LOGEMANN

SINCE 1882

Three-Compression Scrap Metal

BALER

High Capacity, Dense, Uniform Bales. Engineered for Your Material.

Engineered to Turn Scrap Into Value

For over 140 years, one company has set the standard for high-density industrial scrap baling. That company is Logemann.

Since 1882, Logemann has done one thing: build the most capable, most durable scrap metal balers in the world. The company pioneered high-capacity 3-RAM compression for the automotive industry and went on to place over 125 machines directly with the world's largest OEMs. That same proven engineering then found its home in high-volume packaging — where the industry's most demanding can and container manufacturers trust Logemann to keep their scrap lines running without interruption.

In both industries, the stakes are the same: the baler is a critical production asset. When it goes down, the line goes down. That's why the people who know this business best keep choosing Logemann.

125+
Balers sold direct to automotive OEMs

140+
Years as an independent manufacturer

24/7
Built for continuous critical-line operation

INDUSTRIES SERVED

Automotive

Stamping, body fabrication, and OEM closed-loop scrap recovery

Automotive OEMs

Honda, Ford, Toyota, GM, Stellantis, Nissan, Hyundai, Volvo

Packaging

Can sheet, end stock, and container scrap at high-speed production rates

Packaging & Container

Ball, Anheuser-Busch, Ardagh, Crown, Sonoco, TBC

What Independent Specialist Means for You

When you buy a Logemann, you're buying from the engineers who designed it and the factory that built it. No distributor chain, no imported components, no discontinued parts. Every machine Logemann has ever built is still fully supported — because the company that made it is still here, still independent, still focused on exactly this.

Engineering & Design

Built for density. Engineered for uptime.

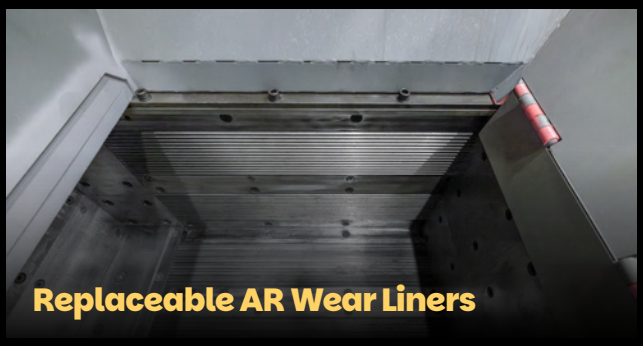
Every design decision in a Logemann baler traces back to a single requirement: keep the production line running. From the bale chamber to the hydraulic power unit, each system is engineered for the realities of continuous industrial operation — where maintenance windows are short, wear is inevitable, and stopping is not an option.

Shear-Before-Compression Knife System

Material is sheared before the compression cycle begins, reducing load on the rams and producing cleaner, more uniform bale faces. The knife system handles skeletal steel, extrusion drops, can sheet, and mixed light-gauge material — pre-conditioning the charge so the three-ram compression sequence works on material that's already sized and oriented for maximum density.

Precision-Guided Ram System

Heavy-duty cylinders are guided by precision-machined wear surfaces that maintain ram alignment under full compression load. Misalignment under load is the leading cause of premature cylinder failure and bale shape variation — Logemann's guided ram design eliminates both. The result is extended component life and consistent bale geometry across millions of cycles.



Replaceable AR Wear Liners

Abrasion-resistant liner plates protect the high-wear zones of the bale chamber, preserving the geometry that determines bale density. Plates are field-replaceable without cutting or welding — swap them during a scheduled maintenance window and restore the chamber to spec. Long-term density performance is maintained without major downtime or structural repair.

Integrated Weigh Hopper

An integrated weigh hopper meters each charge into the bale chamber by weight, not by volume or operator judgment. This ensures every compression cycle starts with a consistent, controlled feed — producing repeatable bale weights and uniform density from the first bale to the ten-thousandth. For mill-direct sales, consistent bale weight means consistent pricing and no rejected loads.

"IF THE BALER GOES DOWN, SO DOES THE PRODUCTION LINE. WE CAN'T AFFORD DOWNTIME — THAT'S WHY WE RUN LOGEMANN."

