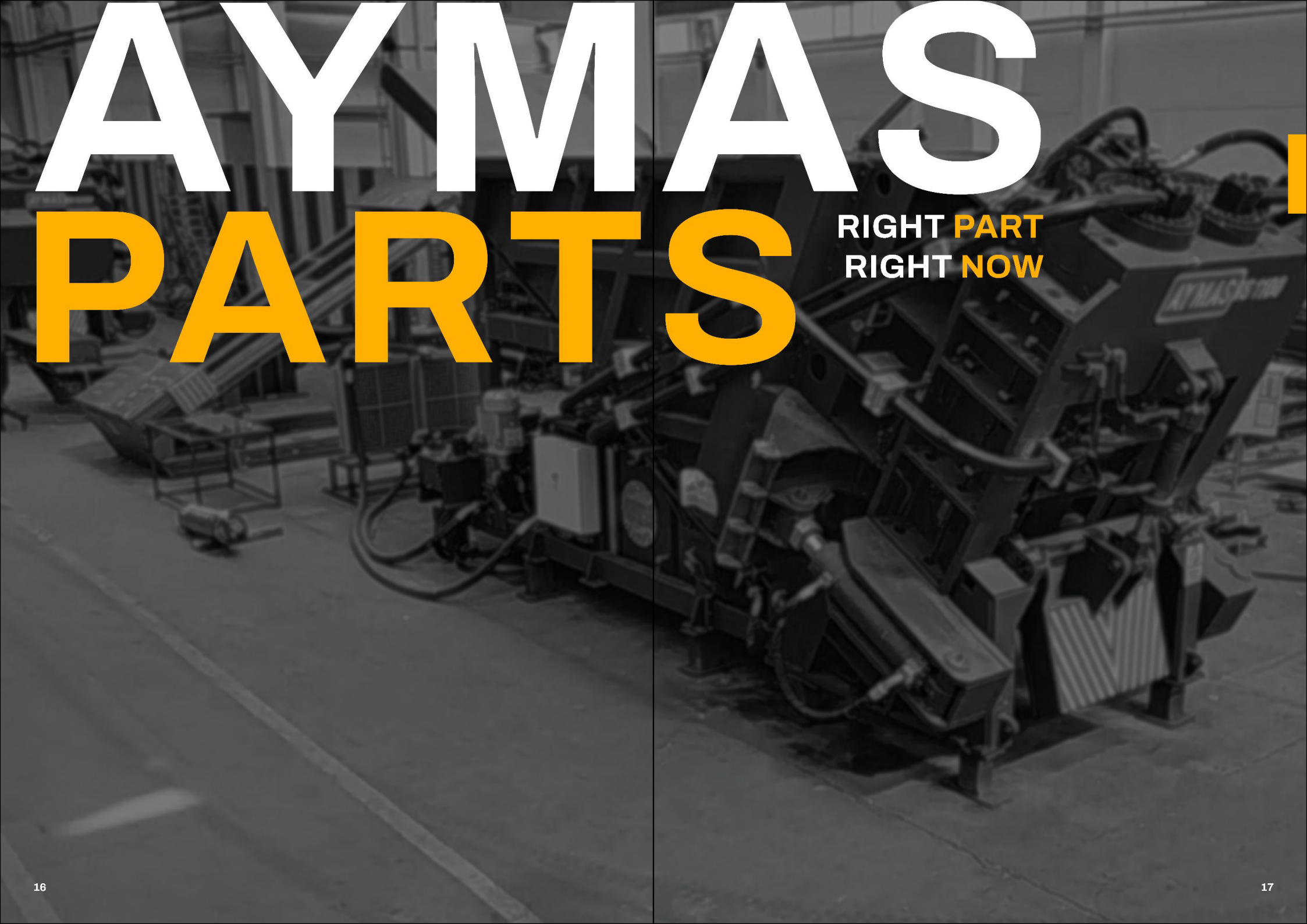


Aymas technicians can access your machine instantly to monitor performance, detect faults, and provide rapid solutions, no matter where you are in the world.



**WE STAND BEHIND
EVERY MACHINE.**

**FAST, SMART,
RELIABLE SUPPORT.**



AYMAS

PARTS

RIGHT PART
RIGHT NOW

AYMAS ORIGINAL PARTS

GUARANTEED PERFORMANCE

Keeping your machinery running at peak performance requires more than just regular maintenance—it demands original spare parts that are built to fit, function, and last. At Aymas, we provide a full range of genuine spare parts designed specifically for our machines, ensuring seamless integration, maximum efficiency, and extended machine life.

Our spare parts service is fast, traceable, and tailored to your operational needs. Whether you're preparing for scheduled maintenance or facing an unexpected repair, our expert team is ready to respond with the right components at the right time. Using only original Aymas-certified parts protects your investment, preserves your warranty, and safeguards your productivity.

ORIGINAL POWER.

PROTECT YOUR MACHINE, CHOOSE GENUINE.



**FAST. FITTED.
FIXED**



- Precision-manufactured parts mean fewer breakdowns and more uptime.
- Each original component is tested for compatibility and endurance.



INCLINED SHEARS

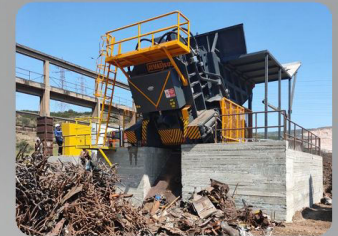


Aymas Inclined Shears redefine metal scrap processing by combining high capacity, reduced maintenance needs, and advanced automation in a compact, durable design. Unlike conventional shears that require box pressing systems, the inclined shear enables seamless material flow by using gravity and a hydraulically powered sliding base to transfer scrap to the cutting zone. Once inside the chamber, side-positioned flippers compress the scrap, followed by a powerful clamping system to densify and secure the material before cutting. Precision length control is achieved through a cylinder-based adjuster, ensuring consistent output.

