

GREAT SCRAP PROCESSING SOLUTIONS

COMPANY & PRODUCT PROFILE/EN

WHEN EXPERIENCE AND INNOVATION COME TOGETHER TO DELIVER UNBEATABLE SOLUTIONS.

Our **balers and shear baler/loggers** are not only the most powerful machines on the market but also the result of our unique competitive traits: competence, professionalism and reliability, which only those who have known the metal-scrap recycling market for over 30 years can offer. We have always worked alongside each of our customers, supporting them directly in the field and actively listening to their specific needs.

HOWEVER, WE KNOW THAT THIS IS NOT ENOUGH...
Unlike other machine manufacturers, which will always claim to have the best product, we only claim **to offer maximum productivity at the lowest operating cost.**

And here's why:

1 Productivity
We share with you our extensive know-how, the result of 30+ years of experience designing scrap processing and recycling systems.

2 Listening
Our main commitment is the utmost attention to customers, providing them with the best knowledge, equipment and support.

3 Innovation
We aim to supply the latest generation of shears and balers, staying always one step ahead of the competition.

4 Timeliness
We are always at your disposal – from immediate quotes to worldwide assistance – with our optimized internal structure.

5 Assistance
We provide consistent support to our trusted customers with a quick and efficient after-sales service designed to minimize downtime.

6 International presence
GPS' worldwide presence relies on a dense network of selected distributors and agents.

7 Quality
We select only the best components for our machines. Only thus can we achieve the best performance on the market.

8 Green
Metal recovery, an indispensable process to save the planet, is twice as beneficial when managed with machines that reduce consumption and emissions.



OUR HISTORY, OUR ROOTS.



Marco Garuti *boasts a* ***35-year*** *career in the scrap recycling sector, knows perfectly the needs of scrap dealers and recovery companies, speaks German, Dutch, English and Italian and, thanks to his experience and expertise, has already* ***sold over 2000 balers and shear balers worldwide.***

He began his career as Sales Director at ***Lollini International****, an Italian baler manufacturer, after which he co-founded and took the helm of* ***Sierra Europe****. At that point,* ***he decided to offer the market a new metalworking approach, creating unique machines designed to minimize scrap and processing costs while increasing company profits****.*

GPS srl was founded in Ferrara at the end of 2013 thanks to the innovative mindset and undisputed experience of CEO Marco Garuti. Our first year in business was devoted to the organizing the commercial network and optimizing production capacity.

Already in 2015, the first 800-ton HS shear baler and the new M-Generation baler were delivered to German customers. This aroused major interest in the proposed solutions, leading to six additional orders shortly thereafter. From its early days, the company consistently invested in the creation of a dense dealer network, ensuring a widespread presence for its customers.

I2017 was a particularly exciting year for GPS, as the company delivered to German customers the first unit of its wildly popular **Predator HS**, a next-generation, unique and innovative baler. The sale of this baler, with an astounding production capacity of over 400 tons of bodywork per shift, saw GPS become a manufacturer of high-performance machinery.
This was followed by the sale of many balers and shear balers in the UK, Germany and New Zealand, which confirmed GPS's promise to improve its customers' profits.

Although 2020 was a difficult year for all markets, GPS still managed to deliver numerous units to improve the productivity of many customers worldwide.

In recent years, we have expanded our range with additional product lines and new, increasingly performing machines will be available shortly to significantly boost your profits.

OUR CHALLENGE.

WE STRIVE TO ACHIEVE TWO MAIN GOALS:



1 **TO REDUCE COSTS PER TON**

We know full well that improving your business means, first and foremost, reducing the cost per ton of processed material to deliver far superior profit margins.
Accordingly, we endeavour to produce highly efficient machines, always one step ahead of the competition.



2 **OFFER EFFECTIVE AND FLEXIBLE SOLUTIONS**

Thanks to the close and continuous collaboration with customers, we can test the quality of each hydraulic, electronic and structural component in our units, verify their productivity and speed relative to processed materials and constantly improve our service.