- TIER 1 AUTOMOTIVE STAMPING PLANT

3-RAM ARCHITECTURE

SCALABLE FOR ANY OPERATION

The same 3-RAM compression principle that runs in a Tier 1 automotive stamping plant scales all the way down to a single-line fabrication shop — and all the way up to a centralized high-capacity facility processing hundreds of tons per day. Logemann engineers size the cylinder tonnage, bale chamber, feed system, and hydraulic power to match your specific material and throughput. The architecture is the same. The performance is always maximum.

Service-First Mechanical Design

Routine maintenance on a Logemann requires no cutting, no welding, and no special tooling. Bolted access covers open to wear components sized and positioned for fast replacement. Every part that wears — liners, seals, knife blades, ram guides — is designed to be swapped in the field by a maintenance technician, not a factory service team. The goal is maximum uptime with minimum planned downtime, in the real conditions of a working production plant.

- **Wear access:** Bolted covers — no cutting or welding
- **Liner replacement:** Field swap, no structural repair
- **Parts support:** Every model, fully supported, always
- **Service mode:** Built-in PLC safety & training routines

Smart Hydraulic Power Unit & Controls

The Smart HPU is factory-built, factory-tested, and ready to run. Weld-free hosing, custom filtration, and Allen Bradley PLC controls with predictive diagnostics mean fewer failures, faster service, and no surprises on the production floor.

- **Controls:** Allen Bradley PLC & 15” touchscreen HMI
- **Diagnostics:** Integrated predictive fault monitoring
- **Remote access:** Full remote diagnostics capability
- **Warranty:** 3 years with service agreement

Popular Baler Models

*Performance Specifications

MODEL	POWER (HP)	CYCLE TIME (SEC)	Bale size WxDxL (in)	BALE WT STEEL (LBS)	BALE WT ALUM (LBS)	TONS/ HR STEEL	TONS/ HR ALUM	DENSITY STEEL (LB/FT³)	DENSITY ALUM (LB/FT³)
1212-22	60	42	12x12x12	125	63	5.36	2.72	125	63
1212-31	75	28	12x12x12	125	63	8.04	4.08	125	63
1212-33	100	45	12x12x12	200	102	8	4.06	200	102
1414-33	100	56	14x14x14	300	96	9.64	3.07	198	61
1416-33	100	58	14x16x16	350	178	10.86	5.51	169	86
1616-34	200	36	16x16x16	470	235	23.5	11.75	193	99
1620-35	3x100	30	16x20x20	600	305	36	18.27	162	82
2024-36	3x100	45	20x24x24	930	472	37.2	18.88	140	71
2424-37	3x100	75	24x24x24	1,680	853	40.32	20.47	210	107

***Performance specifications based on average sample material testing. Hundreds of additional configurations available. Contact Logemann for custom sizing, bale dimensions, and throughput requirements specific to your operation.**

Model Specifications

Engineered around your operation.

No two scrap streams are the same. Logemann Metal Series balers are purpose-built to match your material behavior, throughput requirements, density targets, and automation needs. Every system is custom configured — not catalogued.

Scrap Characteristics

Material type, gauge, form factor, and contamination profile all influence compression sequence and knife configuration.

Density Potential

Target bale density determines cylinder sizing, compression tonnage, and stroke programming for your specific material.

Automation Requirements

From manual operation to fully automated press-line integration — PLC configurations match your plant’s control architecture.