Operating primarily in a fully automatic cycle, the machine minimizes manual intervention, maximizing efficiency and safety. With a touchscreen control panel, PLC system, and remote diagnostic capabilities, the machine offers intelligent operation and fast technical support access. Key components such as four-edge usable hardened blades, wear-resistant plates, high-performance hydraulic parts, and top-tier electronics are selected from the most trusted global suppliers to ensure long-term durability and reliable performance, even under the most demanding industrial conditions.

The cast-steel guillotine, automatic blade tightening system applying 5 tons of hydraulic force per bolt, safe and anti-jamming flipper mechanism provide unmatched cutting accuracy and system reliability. With no need for a pressing box, the machine accommodates a wide range of scrap sizes, including voluminous and irregular materials. By significantly reducing service frequency and cost, Aymas Inclined Shears stand as the ideal solution for businesses seeking powerful, efficient, and low-maintenance scrap shearing equipment.

		IS 700	IS 900	IS 1100	IS 1400	IS 1600
Cutting Force	Ton	700	900	1100	1400	1600
Hold Down Force	Ton	100	160	160	250	300
Side Compression Force (Flipper)	Ton	2x85	2x120	2x120	2x220	2x300
Cutting Width	mm	800	1040	1040	1040	1200
Number of Cuts	cuts/min	2-3	2-3	2-3	2-3	2-3
Capacity<	Ton/hour	20	25	35	50	70
Weight	Ton	55	75	95	128	205
Electric Motor Power	Kw	160	2x110	2x132	3x132	6x110
Chamber Dimensions (W x L)	m	2.1x7	2.1x8	2.25x8.5	2.45x8.5	2.6x10
General Dimensions (W x H x L)	m	3.7x8	3.5x9	4.6x10	4.6x11	5.5x13





SHEAR BALERS



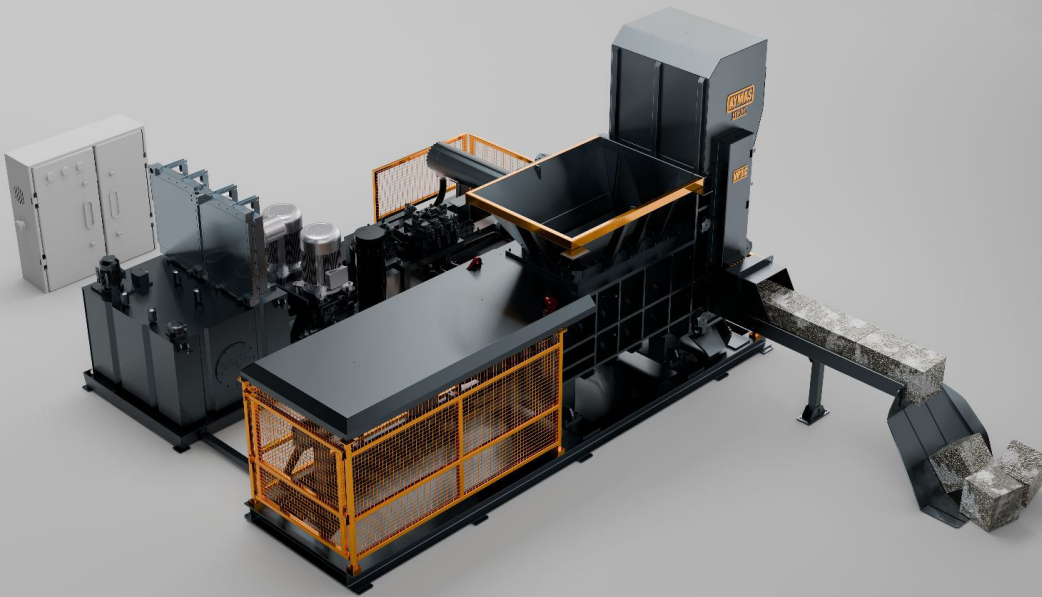
Aymas Shear Baler is engineered for high-volume metal scrap cutting and compressing, offering outstanding durability, precision, and productivity. Its large loading chamber and wide cutting width enable seamless processing of bulky and irregular scrap materials, making it ideal for demanding recycling operations. The system is composed of seven key modules, including a robust cutting unit, lifting legs, vertical and angled compression wings, and a powerful hydraulic drive group. Scrap is first compacted by wear-resistant wings, then transferred to the cutting chamber for high-precision shearing or baling. The cutting group features a cast steel body and hydraulically tensioned blades to ensure tight, consistent cutting and extended blade life.

To minimize wear and reduce service costs, all contact surfaces are protected by heavy-duty wear plates. The hydraulic and electrical systems are built using premium-quality components, selected from trusted global suppliers to guarantee high performance and long-term reliability. Advanced features like automatic greasing, remote control operation, and integrated PLC systems support smooth, automated operation and reduce manual workload. Cooling and heating systems in the hydraulic circuit ensure stable performance across a range of operating environments.

Backed by Aymas's comprehensive warranty and remote diagnostic capability, our shear balers delivers exceptional uptime and efficiency. Whether used for cutting or baling, it stands out as a powerful and dependable solution in the scrap processing industry.

		SB 700	SB 900	SB 1100	SB 1400
Cutting Force	Ton	700	900	1100	1400
Hold Down Force	Ton	120	170	210	280
Box Closing Force	Ton	240	240	340	450
Pusher Ram Force	Ton	120	120	150	150
Cutting Width	mm	800	800	1040	1040
Box Length	m	6	6	7	7
Box Width (Open)	m	2.45	2.45	2.7	2.85
Bale Dimensions	cm	80x60x...	80x60x...	100x60	100x700
Number of Cuts	cuts/min	3-5	3-5	3-5	3-5
Capacity<	Ton	20	25	30	35
Weight	Ton	70	110	150	200
Electric Motor Power	Kw	2x90	2x110	2x132	3x132
General Dimensions	m	2.6x4x15	2.6x4x15	3x4.2x17	3x4.6x18