LOLLINI'S MISSION

"In 1984, I read an ad from a company based in Bologna that was looking for someone to work as an office clerk at the sales office. The ad said: "English language mandatory, second foreign language preferable". I went in for the interview and got the job thanks to my knowledge of four foreign languages. Little did I know that this would change my life forever. Within a few years' time, I became the Sales Manager and, in 1997, I decided to move on with my career and set up Sierra Europe.

I will never forget the years spent at Lollini International, working side by side with Mr. Alessandro Lollini. Mr. Lollini was not only an outstanding engineer and world-class innovator in the scrap processing industry, but also a source of inspiration for an entire generation".

Marco Garuti
CEO di GPS

People who do great things often leave a great legacy. This also applies to Mr. Lollini, a notable innovator who consistently thought outside the box.

Our machines are fruit of the great legacy left to us by **Lollini International**, an Italian company that designed the first mobile scrap balers on the market.

Over the years, GPS has kept on producing a few of Lollini's balers incuding the **GPS Predator,** which retains the kinematics of **Lollini's AL5000 baler** while adding a completely revamped and updated hydraulic, electrical and electronic system

Nowadays, GPS is **Lollini's global reference point** – a competent and reliable contact which can provide assistance, spare parts, and exchange old units of this historic brand.

LOLLINI'S STORY
FROM THE UNDERGROUND BALERS TO THE INNOVATIVE AL5000, WHICH TRANSFORMED THE MARKET.

Lollini International began with the production of huge oil storage tanks but converted its production into scrap processing equipment in the early 1970s, after the first major oil crisis.

In the course of its history, Lollini International has produced and shipped several thousand balers worldwide. Late 80s, early 90s marked the top years for the company.

The breakthrough came with the launch of the **AL5000 mobile baler**, a major commercial success around the world. The success was indeed so staggering that most competitors also started offering their own mobile balers.

Unfortunately, financial issues and differences among shareholders adversely affected the company and led to some bad decisions. This had an immediate effect on potential customers who decided to take their business elsewhere.

The following years saw the decline of what Mr. Lollini had built with so much sacrifice. In 2001, the company was forced to shut down and went into liquidation.

During that time, a company with a very similar name started operating in Romania and the market was led to believe that the company had simply moved to that country. What happened in Romania in the decade to come ruined forever the good name and standing the "original" Lollini company had built up.



Lollini AL5000

GPS BALERS AND BALERS: ONLY THE BEST FOR YOUR BUSINESS.

With over 30 years of experience in the industry, we understand that the main goal of any scrap dealer or recycling company is **to minimize scrap, reduce processing costs and increase company profits.**



GPS MEETS THIS NEED EXACTLY.

Our unrivalled machines stand above the rest because we uniquely understand the industry's needs, and we confidently offer the best solution worldwide, always one step ahead of the competition.

And here's why:

1

Productivity
GPS machines deliver the highest possible productivity with the lowest processing time for immediate profit.

2

Top-of-the-line components

Hardox® 450
for sheet metal.

Bosch-Rexroth
for the hydraulic system.

Siemens
for electrical and electronic circuits.

3

Customization
Our outstanding production flexibility allows us to offer countless customized configurations.





4

Minimal maintenance

Our products are designed for long service lifes with minimal maintenance overheads.

Remote assistance available worldwide.

Digital platform available to all customers.

Spare parts always in stock for timely shipments.

Widespread presence of specialized technicians for on-site operations.

5

Worldwide presence

You can rely on our large, global dealer network wherever you are.

6

Innovation

Our machines incorporate state-of-the-art technology and our range expands with new models every year.

7

Active listening

Only by actively listening to customer's needs can we identify the most suitable solution for each operating context.

8

Lower consumption

Our low-consumption machines save energy and deliver additional profits for your company.

Sustainable savings.

