

CATALOGUE

CONTAINER CARRIER TIPPER

BEYOND,
GO FURTHER
2026





YOUR PARTNER EVERY KILOMETRE

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THE BEGINNING OF A NEW ERA

Welcome to **Guillén Group**: the same company as always, now with a fully renewed image and philosophy.

Our core values remain unchanged: consistently delivering the highest quality, placing the customer at the centre of everything we do, and ensuring reliable warranty and service. However, the time has come to take the next step and adopt a more global mindset, supported by an image that reflects the quality of our products and our ambition for continued growth.

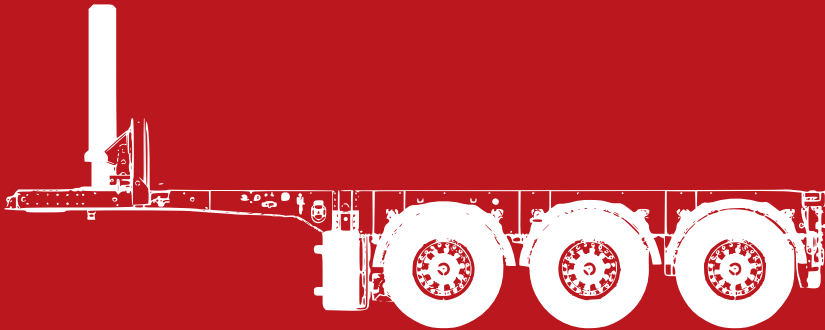
If you are looking for maximum quality and profitability for your logistics business, **we are your best solution.**



SOLUTIONS THAT GO BEYOND

KEY PARAMETERS:

- Optimised structure with a high-strength steel chassis.
- Reduced unladen weight, maximising payload capacity.
- High durability proven by technical studies and testing.
- Lower fuel consumption thanks to its efficient design.
- Capability to transport heavy loads safely and reliably.
- Modern design with a refined and functional aesthetic.





GOING BEYOND IN **DURABILITY**

At **Guillén Group**, we work with **state-of-the-art robotic welding systems** capable of ensuring **maximum precision and repeatability** in every joint. This advanced technology is combined with the expertise of our **highly skilled welders**, who oversee each process to guarantee a flawless finish.

In addition, the **G-130 curtain** is based on modern technology, specifically developed to deliver enhanced strength, reliability and durability in daily operation. A solution designed to meet the real demands of today's transport industry.

We have first-hand knowledge of the sector's challenges. That is why we are committed to innovative processes and high-grade materials that **reinforce the structural integrity of the semi-trailer** and deliver greater value to our customers.

HOT-DIP GALVANISED **PROTECTION**

On our chassis, we use **hot-dip galvanising** as an anti-corrosion protection method. This process ensures a **uniform coating**, even in the most difficult-to-reach areas, providing complete protection **against corrosion**.

The result is a chassis with **enhanced durability, strength and reliability**, **designed** to perform in the most demanding conditions.



RESEARCH AND DEVELOPMENT **INNOVATION**

At **Guillén Group**, quality and safety are fundamental pillars of the way we operate. Our focus on engineering, development and continuous improvement enables us to deliver reliable, efficient solutions designed to meet the real demands of today's transport industry.

We have a highly specialised technical team and advanced design and validation processes, where each product is developed and optimised through rigorous testing, calculations and controls. This data-driven approach allows us to introduce innovative solutions, continuously enhance our chassis and superstructures, and maintain robust structures without compromising on efficient, weight-optimised designs.

TESTING AND TRIALS

- Floor strength testing.
- Load measurement and distribution across all axles.
- Unladen mass measurement.
- Braking tests in unladen condition and at maximum load.
- Measurement and verification of front and rear underrun protection.
- Chassis stress testing.
- Chassis structural strength testing.
- Structural calculations using the FEM method.
- Fatigue testing.  **Durability Test**®



SEMI-TRAILER TIPPER

The PC 20 3ES Tipper combines structural strength and tipping functionality to deliver safe, agile and efficient performance in every unloading operation.

SEE MORE



VERSATILITY AND MODULARITY

We leverage synergies with our partners, applying the most advanced technologies to our semi-trailers, such as TailGuard and telematics systems.

In constant contact with the market and attentive to its needs, we continuously evolve our semi-trailers to meet the changing demands of the industry.

We develop innovative solutions such as the multi-lashing front beam with integrated lights.

We are firmly committed to innovation and development, with the aim of delivering the best results for our customers in terms of efficiency, safety, versatility and profitability.

QUALITY AND WARRANTY

Hot-dip galvanised chassis and rear pillars with a 10-year warranty.
Use of premium-brand components, ensuring safety and reliable European after-sales service support.

Proven durability and high resistance of our vehicles in regions with extreme climatic conditions.

Subject to the terms and conditions governing surface treatments by GDI, S.L.U.

The company reserves the right to amend any technical data contained herein without prior notice. Photographs may include optional equipment or accessories and should not be considered representative of a standard vehicle.