CONTINUOUS BALERS



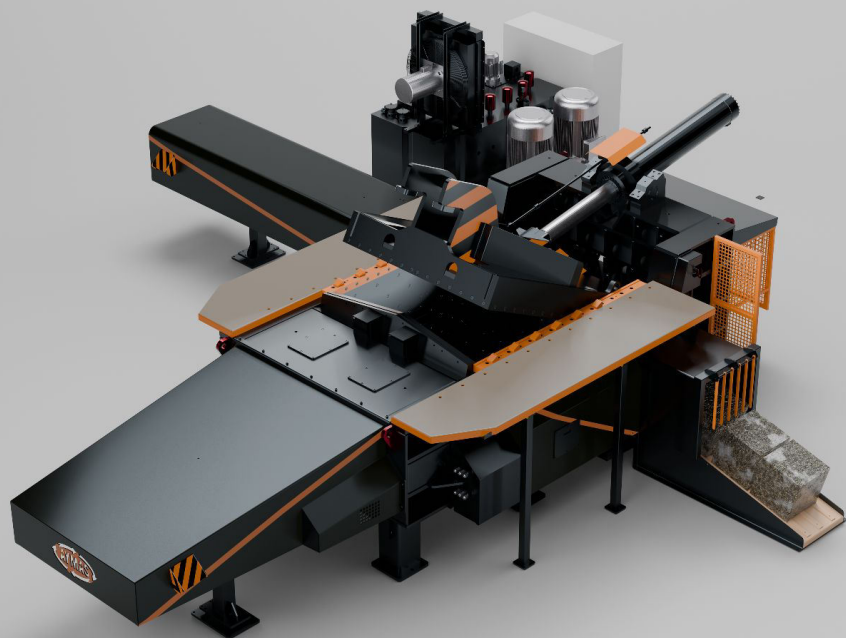
The HP3-C Triple Compression Continuous Metal Baler is designed for high-speed scrap processing with unmatched efficiency and strength. Operating in a fully automatic cycle, the HP3-C transforms loose scrap into dense, uniform bales with remarkable consistency. Its triple-stage compression system—preliminary, secondary, and main—ensures maximum material compaction, while continuous feeding allows for non-stop production with minimal operator effort and reduced downtime.

Built for endurance in the harshest conditions, the baler features a wear-resistant compression chamber lined with heavy-duty steel plates and blades made from specially hardened materials for long service life. Its structural durability is further enhanced with induction-hardened, chrome-plated pistons and four-edge-usable blades. The hydraulic and electronic systems are equipped with high-quality components from globally trusted suppliers, ensuring long-term performance and low maintenance requirements.

Additional features include automatic lubrication, greasing systems, hydraulic cooling and heating systems, and remote diagnostic access. Operator control is optimized through a touchscreen interface, remote operation capability, and fully adjustable pressure settings tailored for different scrap types. Certified for safety and backed by Aymas's solid warranty, the HP3-C is the ideal choice for operations that demand both capacity and confidence in continuous compression performance.

Bale Size & Model	mm	30x30-ECO	40x40-ECO	30x30	40x40	40x40-T25	50x50-T25	60x60-T50
Main Cylinder Force	Tons	210	210	210	300	300	300	400
Max Capacity (Steel) <	ton/h	7.5	9	14	16	20	25	30
Max Capacity (Copper) <	ton/h	11	13	16	20	24	30	35
Max Capacity (Al) <	ton/h	2.5	3	5	6	7.5	9	11
Cycle Time	s	45	45	30	30	30	60	60
Motor Power	Kw	75	75	150	150	225	225	270
Feeding Opening	mxm	1x1.6	1x1.6	1x1.6	1x1.6	1.25x1.8	1.5x2	1.5x2
Chamber Size	mxmxm	1x2.7x0.9	1x2.7x0.9	1x2.7x0.9	1x2.7x0.9	1.25x2.7x1	1.5x2.8x1.1	1.5x2.9x1.2
Machine Weight	Ton	30	32	58	58	65	85	110
Footprint	mxm	4.6x6.2	4.7x6.2	5.6x6.5	5.6x6.5	6.7x7	7x8	8.5x11





TRIPLE COMPRESSION LID BALERS



The Triple Compression Lid Baler is engineered to deliver superior, high-density baling performance for a wide range of metal scrap. Featuring a triple-action compression system, the baler combines vertical lid compaction with two stages of horizontal side compression, ensuring optimal material densification even for irregular, bulky, or difficult scrap. This advanced system maximizes throughput while keeping the machine's dimensions compact, making it ideal for operations where space is at a premium.

Constructed with a heavy-duty steel frame and wear-resistant chamber linings, the Triple Compression Lid Baler is built to endure demanding industrial use, minimizing maintenance and downtime. Its hydraulic system is powered by premium components sourced from globally renowned suppliers, ensuring consistent and reliable operation under continuous workload, even in the most challenging environments.

The baler supports both semi-automatic and fully automatic modes, providing versatility to meet varying operational needs and operator skill levels. With adjustable bale sizes, centralized lubrication, and optional remote control, the machine offers ease of use and flexible customization for different material types and production requirements.

Combining a robust build, exceptional compression power, and intelligent control features, the Triple Compression Lid Baler is the ultimate solution for recyclers seeking the highest quality bales, reduced scrap volume, and enhanced operational efficiency. Supported by Aymas's comprehensive warranty and service network, it represents a cost-effective, dependable solution for modern scrap handling demands.

Model & Bale Size	mm	25x25	30x30	40x40	40x40-W	50x50-W	60x60-W	70x70-W
Main Cylinder Power	Tons	150	150	210	210	300	300	400
Max Capacity (Steel) <	ton/h	2.5	3	4	8	15	20	35
Max Capacity (Copper) <	ton/h	3	4	5	9	17	25	40
Max Capacity (Al) <	ton/h	1	1	2	3	5	5	15
Cycle Time	s	90	90	90	90	90	90	90
Motor Power	Kw	37	37	37	90	150	150	180
Chamber Size	mxm	0.8x1.8	0.8x2	1x2	1.5x2.5	2x2.5	2.1x3.1	2.5x3.5
Machine Weight	Ton	12	14	18	34	52	58	85
Footprint	mxm	3.2x5.5	3.4x7	3.8x7	5.9x10	7x10	7.5x11	10x12





DOUBLE COMPRESSION BALERS



The Double Compression Lid Baler (Compact Series) is designed for reliable, high-density baling performance in environments where space is limited and smaller scrap volumes are handled. Combining vertical lid compaction with horizontal side compression, this dual-action system ensures efficient material densification, even for irregular or less dense scrap, while maintaining compact machine dimensions suited for smaller operations or facilities with restricted floor space. Built with a robust steel frame and wear-resistant chamber linings, the Compact Series Double Compression Lid Baler is constructed to withstand regular industrial use, offering low maintenance and long service life. Its hydraulic system is powered by high-quality components from leading global suppliers, providing stable operation and reliable performance under moderate workload conditions.