Savings on the initial investment. › **Gains** due to the productivity growth. › **Reduced power** consumption. › **Reduce maintenance, spare parts and service costs .**

SHEAR BALERS

SHEAR/BALER/LOGGERS FOR BULKY SCRAP

STATIONARY



PRODUCTIVITY AT A COMPETITIVE PRICE

Destroyer, the most powerful wing shear ever designed, has a much higher force on the lids than any traditional shear. Thanks to the 9.8' wide charging box, which opens up completely to one side, you can process even very bulky material.
The latest generation hydraulic unit guarantees maximum production efficiency at a reduced cost per ton ratio.

SPECIFICATIONS

Box – Length of 6, 7 or 9 m with a width of over 2.8m.
Shear cycles – Intelligent short stroke.
Shear – foundry scrap, pipe, beams, plate, hms #1, and hms #2.
Lid system – Closing system with three lids. Combined force of 600 tons!
Bale – Light scrap, hms #2, clips and busheling.
Log – Automobiles, appliances, light scrap.

	6/800	7/800	7/1000	9/1000	9/1200
Shear force ton	800	800	1000	1000	1200
Hold down/Pre-compression force ton	150	150	250	250	250
Lid, Side and Hammer forces ton	200	300	300	400	400
Combined box closing force ton	400	600	600	800	800
Main compression force ton	160	160	160	160	160
Bale/Log size mm	800x600xVar.	800x600xVar.	800x600xVar.	1000x650xVar.	1000x650xVar..
Diesel engine HP	450	450	450	450	-
Electric motors kW	4x75	4x75	4x75	4x90	4x110
Shearing production tph	18-28	20-30	22-35	23-40	25-45
Baling/Logging production tph	15-40	15-40	15-40	15-40	15-40

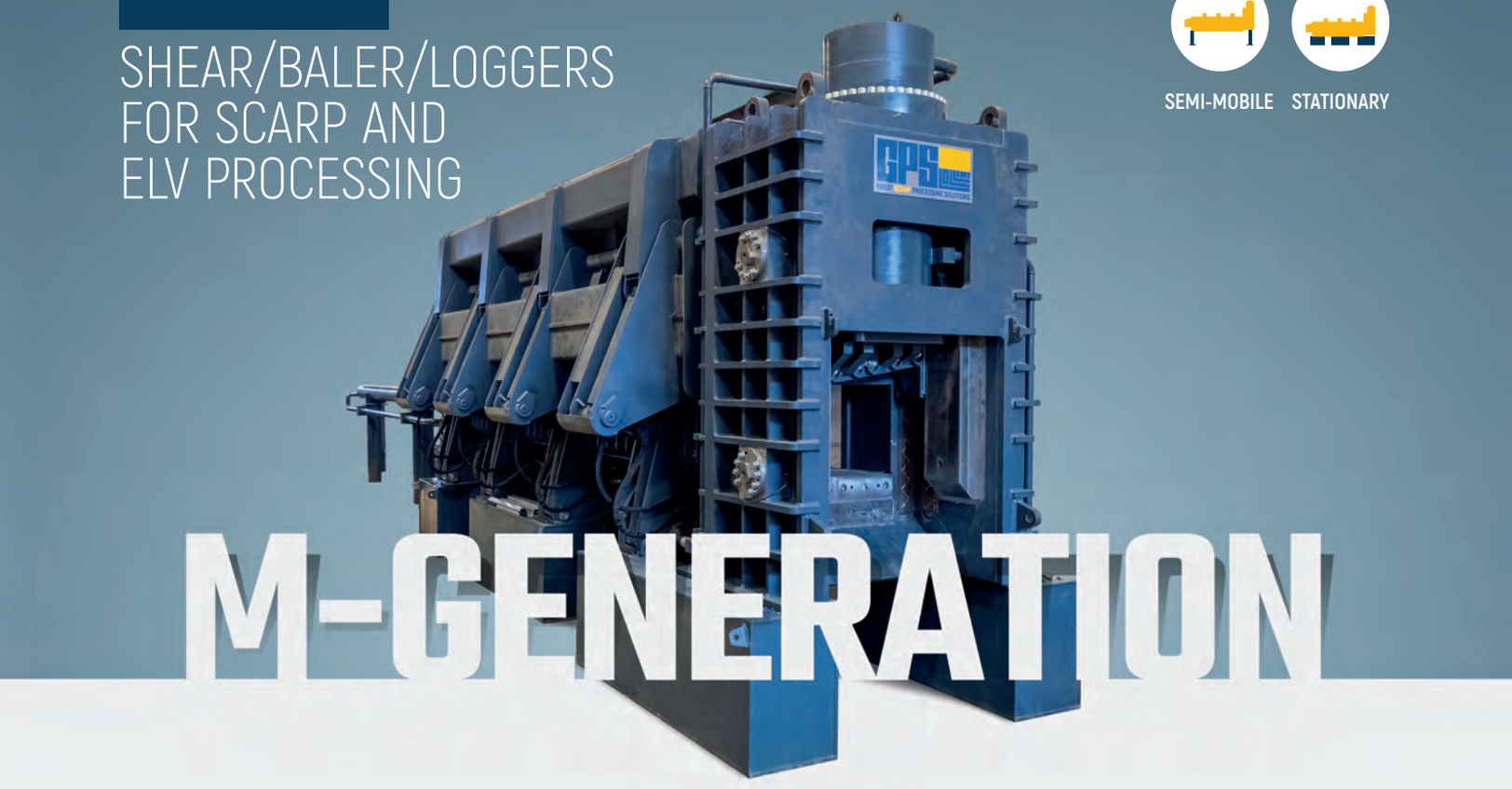
* Average data, variable according to the type of material treated and the conditions of use.

