

[www.baumann-sideloaders.com](http://www.baumann-sideloaders.com)

CAVAION SIDeloadERS  
**BAUMANN**

the art of working sideways

# THE GS/GXS SERIES

10 - 60 TONNES CAPACITY

Heavy-Duty



Tough, capable & robust  
Built for harsh environments  
Heat & damage protection  
Low emission diesel engine  
High residual load capacities  
Chassis-tilting system for safer load handling



In several countries, and mostly for historical reasons or customer preference, Baumann sideloaders are delivered in red and white livery. Rest assured, 'Baumann Rosso' are identical in specification and quality!



# Welcome to Baumann Sideloaders

**Baumann is a world-class manufacturer of sideloaders from three to 60 tonnes capacity - with a reputation for consistent innovation, and the highest level of design and productivity.**

Our comprehensive range of sideloaders handle a multitude of products, typically considered long or bulky, and most commonly timber and steel.

Nevertheless, our machines are also specified to suit the demands and nuances of plastic, concrete and other manufacturing sectors.



Based in Cavaion in Italy, our family-owned company has led the sector for over 50 years, allowing us to sell our products worldwide through 106 dealers in 76 countries.

Cavaion Veronese, near Verona, has been home to Baumann since 1969, with the factory more than tripling in size over the years, as the company grew.

The location of 'Cavaion Sideloaders Baumann' was said to have been selected for its proximity to a renowned nearby technical school by owner, Wolfgang Baumann, who believes craftsmanship "permeates the local culture".



1969  2019  
THE  
**50**<sup>TH</sup>  
ANNIVERSARY



### Practical Innovation

Uniquely, most of our attachments are mounted integrally, minimising any loss in load capacity or usable platform width.

## The blending of innovation, productivity and durability.

**Baumann machines can cope with almost anything you can throw at them.**

Our chassis are built to exacting standards, while our masts have a unique profile designed for the specific demands of working sideways.

Toughness is just one of the secrets to our success, helping our equipment to be known worldwide for its durability and reliability.

Baumann is also renowned as an innovator, especially in the important areas of safety and productivity.

Our Variable Reach System (VRS) with Archimedes Outreach is the most advanced development in sideloader

design in over 50 years. We have been nominated nine times in the Fork Lift Truck Association's Excellence Awards, winning for both Environment and Innovation, and are the only sideloader manufacturer to receive the prestigious Watt d'Or from the Swiss Federal Office of Energy.

With a strong reputation for our ability to customise standard models around specific needs, we are a reliable and professional partner, particularly in technical support and after-sales.

Our panoramic operator cabs offer the very latest technology, efficient use of space and high levels of ergonomics.

It all adds up to an enviable package blending the perfect levels of innovation, productivity and durability.



## The GS 100 - 180 Series



**At the heavy-duty end of the spectrum, harsh conditions with long and heavy loads are routine.**

The Baumann GS 100-180 series is definitively the most robust, yet most compact sideloader with this lifting capacity. The series guarantees not only safe and reliable handling of long and bulky goods, but also the best possible cost/benefit ratio.

The guiding principle is a robust and simple construction combined with compact dimensions for maximum possible manoeuvrability and service-friendliness.

The on-board electronics have been kept to a minimum to reduce the possibility of electromagnetic interference and damage from high temperatures prevalent in steel and aluminium manufacturing.



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The Baumann GS 100-180 series is the result of over 50 years of experience and knowledge gained from heavy-duty industry around the world, particularly the steel industry.

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As a result, many components, such as levers, parking brake, oil supply, are either hydraulic or mechanical.

This also means that sensitive electronic components, such as CAN Bus systems or electronic sensors for wheel hub motors, are not needed.

To make our equipment even more robust, a Baumann duplex mast without free lift is incorporated as standard.

Duplex masts with full free lift are also available to suit customers' requirements.

The chassis has additional reinforcement at particularly critical points, the material thicknesses and dimensions are more generous and the frame structure is interlocked. In fact, the chassis, axles and mast of the Baumann GS 150-180 series are tested to a safe working load of 20 tonnes.

This means that even special applications, such as extreme load centres or four-shift operations, can be handled easily.



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## Ergonomics

Our panoramic cabins provide excellent visibility, whilst the high-comfort specification includes naturally placed control levers; uncluttered footwell; deluxe seating; and dual-plane vibration controlled suspension.



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## Durability

Everything about Baumann is built to last. From the rigid torsion welded construction to the proven drivetrain, cabin struts and light protectors. It's not just under the bonnet, you can truly feel the difference.





## Tougher, Smarter & Built To Last

**Our equipment's renowned durability is key to our long-standing partnerships with heavy and specialist load users across the globe.**

This toughness comes from using quality components, for example Baumann axles guarantee a long service life, robustness and safety.

Other items are used intelligently to reduce wear, such as the galvanised axle bolts, and longer-lasting bronze bushings.