This baler supports both semi-automatic and fully automatic operating modes, allowing flexibility in handling different levels of operator involvement. It also offers adjustable bale sizes, centralized lubrication, and optional remote control, enhancing user convenience and adaptability to various operational needs.

While smaller in size and with a lower compression force than larger models, the Double Compression Lid Baler (Compact Series) still ensures consistent bale quality, effective material densification, and improved throughput. With Aymas's backing through warranty and service support, this machine offers a cost-effective, dependable solution for recyclers looking for efficient and compact scrap handling without compromising on quality.

Bale Size - Model	mm	50x30	60x30	60x40	80x40	80x60	100x50	100x60
Main Cylinder Power	Tons	70	70	110	140	210	210	210
Max Capacity (Steel) <	ton/h	1	2	2.5	3.5	4	5	5.5
Max Capacity (Copper) <	ton/h	1.2	2.5	3	3	4.5	6	6.5
Max Capacity (Al) <	ton/h	0.5	0.7	0.8	1	1.2	1.6	2
Cycle Time	s	75	75	90	90	90	110	110
Motor Power	Kw	11	15	22	22	37	37	37
Chamber Size	mxm	0.5x1.2	0.6x1.2	0.6x1.2	0.8x1.6	0.8x2	1x2.2	1x2.5
Max. Working Pressure	Bar	225	225	225	225	300	300	300
Machine Weight	Ton	4.5	5.5	6.5	10	17	22	23
Footprint	mxm	1.2x4.1	1.3x4.5	1.3x5	1.7x5.5	1.7x6	2.1x7	2.1x7.2





CP CAN BALER LINE



Automated, High-Speed Solution for Efficient Can Processing

The CP Can Baler Line is specifically engineered for high-volume processing of aluminum and steel cans, delivering continuous, high-speed baling with minimal labor and maximum efficiency. Featuring an integrated vibrating table and steel can separation system, this line ensures optimal material preparation, enhanced purity, and consistent bale quality.

The line begins with a vibrating feeding table, which evenly distributes incoming cans and removes loose debris, improving feeding efficiency and protecting downstream equipment. From there, the material passes through an integrated steel can separation system, using magnetic separation to automatically divert ferrous materials, enabling the production of clean, aluminum-only bales.

At the core of the system is the Continuous Press (CP) Baler, which operates without stopping between cycles. This fully automatic baler compresses lightweight materials into uniform, high-density bales, ideal for transport and smelting. Designed for 24/7 operation, the CP Baler features wear-resistant components, high-speed hydraulics, and intelligent controls to maintain consistent throughput under demanding conditions.

The entire line is built on a compact, modular platform, allowing easy installation and integration into existing facilities. Optional components include dust extraction, centralized lubrication, and remote-control systems for enhanced automation and ease of maintenance.

With its durable construction, fast cycle times, and integrated sorting capabilities, the CP Can Baler Line offers a complete, cost-effective solution for recyclers seeking to maximize material value, reduce manual handling, and ensure high-quality output. Supported by Aymas's trusted service and warranty network, it's a dependable investment for modern can processing operations.

Aymas Can Baling Lines provide an integrated solution for steel & aluminum and tin can recycling, combining high efficiency, automation, and durability in a compact system. The line features a feeding conveyor for smooth material transport, a vibrating table for even distribution, and an optional magnetic separator to remove ferrous metals for cleaner, higher-value bales with dimensions of 50x30 cm.

At the core of the system, a powerful hydraulic baler compresses cans into uniform, high-density bales, reducing storage and transport costs. Operated through a PLC-based touchscreen panel, the system runs primarily in automatic cycles, minimizing manual work while ensuring safe and consistent operation.

Built with four-edge hardened blades, wear-resistant plates, and premium hydraulic and electronic components, the line offers long-lasting performance with reduced maintenance requirements. With its robust design and intelligent automation, the Aymas Can Baling Line is the ideal solution for recycling facilities seeking reliable, efficient, and low-maintenance can processing.