The manufacturer reserves the right to make material and model changes without notice. The weights, measures and other data are simply provided as an indication and are not binding for the Manufacturer.

SHEAR BALERS

SHEAR/BALER/LOGGERS FOR SCARP AND ELV PROCESSING

SEMI-MOBILE STATIONARY



M-GENERATION

FLEXIBLE AND POWERFUL

A powerful and robust shear/baler combination guarantees high productivity also with light scrap. Modern, versatile and hybrid tool perfectly suited for the average scrap yard.

SPECIFICATIONS

Flexible and robust - The perfect combination of flexibility and power.
Box - Large to ensure excellent performance.
Lids with 3 or 4 cylinders - Power distributed exactly where you need it.
Lids – Fast closing system.
Pusher cylinder - A superior strength that guarantees an excellent result.

	M5-550	M6-550	M6-715	M7-815	M7-900	M7-1050
Shear force, tons	550	550	715	815	900	1.050
Hold-down force, tons	120	120	120	150	150	150
Box length, mm	5.000	6.000	6.000	7.500	7.000	7.500
Bale size, mm	880x650xV.	880x650xV.	880x650xV.	880x650xV.	880x650xV.	880x650xV.
Lid force, tons	220 (3 cyl.)	220 (3 cyl.)	220 (3 cyl.)	275 (4 cyl.)	220 (3 cyl.)	275 (4 cyl.)
Side force, tons	220 (3 cyl.)	220 (3 cyl.)	220 (3 cyl.)	275 (4 cyl.)	220 (3 cyl.)	275 (4 cyl.)
Pusher force, tons	160	160	160	160	160	160
Diesel engine	175 HP	175 HP	275 HP	450 HP	275 HP	450 HP
Electric motors	1 x 90 kW	1 x 90 kW	1 x 160 kW	2 x 160 kW	1 x 160 kW	2 x 160 kW
Stationary version	✓	✓	✓	✓		✓
Semi-Mobile version	✓	✓	✓		✓	
Sheared scrap tons/hour	Up to 20	Up to 22	Up to 22	Up to 24	Up to 24	Up to 26
Baled scrap tons/hour	Up to 18	Up to 18	Up to 18	Up to 20	Up to 20	Up to 20

* Average data, variable according to the type of material treated and the conditions of use.

