



CUSTOM SEATS & ARMRESTS ASSEMBLIES

*Simple Solutions.
Seamless Integration.*

YOUR TRUSTED RESOURCE

GS Global Resources is trusted by OEMs who demand a competitive advantage for every solution. From system and component design to production and market support, we help OEMs interpret, adapt, and adopt technology. Solving OEM challenges at the intersection of fluid power and electronic control, our customers profit from our continuous technology and innovation transfer.

PERFORMANCE

Access to the foremost machine performance resource trusted by OEMs ensuring a competitive advantage from every solution.

PROFITABILITY

Continuous technology and innovation transfer through a single point of accountability provides OEMs unmatched value.

PRAGMATIC

Problem solvers, renowned by our customers, we relentlessly pursue and develop fresh ideas to benefit OEMs.

TALENT

Rare technical talent, scalability, and flexibility, coupled with incomparable ability to understand and overcome OEM challenges.

CONFIDENCE

Support to help OEMs best integrate and utilize technology from system and component design to production and market support.

VALUE

An exceptional combination of speed to market, improved safety, higher productivity, greater predictability and unbeatable efficiency.

COMMITMENT

A comprehensive resource where the complex simplifies. Where peace of mind and mutual respect grow relationships. Where competitive advantage and machine performance improve—every time.



PERFECTING YOUR MACHINE'S PRIMARY TOUCHPOINT

Ergonomic Seats, With Seamlessly Integrated Custom Controls

When it comes to OEM needs, GS Global Resources is a consistent leader in efficiency and innovation. We maintain a collaborative partnership with OEMs through each step of the design process to ensure your custom solution meets your specific application and operator needs. Particularly in the case of seats and consoles, we keep operator needs at the forefront with ergonomic solutions that keep both comfort and efficiency as top priorities. Most importantly, we seamlessly integrate innovative controls from industry leading providers that are custom programmed and 100% tested to give OEMs a true plug and play solution.



WHAT WORKS FOR YOU

Compact Seat Assemblies

Because compact cabs should still have seat assemblies that are designed for maximum operator comfort and efficiency.

- Custom ergonomic armrests with efficient control layout
- Lifting armrests for easy entry & egress
- Highly adjustable for operator comfort
- Available with mechanical or air ride suspension
- Simplified cab installation



Full Assemblies with Integrated Displays, Switches, & Joysticks

Giving operators extensive control through multiple programmable touch points.

- Custom ergonomic armrests with efficient control layout
- Easily integrated switch panels & joystick assemblies
- Programmable displays with IQAN functionalities
- Up to 270-degree swivel rotation
- Highly adjustable for operator comfort
- Available with mechanical or air ride suspension
- Simplified cab installation



Utilizing A Post Pillars & Control Extensions



Create an ergonomic environment with industry leading electronics to give operators total control.

- Lifting armrests for easy entry & egress
- Highly adjustable for operator comfort
- Custom printed circuit board with push button encoders possible
- Integrated configurable joystick assembly
- Programmable touch screen display with IQAN functionalities
- Additional a post pillar controls to allow for total machine control while maintaining ergonomics
- Simplified cab installation

Robust Consoles and Armrests

Combine function and features, giving operators a little something extra.



- Easily adjustable to fit any operator size
- Extensive custom fiberglass consoles
- Programmable displays, attached and embedded, with IQAN functionalities
- Electric air ride suspension available
- Electric forward and backward adjustment
- Heating and cooling capabilities for operator comfort
- Operator amenities including USB ports, cup & phone holders, and Bluetooth

CUSTOM SEATS FOR CUSTOM NEEDS

Ergonomic Seats With Custom Controls Designed for Specific Applications and Environments

Operator environment is key to maximizing productivity and efficiency. While it may seem to be a one-size fits most feature, a well-thought-out seat design is crucial to the overall human machine interface (HMI). There are many important considerations when developing your seat assembly. At GS Global Resources, we have experience with variations and customizations of every aspect of a seat and its functionality. And we can ensure it meets your machine needs in every way.

Custom Controls

Keeping high-usage controls easily accessible is key, and that means understanding their prioritization when determining placement, and determining what type of control is appropriate for each function, such as custom switches, and displays. Controls must also be designed with their hydraulic foundation top of mind to ensure optimal machine functionality.

Adjustments & Suspension

Many applications require operators adjust their perspective during a job. Whether a seat needs to turn a full 360 degrees, or elevate the operator, many factors will determine how that process is set up, including the seat's suspension, adjustment controls, and more.

Armrest Assemblies & Consoles

Expanding your seat assembly past simple control integration can significantly expand functionality and increase efficiency. Developing CAN based pods attached to the seat or and full standalone consoles, with programmable displays, custom joysticks, full switch panels and more can give operators machine status and control at a glance.

Safety Considerations

Maintaining visibility and clear sight lines is essential when determining the Seat Index Point (SIP). You must also consider standard operator shifts to set environmental, operational, ergonomic, & safety features.

Comfort & Ergonomics

Aside from a seat's material, whether cloth, vinyl, or leather, its height, angle, and lumbar support all determine the operator's base level of comfort. Furthermore, maintaining optimal ergonomics and ensuring that controls are not out of reach, their application view requires no extraneous stretching, and countless other points, will allow an operator to be comfortable using the machine during lengthy shifts.



ABOUT GS GLOBAL RESOURCES

GS Global Resources is the foremost machine performance resource. We are trusted by the world's most recognizable OEMs who demand a competitive advantage from every solution. Our integrated application solutions perform for the life of the machine, and for the lives of the people who touch it.

From system and component design to production and market support, GS Global Resources helps OEMs interpret, adapt, and adopt technology.

Our leading engineering minds in hydraulic, electronic, mechanical and software applications simplify the complex. We use innovative & reliable technologies to speed solutions to market. Whether reacting to market forces or changing markets altogether, GS Global Resources is essential to achieving total machine performance.



CONTACT

Please visit GSGlobalResources.com or contact us directly for more information. Our dedicated team of long-term, invested employees look forward to working with you.

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