CHIP PROCESSING SOLUTIONS



BRIQUETTING PRESS



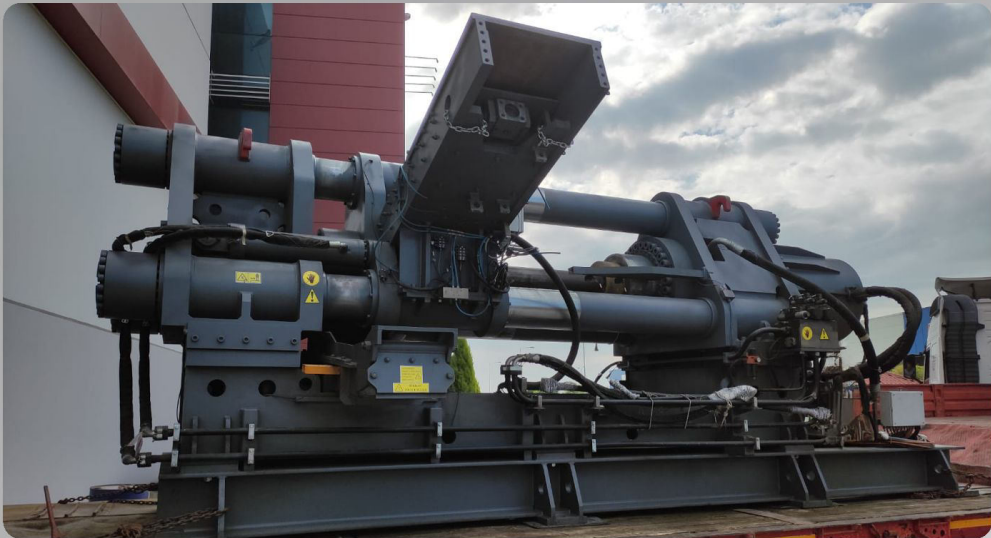
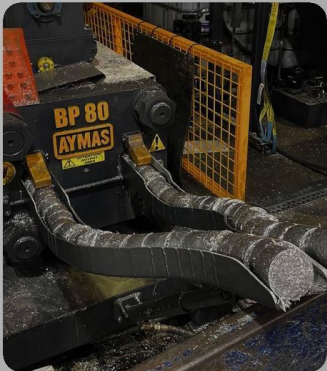
The Metal Chip and Turning Briquetting Press is specifically designed to efficiently process and compact metal chips, turnings, and shavings into high-density briquettes, reducing waste and maximizing scrap value. Ideal for metalworking industries dealing with small and irregular scrap, this machine offers a reliable and cost-effective solution for turning waste into valuable, reusable material. Steel , aluminum , copper, lead , zinc , titanium , tyre wire and many other chips can be processed.

Built with a sturdy steel frame and durable, wear-resistant components, the briquetting press is engineered to handle continuous, heavy-duty operation. Its powerful hydraulic system ensures consistent performance, compacting metal chips and turnings with precision to create uniform, high-quality briquettes. This not only reduces scrap volume but also minimizes transportation and storage costs by converting loose metal scrap into easy-to-handle briquettes.

The press features adjustable pressure settings, allowing operators to fine-tune the compression force for different materials and scrap types. With a user-friendly control panel and optional remote control, the briquetting press offers flexible operation modes for both manual and automated use, enhancing its adaptability to various production environments.

Designed for low maintenance and long-term durability, the Metal Chip and Turning Briquetting Press is equipped with a centralized lubrication system and robust wear-resistant parts to ensure longevity. Supported by Aymas's comprehensive service network and warranty, this machine delivers an efficient, environmentally friendly, and cost-effective solution for metal scrap recycling.

		BP 60	BP 80-ECO	BP 80	BP 100	BP 120	BP 160	BP 200
Briquette Diameter	mm	60	80	80	100	120	160	200
Main Cylinder Power	ton	100	150	220	315	400	600	850
Capacity (Steel, Cast) <	ton/h	0.15	0.4	0.8	1.3	2.6	6	12
Capacity (Copper) <	ton/h	0.20	0.6	1	1.5	2.7	7	13.5
Capacity (Aluminum) <	ton/h	0.05	0.09	0.3	0.5	0.8	2.3	4
Cycle Time	s	12	12	12	12	12	12	12
Motor Power	kW	22	22	22	55	75	150	180
Machine Weight	ton	3.5	4	6	12	13	28	60
Footprint	m	1.7x2	2x2.2	2x2.7	2.4x3.5	2.4x4	3x6.5	11X10



CHIP CRUSHERS



HAMMER CRUSHER



The Chip and Turning Crusher is engineered to efficiently reduce the volume of metal chips, turnings, and swarf generated during machining processes. By crushing long, stringy, or tangled scrap into uniform, short pieces, the machine ensures improved handling, safer storage, and more efficient downstream processing such as centrifuging, briquetting, or transport. Built with a rugged steel structure and wear-resistant internal components, the crusher is designed for continuous operation in demanding industrial environments. Its powerful rotor system, combined with hardened cutting tools, delivers reliable crushing performance for a wide variety of ferrous and non-ferrous metal chips, including aluminum, brass, steel, and cast iron.

Model	Motor	Rotor Diameter	Rotor Length	Speed rpm	DIFFERENT KINDS OF TURNINGS					Feeding Opening WxL (mm)
					ALLOYED STEEL TURNINGS		CHROME NICKEL STEEL TURNINGS	TURNINGS OF ALUMINIUM ALLOYS		
					Normal Grid (t/hr)	Fine Grid (t/hr)	Normal Grid (t/hr)	Normal Grid (t/hr)	Fine Grid (t/hr)	
120x105	110	1200	1050	1000	8 - 14	6 - 9	3,5 - 6	2 - 4	1,5 - 3	1000
120x105	160	1200	1050	1000	11 - 20	8 - 12	4,5 - 8	3 - 6	2 - 3,5	1000
120x142	200	1200	1420	1000	15 - 25	10 - 15	5,5 - 10	3,5 - 7,5	3 - 4	1000

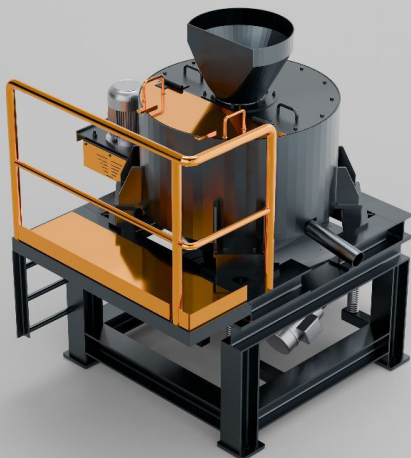


VERTICAL CRUSHER

The machine's compact design makes it suitable for integration into automated scrap handling systems or installation directly beneath chip conveyors or machine tools. Equipped with an intelligent control system, the crusher can operate in automatic or manual modes, offering flexible operation based on production needs.