The manufacturer reserves the right to make material and model changes without notice. The weights, measures and other data are simply provided as an indication and are not binding for the Manufacturer.

SHEAR BALERS

HEAVY
RANGE

STATIONARY



HS E HS GIANT

INFINITE DISTRUCTIVE POWER

Extremely powerful and robust, it is the real master of the scrap yard, designed to meet the multiple needs of your company, even in difficult contexts. Versatile shear press with integrated support frame, ideal for cutting, compacting, and baling large quantities of scrap with maximum productivity.

SPECIFICATIONS

Heavy structure - Uncompromising strength and stability.
Replaceable liners - Easily replaceable liners in the box and head
Wide box - The width exceeds that of a container.
High efficiency lid system - Lids equipped with overtravel for quick and efficient closing.

Reliable hydraulics – Guaranteed efficiency.
Position transducers – More reliability.
Remote control – Reduces operator cost.
Preloading table – Increases productivity.

	HS 800/6	HS 800/7	HS GIANT 1.000	HS GIANT 1.200	HS GIANT 1.400
Box length mm	6.000	7.000	7.000/9.000	7.000/9.000	7.000/9.000
Bale size mm	800x600xV.	800x600xV.	800x600xV.	900x600xV.	900x600xV.
Lid force, each	275 (2 cilindri)	395 (3 cilindri)	410 (3 cilindri) 500 (4 cilindri)	410 (3 cilindri) 500 (4 cilindri)	410 (3 cilindri) 500 (4 cilindri)
Shear force, tons	800		155	200	7.000/9.000
Hold-down force, tons	165		190	190	900x600xV.
Pusher force, tons	190				
Electric motors	2 | 3 | 4		4 | 5 | 6	4 | 5 | 6	4 | 5 | 6
Sheared scrap tons/hour	30		40	47	55
Bales scrap tons/hour	20		40	40	25

* Average data, variable according to the type of material treated and the conditions of use.

The manufacturer reserves the right to make material and model changes without notice. The weights, measures and other data are simply provided as an indication and are not binding for the Manufacturer.

SHEARS

INCLINED SHEAR

STATIONARY



VERY POWERFUL AND SUPER COMPACT

Discover the incredible power of Hawk, the continuously fed inclined shear for the treatment of long materials and heavy scrap, which guarantees over 250 cuts per hour. By exploiting the force of gravity, it can perform extremely fast processing cycles with excellent results.

SPECIFICATIONS

Side Compression - Two side pushers reduce the material in width. Continuous.
feeding - The material advances by gravity without a pusher.
Continuous Cutting - Over 250 cuts per hour.

	Hawk
Charging box mm	1.990 x 5.300
Shear force tons	800
Side compression tons	150x2
Hold down clamp tons	150
Cuts per hour #	250
Cutting length mm	da 300 a 900
Diesel engine HP	250
Weight ton	75

* Average data, variable according to the type of material treated and the conditions of use.

The manufacturer reserves the right to make material and model changes without notice. The weights, measures and other data are simply provided as an indication and are not binding for the Manufacturer.

BALERS

ELV LOGGER AND SCRAP BALERS

MOBILE SEMI-MOBILE STATIONARY



M-GENERATION

VERSATILE DESIGN AND FLEXIBILITY

Much more powerful than any other press in its class, it generates an incredible 200/220 tons of power on the top lid and side compression, ensuring maximum production efficiency. It has different options and configurations to best adapt to any context and requirement.

SPECIFICATIONS

Flexible and robust - The perfect combination of flexibility and power.
Charging box - Large enough to ensure excellent performance.
3 cylinders per lid - Power distributed exactly where it is needed.
Lids - 90° opening and quick closing system.
Baling cylinder - A superior force that guarantees an excellent result in terms of density and bale/log size.
Options - Wide choice of options to customize the machine according to your needs.

