TECHNICAL DATA SHEET



ERGONOMIC SUPPORT FOR LONG-DURATION CRANE OPERATION

OPERATOR SEAT

E-CRANE® QUILIBRIUM

BE-GE 3700.19

Tis model is a high-quality operator seat used in E-Crane operator cabins. Designed for demanding industrial environments and long working shifts, it combines heavy-duty air suspension, operator-specific adjustment and integrated ventilation in a stable, ergonomic seating platform.

SELECTED FOR THE E-CRANE OPERATOR ENVIRONMENT

The seat is integrated with the E-Crane control arrangement. Electrical crane-control joysticks are positioned beside the operator, keeping the principal controls comfortably within reach and supporting a natural operating posture throughout the shift.

Its extra-low built profile combines the upper seat unit with the robust 1919 suspension unit.
This allows the operator seat and crane controls to form a compact, stable assembly within the cabin.





AIR SUSPENSION AND STABILITY

The seat uses an air-suspended scissor mechanism with interconnected pendulum-arm technology. The suspension **can be adjusted according to operator weight**, helping isolate the operator from shocks and vibration while maintaining stable seat movement.

The suspension system has a lifting capacity for an occupant weight of up to 210 kg. This capacity, together with the robust suspension package, makes the seat **suitable for demanding machine applications and prolonged daily use**.

OPERATOR COMFORT AND ADJUSTMENT

The E-Crane seat configuration combines cushioning, ergonomic support and integrated seat ventilation. Adjustment possibilities allow the seating position to be adapted to different operators.

- **Air suspension adjustable to operator weight**
- **Integrated seat ventilation**
- **Mechanical seat tilt adjustment**
- **Pneumatic lumbar support**
- **Adjustable seat-cushion length**
- **Fore-and-aft adjustment by slide rails**
- **Ergonomic back and seat cushioning**

Together, these functions help the operator establish a supported seating position and maintain comfort during long crane-operating periods.

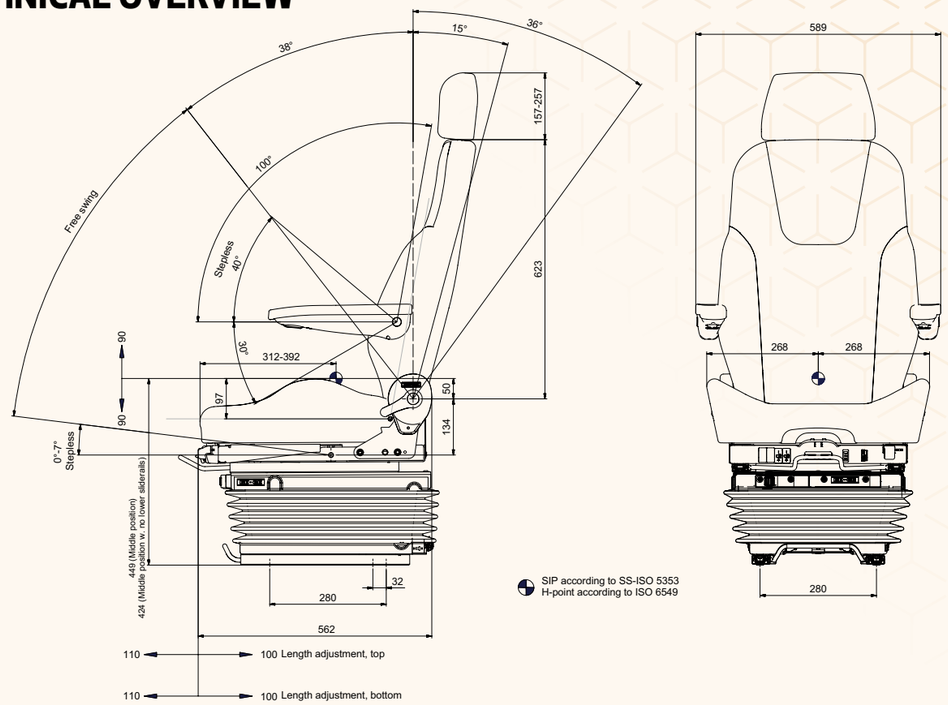
CONTROL INTEGRATION BESIDE THE OPERATOR

The seat design allows armrests and machine controls to be fitted between the upper and lower seat units. Within the E-Crane operator environment, the electrical joysticks are arranged beside the operator s**o the main crane functions can be controlled comfortably from the seat**.

This integrated arrangement reduces unnecessary reaching and **ensures a consistent relationship between the operator, seat and controls across E-Crane operator cabins**.



TECHNICAL OVERVIEW



Specification	Operator Seat
Seat brand	BE-GE
Seat model	3700.19 Series
Seat type	Heavy-duty operator seat
Suspension	Heavy-duty air suspension
Suspension unit	BE-GE 1919
Occupant capacity	Up to 210 kg
Adjustable backrest	Quick release back adjustment
Backrest height	640 mm
Lumbar support	Pneumatic
Seat tilt	Mechanical tilt adjustment of seat cushion 0° to +7°
Seat-cushion length	Adjustable
Slide rails	210 mm
Seat-cushion heating and ventilation (optional)	Integrated in E-Crane configuration
Seat belts (optional)	2-, 3-, 4-point belt available
Cabin application	E-Crane operator cabins







ROBUST DESIGN FOR DEMANDING OPERATION

The seat is developed for machines operating in arduous environments. Its reinforced suspension concept and broad adjustment range are intended to support reliable daily operation and operator comfort over long shifts, making this seat the perfect match for E-Crane.

STANDARD E-CRANE SEAT CONFIGURATION

Within the Galaxy and Galaxy+ cabins, **the seat provides the following key functions:**

- **Heavy-duty air suspension**
- **Suspension adjustment according to operator weight**
- **Integrated seat ventilation and heating**
- **Ergonomic/supportive seat cushioning**
- **Ergonomic adjustment for different operators**
- **Integration with the E-Crane joystick and control arrangement**

Additional BE-GE accessories and configurations may be available depending on project requirements. Any project-specific equipment should be confirmed in the applicable E-Crane technical specification.





BUILT TO MEET INDUSTRY STANDARDS *

Designed with safety and compliance in mind, the operator seat meets a comprehensive range of recognized international standards for operator protection and restraint systems.

- **ISO 6683**
- **ISO 7096:2000**
- **SAE J386 (2-point belt)**
- **SAE J2292 (3-, 4-point belt)**
- **EM 1, 3, 4, 5, 6, 8**
- **EN 13490:2001**
- **IT 2, 3**
- **FMVSS 302**
- **ISO 3795**

*To fulfil certain standards, specific options are required.