Model	Throughput		Motor	Speed
	kg/h (Steel)	kg/h (Aluminum)		
TK 20	1000-1500	300-400	15	rpm
TK 30	2000-3000	700-900	30 (Hydraulic)	1000
TK 40	3000-5000	1000-1600	50 (Hydraulic)	1000
TK 50	5000-6500	1600-2200	75	1000

CHIP PROCESSING SOLUTIONS



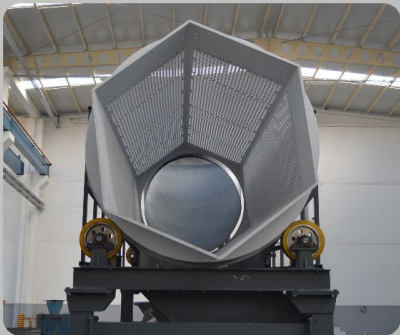
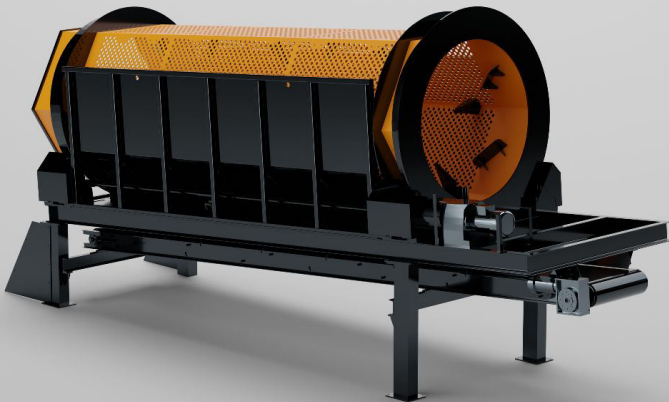
CHIP CENTRIFUGE



The Chip Centrifuge is a high-efficiency solution designed to separate coolant or cutting fluids from metal chips and turnings, significantly reducing waste and fluid loss in metalworking operations. Ideal for use after crushing or before briquetting, the centrifuge enhances scrap cleanliness and improves the recovery of valuable coolants, making the recycling process more sustainable and cost-effective.

Constructed with a durable, vibration-resistant frame and high-quality wear-resistant components, the Chip Centrifuge is built to handle continuous industrial operation with minimal maintenance. Its high-speed spinning drum uses centrifugal force to extract residual fluids from metal chips of various sizes and materials—including steel, aluminum, and cast iron—achieving low residual moisture levels and cleaner, drier chips ready for further processing or sale.

Model	Throughput kg/h	Motor Power kW	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg
SF 50	1600	4	1825	1410	2215	1050	550	350	1850
SF 60	3200	7,5	2140	1920	2250	1230	580	400	3400
SF 70	4600	7,5	2250	1925	2600	1350	620	400	4300
SF 80	6500	11	2400	1900	3000	1500	710	650	4550

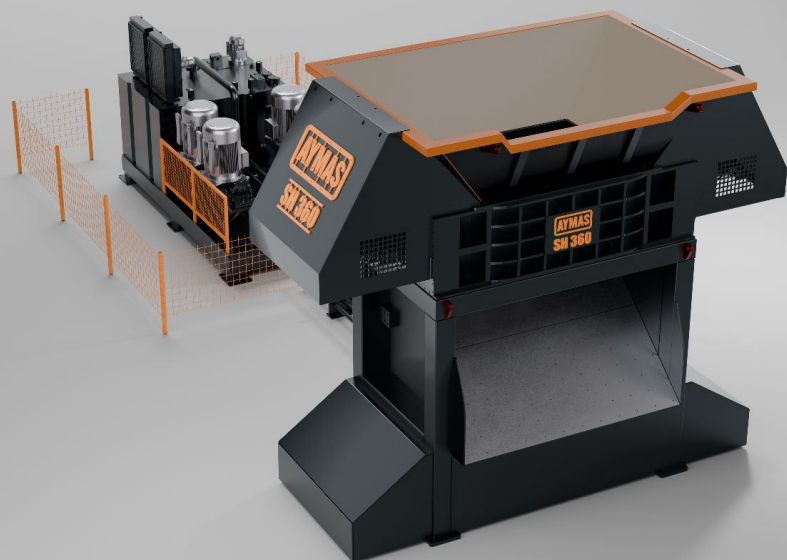


TROMMEL SCREEN

Aymas Trommel Screens are designed for efficient size separation of metal turnings before briquetting, ensuring a cleaner feed and more consistent briquette quality. The rotating drum effectively separates oversized pieces and fines, allowing only properly sized material to enter the briquetting system.

By using a trommel screen ahead of the briquetting line, the load on the turnings crusher and briquetter is significantly reduced, lowering both operating costs and wear-and-tear on key equipment. This extends service life, reduces maintenance downtime, and improves overall system efficiency.

Built with wear-resistant materials and a heavy-duty structure, the trommel screen is engineered to handle abrasive metal scrap with minimal maintenance. Its compact design, reliable drive system, and easy-to-clean construction make it a practical choice for continuous industrial use.



DOUBLE SHAFT SHREDDERS



The Double Shaft Pre-Shredder, also known as a Rotating Shear, is a hydraulically powered machine designed for the primary size reduction of bulky and challenging scrap materials. Featuring a high-torque, low-speed dual shaft system, this shredder excels at processing a wide variety of scrap—including sheet metal, aluminum profiles, white goods, mixed scrap, and even complete car bodies—making it the ideal first stage in heavy-duty recycling and metal recovery operations. Driven by a powerful hydraulic system, the shredder provides exceptional torque and control, allowing it to shear through dense, entangled, or irregular materials that would otherwise be difficult to process. The robust hydraulic power unit ensures smooth operation, reversible shaft movement, and overload protection, contributing to extended machine life and minimized risk of jams or breakdowns.

Built with a reinforced steel frame and fitted with replaceable, wear-resistant blades, the Double Shaft Pre-Shredder is engineered for continuous operation in harsh industrial environments. The dual shafts rotate in opposite directions, effectively gripping and pulling the material into the shredding zone, ensuring consistent and efficient material breakdown. Equipped with an intelligent PLC-based control system, the shredder offers both automatic and manual operating modes, with programmable settings for different materials and load conditions. Its modular design allows for integration into larger recycling systems and easy maintenance access.

With its hydraulic power, heavy-duty construction, and intelligent control features, the Double Shaft Pre-Shredder delivers reliable, energy-efficient, and high-capacity pre-processing for a wide range of scrap types. Backed by Aymas's comprehensive service and support network, it offers a dependable and cost-effective solution for modern metal and scrap recycling operations.