	M3.5	M5	M6	M5 HS	M6 HS
Charging box mm	3.500	5.000	6.000	5.000	6.000
Bale/Log size mm	600x600	800/880x650	800/880x650	800/880x650	800/880x650
Lid force each tons	200	200	200	220	220
Baling force tons	200	200	200	220	220
Diesel engine HP	160	160	160	200	200
Electric motor kW	110	110	110	160	160

PRODUCTIVITY

	M3.5	M5/M6	M5-HS/M6-HS
Bales/Logs per hour	23-30	18-23	23-30
ELV tons/hour	-	16-18	20-25
Scrap tons/hour	10-14	8-12	12-15

* Average data, variable according to the type of material treated and the conditions of use.

The manufacturer reserves the right to make material and model changes without notice. The weights, measures and other data are simply provided as an indication and are not binding for the Manufacturer.

BALERS

DOUBLE COMPACTION ELV LOGGER AND SCRAP BALER

MOBILE SEMI-MOBILE STATIONARY



BEST PRICE-QUALITY RATIO

Double compaction scrap baler and automobile logger with large loading compartment. Absolutely the best value for money in its category. This baler is particularly suitable to be mounted on a three-axle semi-trailer for road circulation without special permits. The M6-DA can also be equipped with a loader arm with a lifting capacity of 1,400 kg at 8.6 meters.

SPECIFICATIONS

Robust - The perfect combination of flexibility and power.
Loading box - Large to ensure superb performance.
3 Cylinders on the lids - Power distributed exactly where it is needed.
Lids - 90° opening and fast closing sequence.
Pusher ram - A superior strength that guarantees an excellent result.
Options - Huge choice of options to customize the machine according to your needs.

	M6DA
Box length mm	6000
Bale size mm	920 x 650
Lid force, tons	220
Side force, tons	220
Pusher rams	160 x 2
Diesel engine HP	200

PRODUCTIVITY

	M6DA
Bales per hour	38-45
ELV tons/hour	20-28
Scrap tons/hour	12-15

* Average data, variable according to the type of material treated and the conditions of use.

The manufacturer reserves the right to make material and model changes without notice. The weights, measures and other data are simply provided as an indication and are not binding for the Manufacturer.

BALERS

ELV LOGGER AND SCRAP BALER

MOBILE SEMI-MOBILE STATIONARY



PREDATOR

EXCELLENT AND UNIQUE IN THE WORLD

Power and speed are an integral part of Predator's DNA. Designed for intensive use, it ensures productivity levels of up to 400 tons per day thanks to a baling and logging cycle of less than one minute and enough power to log two automobiles at the same time.

SPECIFICATIONS

Charging box - Very large charging area of 5/6 or 7m and a width over 2.8 m.

Hammer - Forces material inside the box.

3 Lid system - Very powerful and assures for quick closure of the box.

Double compaction - Superior force and baling/logging speed.

	Predator 5.0	Predator 5.0 HS	Predator 6.0	Predator HS 6.0	Predator HS 7.0	Predator HS 9.0
Box length mm	5.000	5.000	5.000	6.000	7.000	9.000
Bale/Log size mm	1.000x600 x V.	1.000x600 x V.	1.000x600 x V.	1.000x600 x V.	1.000x600 x V.	1.000x650 x V.
Lid force tons	155	200	155	200	300	400
Side force tons	155	200	155	200	300	400
Hammer force tons	155	200	155	200	300	400
Combined closing force tons	310	400	310	400	600	800
Baling/Logging force tons	165 x 2	165 x 2	165 x 2	165 x 2	165 x 2	165 x 2
Diesel engine HP	175	450	200	385	450	550
Bales/Logs per hour	30-32	40-45	30-32	40-45	40-45	40-45