DESIGN AND TECHNOLOGY

Minimum tare weight, maximum strength (Maximum Technical Authorised Mass: 41,000 kg).

Simple, practical and user-friendly in operation.

A range of equipment options designed to meet the specific needs of each customer.



Telematics.



Tire Pilot.



Folding spare wheel carrier and folding side underrun protection

OPTIONAL EQUIPMENT
HIGHLIGHTS

We offer a wide range of optional equipment so you can configure your unit your way, tailored to your specific needs.



Water tank



Toolbox



Strobe lights



Kit Hidráulico.



Aluminium alloy wheels



PC TIPPER

DATOS TÉCNICOS

PLATFORM

CHASSIS

- Manufactured from high tensile strength steel.
- Flat skeletal chassis structure with 4 twist locks for the transport of 1 × 20' containers, adapted for a tipping lifting system.
- Front tipping ram, 5,420 mm in length, with 4 extensions to achieve a tipping angle of 47°, equipped with a safety valve (powered by PTO and hydraulic pump).
- Main beams with an overall height of 420 mm.
- Reinforced transverse cross members.
- 190 mm neck height in accordance with ISO 1726:1989.
- Front container guide stops.
- Without side underrun protection (UNECE Regulation 73R01).
- Maximum technical mass: 41,000 kg.

AXLES

- 3 SAF Intradisc axles, 9-tonne capacity, model B9-22 (standard).
- SAF-HOLLAND air suspension with Ø430 mm disc brakes.
- Axle spacing: 1,310 mm.
- Track width: 2,040 mm with ET-120 wheel offset.
- SAF bilateral pneumatic lift axle fitted to the front axle (1st axle), connected to the EBS system with automatic lowering according to load.
 - If only the front lift axle is specified, the turning circle requirements are not met; therefore, the lift axle is intended solely as a starting aid. Driving with the lift axle raised is not permitted.
- Operated via the tractor unit brake pedal.

PNEUMATIC SYSTEM / BRAKES

- Haldex brake callipers in accordance with UNECE Regulation 13R11.
- 5-position levelling valve (raise/lower) with Reset-to-Ride (Auto Reset) function.
- Standard EBS control system 2S/2M with sudden pressure loss protection and Roll Stability Support (RSS).
- EBS connection via ISO 7638 with power supplied through the brake light circuit.
- Pneumatic and electrical connection interfaces mounted on the front cross member.
- Spring-actuated parking brake (double diaphragm).
- Steel air tanks, 60 litres each, with a total capacity of 120 litres.
- Pressure test connection for inspection purpose

TYRES

- Neumáticos 385/65 R22'5 según reglamento UE 458/2011 sobre llanta de Acero ET-120 y tapones de rosca con logotipo:
- Goodyear KMAX T G2 164K
 - Rolling resistance: B
 - Wet grip: C

Bodywork certified in accordance with EN 12642 Code XL for a net payload of 27,000 kg.

MUDGUARDS

- Rounded, independent plastic mudguards.
- Anti-spray mudflaps with Guillén logo in accordance with EU Regulation 109/2011.
- Rear underrun protection skirt with Guillén logo

LANDING LEGS

- Rounded, independent plastic mudguards.
- Anti-spray mudflaps with Guillén logo in accordance with EU Regulation 109/2011.
- Rear underrun protection skirt with Guillén logo.

INCLUDED EQUIPMENT

- Fixed aluminium rear underrun protection with brackets bolted to the chassis, in accordance with UNECE Regulation 58R03.
- Stainless steel rear plate.
- Replaceable number plate bracket.
- 2 rear metal buffer stops, 420 mm.
- 2 thermoplastic fire extinguisher boxes mounted on the landing legs (fire extinguishers not included).
- Tyre Pressure and Temperature Monitoring System (TPMS) in accordance with Regulation 141, excluding the spare wheel.

DOCUMENTACIÓN

Electronic roadworthiness certificate (ITV).

Warranty certificate.

Certificate of Conformity (CoC)*.

ECMT Certificate (compliance with technical safety requirements).

ADR manufacturer certificate (dangerous goods).



PC 20 3ES TIPPER TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Approx. total weight (±3%)	3.900 Kg
Max. kingpin load	14.000/14.000 Kg
Max. axle group load	24.000/27.000 Kg
Max. total mass	38.000/41.000 Kg

Fifth wheel height	1.180 mm
Width	2.470 mm
Length	7.332 mm
Vehicle height	3.040 mm

*In accordance with EU Regulation 1230/2012

WEB GUILLÉN



Procesos de producción y
materiales respetuosos
con el medio ambiente.



THE **STRENGTH**
OF A **GROUP**

THE BEST **SOLUTIONS**
FOR **LOGISTICS**

BEYOND,
GO **FURTHER**

 **GUILLÉN** GROUP
Member of  **WIELTON**
GROUP

 **GUILLÉN** **G-Rental**
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SLOGAN

“Beyond, go Further