		SH60	SH90	SH180	SH360	SH440
Motor Power	kw	2x30	2x45	2x90	4x90	4x110
Feeding Opening	mxm	0.7x1	0.9x1.2	1x1.6	1.5x2	1.9x2.5
Capacity (Steel) <	ton/h	1.5	3	10	20	30
Al. <		0.5	2	4	6	8
Blade Width	cm	5	6	10	15	20
Machine Width	ton	6	12	18	44	52
Footprint	mxm	1.9x4.3	2x3.8	1.8x4.6	4.4x6	5x6.6





SINGLE SHAFT SHREDDERS



The Single Shaft Shredder is a versatile and efficient solution for size reduction of a wide variety of waste and scrap materials, including light metals, plastic, rubber, electronic waste, aluminum profiles, and production offcuts. Designed for precise and controlled shredding, it is ideal for applications that require uniform particle size and high throughput in a compact footprint. Powered by a robust hydraulic pusher system and an electric motor-driven rotor, the shredder feeds material into a high-torque cutting chamber where a rotating shaft equipped with replaceable, wear-resistant blades cuts the material against a fixed counter blade. This controlled cutting action ensures consistent shredding results, reduced dust generation, and minimized wear, even when processing tough or irregular materials.

The machine features a heavy-duty steel frame, hardened rotor and cutting tools, and a durable screen system that determines the final output size. The hydraulic ram continuously pushes material towards the rotor, ensuring steady throughput and preventing material bridging or blockages. This makes the Single Shaft Shredder especially effective for processing low-bulk-density or compressible scrap.

Equipped with an intelligent control system and optional automation features, the shredder supports fully automatic operation, including rotor direction reversal in the event of overload. Its user-friendly interface, easy maintenance access, and centralized lubrication system further enhance operational efficiency and uptime.

Compact, reliable, and easy to integrate into existing processing lines, the Single Shaft Shredder is a critical component for facilities focused on clean, efficient, and high-quality material reduction. Supported by Aymas's global warranty and service network, it provides a durable and cost-effective solution for a wide range of recycling and waste management applications.

		TSG110	TSG180	TSG320	TSG440	TSG640
Motor Power	kw	110	180	320	440	640
Feeding Opening	mxm	0.9x1.4	1.1x2	1.1x3	1.2x3	1.2x3
Capacity (Copper) <	ton/h	4	6	13	16	18
Al. <		1	2	4	5	6
Machine Width	ton	18	20	40	46	51
Footprint	mxm	1.9x4.3	3x6	4.5x7.1	4.5x7.1	4.5x7.1



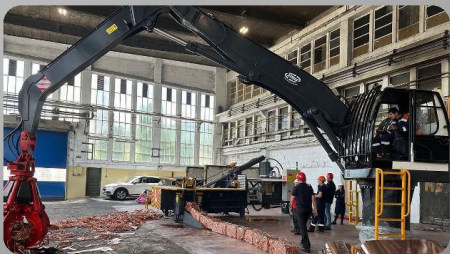
HIGH-EFFICIENCY WASTE-TO-FUEL SOLUTIONS



RDF
RECYCLING LINE



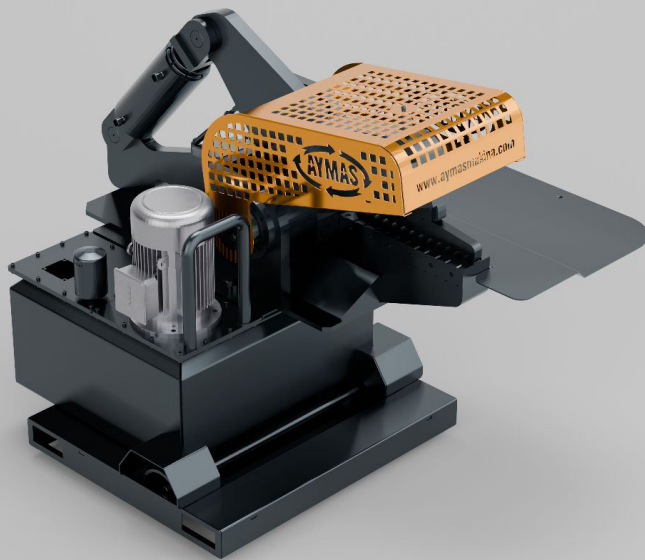
The RDF Production Line is engineered to convert municipal, industrial, and commercial waste into high-calorific alternative fuel through a reliable, efficient, and fully integrated system. Designed for operations requiring consistent output and environmental compliance, our RDF lines ensure maximum fuel quality while minimizing operational costs and downtime. At the heart of the system are heavy-duty primary and secondary shredders, which reduce incoming waste to a uniform particle size suitable for fuel applications. Integrated magnetic separators, eddy current separators, and air classifiers efficiently remove metals and inert materials, ensuring a clean, combustible end product. Built with a rugged frame, wear-resistant cutting tools, and industrial-grade conveyors, the system operates seamlessly under continuous, high-load conditions. Blowers, cyclones, and suction systems ensure smooth material handling and effective light material separation, while optional dust collection systems maintain a safe and clean working environment. The RDF line supports modular configurations and scalable throughput, allowing customization for various waste streams and capacity needs. Fully automated control systems, with optional remote monitoring and diagnostics, provide precise process management and ease of use across different operator skill levels. Combining robust engineering with intelligent design, Aymas RDF Production Lines offer a dependable and eco-conscious solution for waste valorization. Backed by our extensive service network and technical support, this system is ideal for cement plants, power stations, and waste-to-energy facilities aiming for high fuel quality and operational efficiency.



MATERIAL
HANDLER

The Heavy-Duty Crane from Aymas Machinery is engineered to meet the most demanding industrial lifting needs with unparalleled precision and safety. Designed with robust construction and advanced technology, this crane is the perfect solution for heavy lifting tasks across various industries.