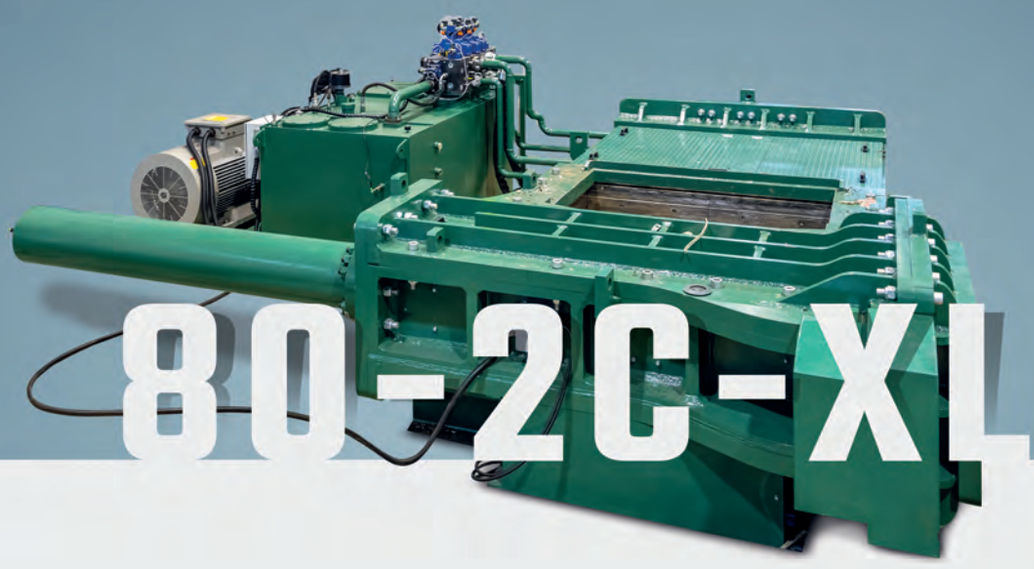
* Average data, variable according to the type of material treated and the conditions of use.

The manufacturer reserves the right to make material and model changes without notice. The weights, measures and other data are simply provided as an indication and are not binding for the Manufacturer.

BALERS

AUTOMATIC CONTINUOUS FEED BALER FOR FERROUS AND NON-FERROUS SCRAP

STATIONARY



UNPARALLELED RELIABILITY AND INNOVATION

This automatic continuous feed baler born from the award-winning series of two-compression balers designed by Lollini International, produces high- density bales with maximum efficiency, carrying out various pre-compressions of the infeed material.

SPECIFICATIONS

Loading chamber - Fully lined with bolted and replaceable wear plates.
Wear plates - Washboard style or castellated according to the material to be treated.
Cutting lid - Cover equipped with blades for cutting excess material.
Precompressions - Possibility to modify the number of precompressions according to the type of the material to obtain an optimal bale weight.
Power unit - Modular power unit to meet any production requirement.