The contact between bronze and steel also results in practically no corrosion of the material, with much reduced abrasion than with conventional steel-steel contact.

Reduced wear of the axles is of particular importance for sideloaders because there are additional rotational pressures acting upon them.

During our research and development stages, great emphasis is also placed on simplifying the maintenance and servicing of our equipment.

Commonality of parts is one way to achieve this, hence all the bolts used at the connections between the outreach cylinders and their vertical supporting brackets are the same as those used in the axle brackets.

Reinforced pin rod eyes are incorporated in both the outreach cylinders and the tilting cylinders.

We also discuss the latest developments in steel production, stockholding and handling with our many customers to ensure we provide equipment that meets today's tough demands.

This work, combined with our decades of experience, extensive dealer network and online parts system, allows Baumann to guarantee the optimum availability of spare parts and a seamless service for comparatively low parts stocking costs.

It adds up to a highly-productive package and a manufacturer that is committed to ensuring equipment works efficiently and effectively today, tomorrow and for years to come.





## The GX 200 & GXS 250 - 600 Series

**Companies handling the heaviest loads rely on us to provide robust machines that are more than up to the job.**

Even at these capacities, our aim has been to deliver the levels of productivity, flexibility and reliability that we have become rightly famous for.

Baumann developed the GX 200 and GXS 250 with the same design and construction philosophy as the smaller series.

With these giants, the frame, drive axle and steering axle are reliable, stable and designed for a long life.

The GX 200 offers excellent manoeuvrability, and the GXS 250 can lift up to 25 tonnes with a maximum load centre of 1250 mm, when supported by the stabilizers.

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Machines handling these loads need to be tough and reliable. Add to that options such as central lubrication systems and hot steel protection package, and we have a range that is unrivalled in the industry.

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With their 16.00-25 tyres, these sideloaders remain the most compact - and thus most manoeuvrable - in their load class.

The Cummins Euro Stage V (Tier 4 Final EPA/CARB) engine is well-established worldwide and works energy-efficiently under modern, low-emission and noise-reduced working conditions - the GX 200 and GXS 250 remain absolute powerhouses.

The engine is positioned beneath the platform to improve the drivers' visibility.

The GX 200 and GXS 250 - 600 sideloaders can be customised and constructed to specific requirements, ensuring that they meet the needs of Baumann sideloader customers worldwide.

Options such as convenient Baumann hydraulic stairs, rear view cameras or central lubrication systems further increase the service-friendliness, ease of use, performance and safety of these huge heavy duty sideloaders.



## Series features

All the great advantages of Baumann sideloaders, such as the automatic stabilisation system and cab on hydro bushings, are standard in this series.

# Specification Overview

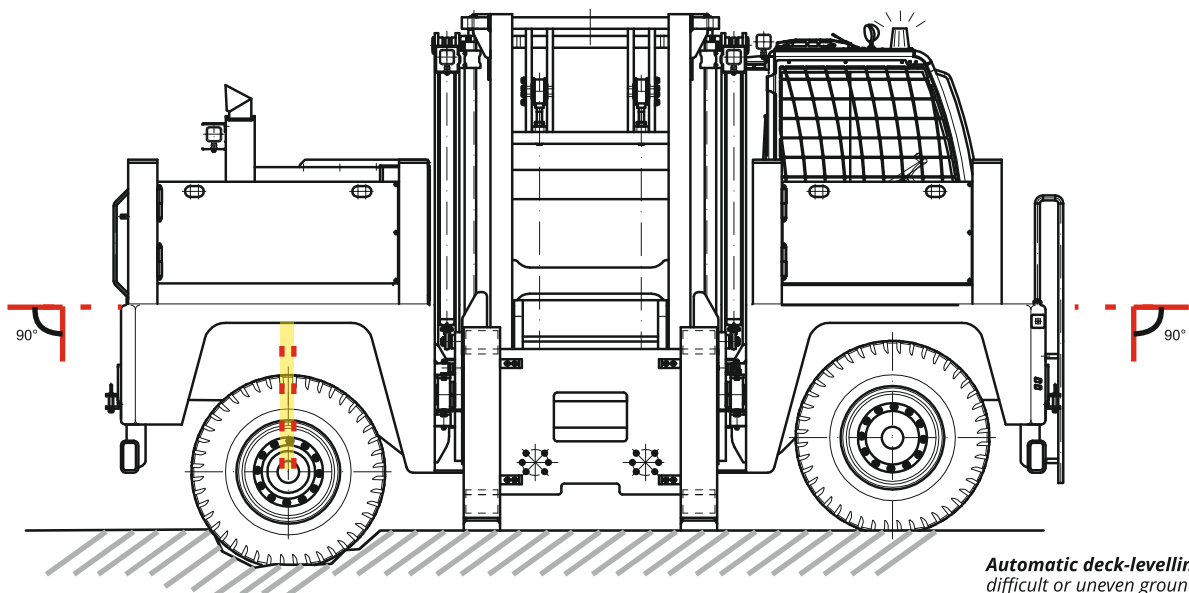
GS 100-120	
Lifting capacity:	10,000 -12,000 kgs
Overall length:	5,760 mm
Overall width:	2,500 / 2,700 / 2,900 / 3,400 mm
Platform width:	1,600 / 1,800 / 2,000 / 2,500 mm
Platform height:	1,320 / 1,420 / 1,395 mm
Fork length:	1,500 / 1,700 / 1,900 / 2,400 mm
Fork section:	200 x 80 / 200 x 90mm
Framework cut:	1,780 mm
Fork spacing max:	1,600 mm
Tyre size:	12.00-20 / 12.00-24 / 14.00-20
Diesel engine (manufacturer):	Cummins
Diesel engine (type):	QB 4.5
Power:	129kW/175HP