Model	Boom	Motor	Motor	Lifting	Operating	Hydraulic	Hydraulic	Slewing	Mobility
	Lengths Range	Power	Type	Force	Weight	Working Pressure	Flow Rate	Speed	
	meter	kW		Tons	Tons	Bar	LPM	rpm	
MH-10	10	75	Electric	3,3 - 5,8	20 - 29	300	320	0 - 8	crawler, fixed
MH-12	12	90	Electric	3,3 - 6,5	24 - 33	300	320	0 - 8	crawler, fixed
MH-14	14	110	Electric	3,4 - 7,7	30 - 42	320	400	0 - 8	crawler, fixed
MH-16	16	132	Electric	3 - 10,5	36 - 60	320	520	0 - 8	crawler, fixed
MH-18	18	160	Electric	4,1 - 13,1	45 - 72	300	600	0 - 8	crawler, fixed



ALLIGATOR SHEARS



Our machines are the backbone of modern production, offering precision, efficiency, and durability across a wide range of sectors. From metal processing to recycling and automation, these systems are designed to meet the demanding needs of today's industries. With advanced technology, customizable configurations, and high safety standards, modern machinery ensures optimized performance, reduced operational costs, and sustainable outcomes in every application.

		HM32	HM34	HM52	HM62	HM82
Motor Power	kw	7.5	11	11	11	22
Blade Length	mm	320	420	520	620	820
Cut per minute	Qty	15	15	20	15	10
Cutting Force	ton	55	60	70	70	100
Max. Working Pressure	bar	160	160	220	220	220
Max. Shearing Capacities						
Rectangular	mm	#40	#40	#45	#50	#60
Plate	mm	100x10	100x10	200x10	200x15	200x25
NPU	mm	80	80	120	160	200
Machine Weight	ton	0.7	0.8	1.6	2.5	6
Footprint	mxm	0.9x1.2	0.9x1.8	0.9x2.4	1.2x2.5	1.4x3.1



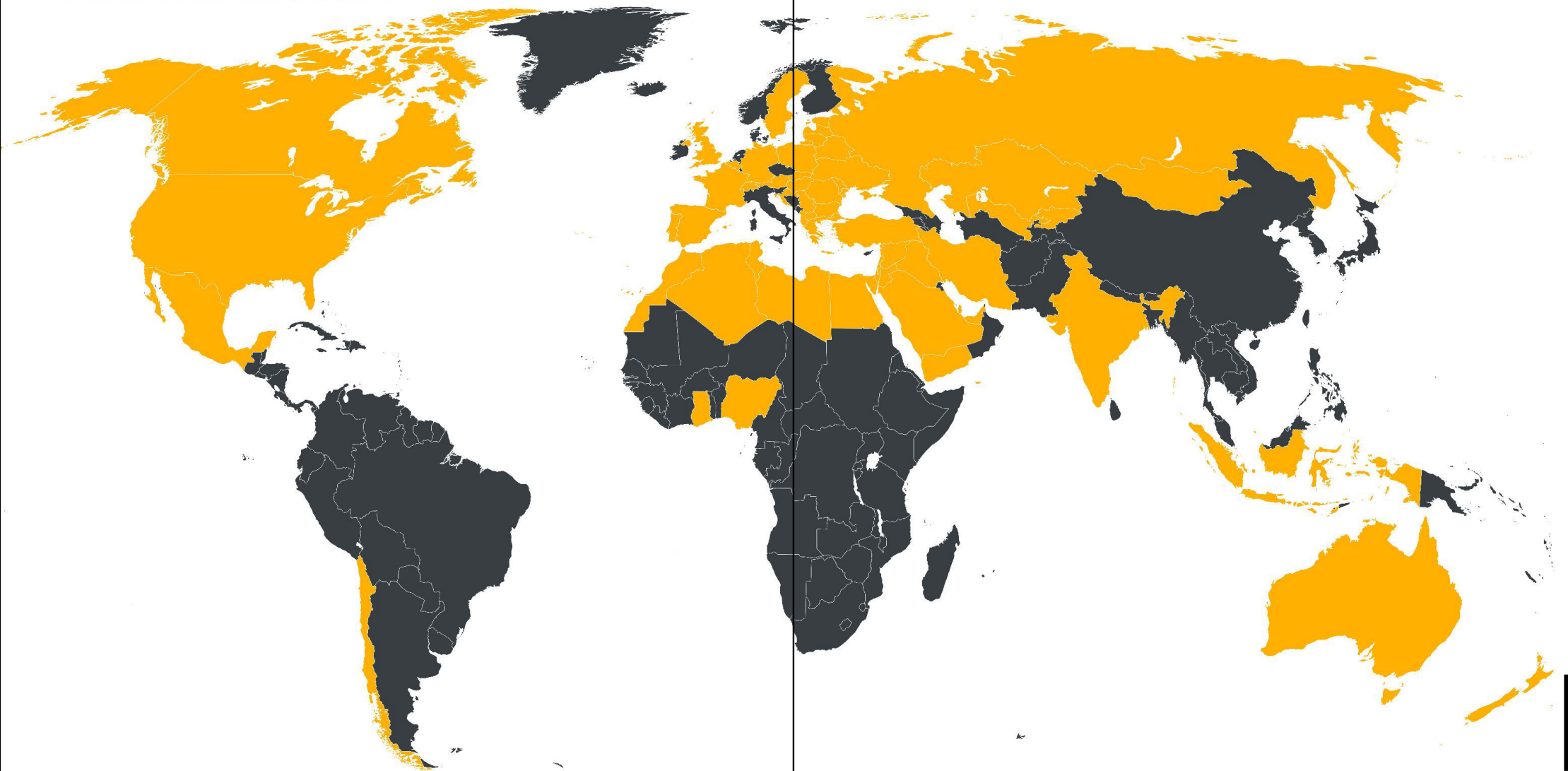
CABLE STRIPPERS

Suitable for cables with diameters of 5-90 mm



AYMAS

WORLD MAP
+60 COUNTRY



LEAVE IT WITH US

AYMAS RECYCLING MACHINERY
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