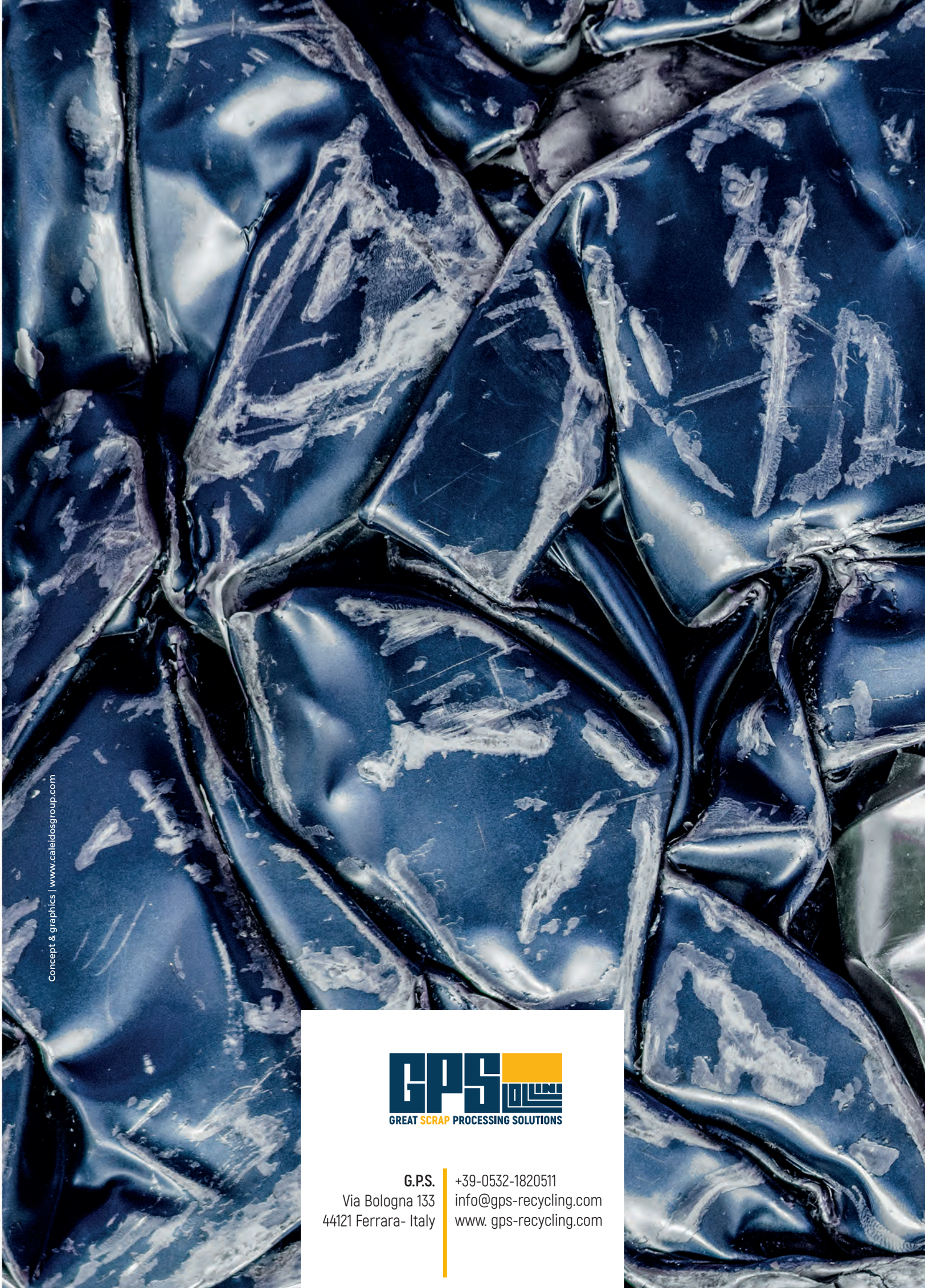
	80-2C-XL
Charging box mm	1.600x1.300x400
Final compression tons	140
Bale size mm	400x300xV.
Motor kW	1x45 | 1x90 | 1x110
Cycle time sec.	60 | 45 | 30

PRODUCTIVITY

MOTOR	1x45 kW	1x90 kW	2x55 kW
Bales per hour	60	80	120
Productivity Al tons/hr (bale 30-50 Kg)	1.2-3.0	1.5-4.0	1.8-6.0
Productivity Fe tons/hr (bale 50-90 Kg)	2.0-5.4	2.4-7.2	3.0-10.8
Productivity Cu tons/hr (bale 65-120 Kg)	2.6-7.2	3.1-9.6	3.9-14.4

* Average data, variable according to the type of material treated and the conditions of use.

The manufacturer reserves the right to make material and model changes without notice. The weights, measures and other data are simply provided as an indication and are not binding for the Manufacturer.



Concept & graphics | www.caleidosgroup.com

GPS ROLLINI
GREAT SCRAP PROCESSING SOLUTIONS

G.P.S.
Via Bologna 133
44121 Ferrara- Italy

+39-0532-1820511
info@gps-recycling.com
www. gps-recycling.com