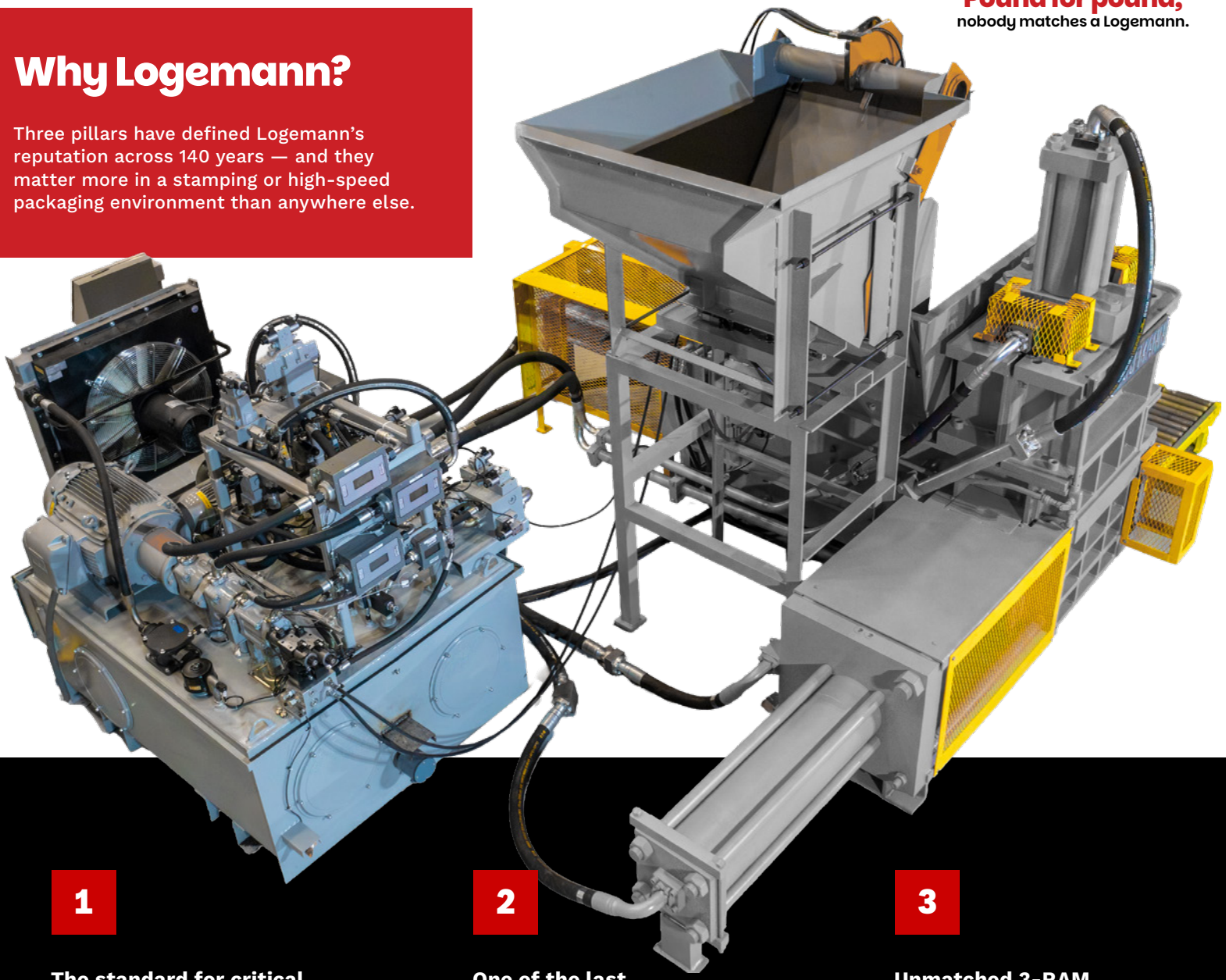
Lifecycle Economics

Logemann evaluates total cost of ownership — not just purchase price — before recommending the optimal model and configuration.

Pound for pound,
nobody matches a Logemann.

Why Logemann?

Three pillars have defined Logemann's reputation across 140 years — and they matter more in a stamping or high-speed packaging environment than anywhere else.



1

The standard for critical production environments

Whether it's an automotive stamping line or a high-speed can plant, the baler is part of the production process — not a peripheral. When it stops, everything stops. That's why the world's largest automotive OEMs and the most demanding packaging manufacturers chose Logemann: machines engineered to run without interruption where downtime is simply not an option.

2

One of the last independent specialists

Logemann doesn't make general recycling equipment. Every machine is purpose-built for industrial scrap processing — designed around material behavior, compression physics, and mill requirements. As competitors consolidated or exited the market, Logemann stayed independent and focused. That's why their machines last decades, not years — and why every machine ever built is still fully supported.

3

Unmatched 3-RAM compression at any capacity

The full 3-RAM system applies compression from all three axes simultaneously, achieving densities that single and two-ram competitors cannot reach. From compact inline units to high-capacity centralized systems, Logemann has a configuration for every throughput requirement. No one in the market produces a denser bale, at any scale.

See how much your stamping scrap is really worth

Find the Right System for Your Application

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