GX200	
Lifting capacity:	20,000 kg
Overall length:	6,900 mm
Overall width:	3,100 / 3,600 mm
Platform width:	2,000 / 2,500 mm*
Platform height:	1,800 mm
Fork length:	2,000 / 2,500 mm*
Fork section:	350 x 95 mm
Framework cut:	1,900 mm
Fork spacing max:	1,740 mm
Tyre size:	16.00-25
Diesel engine (manufacturer):	Cummins
Diesel engine (type):	QSB 6.7
Power:	168kW/228HP

GS 150-180	
Lifting capacity:	15,000 -18,000 kgs
Overall length:	6,350 mm
Overall width:	2,600 / 2,800 / 3,000 / 3,500 mm
Platform width:	1,600 / 1,800 / 2,000 / 2,500 mm
Platform height:	1,550 mm
Fork length:	1,600 / 1,800 / 2,000 / 2,500 mm
Fork section:	200 x 90 mm
Framework cut:	1,920 mm
Fork spacing max:	1,740 mm
Tyre size:	14.00-24
Diesel engine (manufacturer):	Cummins
Diesel engine (type):	QSB 6.7
Power:	168kW/228HP

GXS 250-600	
Lifting capacity:	25,000 kg (supported), 20,000 kg (unsupported)
Overall length:	7,950 mm
Overall width:	3,150 / 3,700 / 4,100 mm
Platform width:	2,000 / 2,500 mm*
Platform height:	1,800 mm
Fork length:	2,000 / 2,500 mm*
Fork section:	300 x 120 mm
Framework cut:	2,000 mm
Fork spacing max:	1,800 mm
Tyre size:	16.00-25
Diesel engine (manufacturer):	Cummins
Diesel engine (type):	QSB 6.7 / 9l
Power:	168kW/228HP - 228kW/3030HP

\*others available on request



**Automatic deck-levelling:** Even on difficult or uneven ground conditions, Baumann sideloaders keep loads level.



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### Unique Mast Profiles

The mast on the GS 100-180 series has more generously-dimensioned profiles and lift mast rollers in order to withstand the increased stresses.



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### Ease Of Operation

The sideloader is available with hydraulic multi-lever or joystick controls. Fitting electrical joysticks are not advised in dusty and harsh conditions of use. The hydraulic control is less sensitive to heat or electro-magnetic interference.

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### Convenient Access

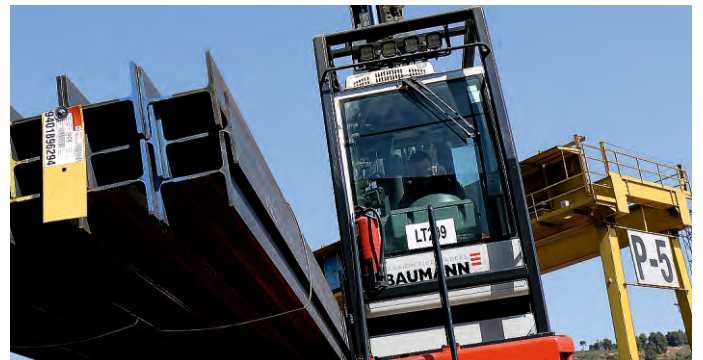
These models are designed with extremely robust chassis and axle protection. We also provide an hydraulic stair option for greater comfort and convenience.



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### Operator Safety

Additional cab protection is available to optimise driver safety and visibility. The horizontal pipes outreach to the mast are also positioned at the bottom to guarantee a safe transition behind the mast for the driver.





## the art of working sideways

As a company we care about our product and our team; our staff turnover is incredibly low and we even have examples of third generation of the same families who work in our factory.

The very first service engineer we employed became our technical director before retiring.

Because we build machines to last, we value loyalty, longevity and experience very highly.

We have designed, developed and built sideloaders since 1969 in our factory in Cavaion, adding many buildings and updating our production process over the years.

For over five decades our goal has remained the same - to perfect *the art of working sideways*.

CAVAION SIDELOADERS   
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