

## Ergoseat-H

The Ergoseat-H is developed for crane operators who almost continuously are looking downwards. For this particular situation the ISO 11226 standard dictates that a full trunk support is necessary to prevent lower back and neck problems.

The Ergoseat-H provides a full trunk support designed for males and females worldwide.

The principal is based on supporting the upper body by resting both arms on the fully adjustable armrests. The perfect positioning, in combination with finger operated joysticks and controls create the ergonomic optimum in Man Machine interface.

The Ergoseat-H has to be mounted directly to the roof of the cabin. Unnecessary movements via the cabin walls and floor will be reduced and the design of the bottom of the cabin will be optimized due to the missing seat foundation and wiring.

### Specification

- Fully adjustable, designed for male and female worldwide (P95); maximum weight 150 kg.
- V-cut for optimum visibility.
- Provided with headrest and 2 point safety-belt.
- Covered with blue overlay.
- Power supply 24V, 10A, for height adjustment and suspension to supply by others.
- Both consoles are provided with integrated connector and wiring (6 mtr.) for analogue signals.
- Weight 135 kg.
- Packing dimensions 1000 x 1000 x 1500 mm.



philosophy



research



### Adjustments

- *Complete arrangement*  
Up and down (electrically)  
Weight control / suspension (electrically / pneumatically)
- *Seat (cushion, backrest and headrest)*  
Forward / backward and tilt (manual)
- *Seat cushion*  
Forward / backward (manual)
- *Backrest*  
Height, inclination and lumbar support (manual)
- *Headrest*  
Height
- *Consoles*  
Height, forward / backward and turn around (manual, all by one lever)  
Inclination (manual)
- *Arm-cushion*  
Turn front part and shift complete cushion

### Options

- *Hinged panel*  
Adjustable bracket and housing for a touch or hard wired panel, connected to the sliding rail of the consoles. Position compared to the joysticks. Limited wiring / cabling because of integration through the seat.

- *Rotation table*  
Rotation table, angle max 160 degrees, provided with an automatic positive locking in front position and manual unlocking system. Limited wiring / cabling possible because of space / height.
- *Pre-drilled top and text plates*  
Pre-drilled and high quality top and text plates in black or white. Task analysis recommended to design the optimal ergonomic layout.
- *Pre-wired top plates*  
Pre-wired top plates, ex components.
- *4-Point safety belt*
- *Merford Dynamic Seat*  
Rotative Continuous Passive Motion System
- *Training*  
Local training of the operators to get the optimal result on your investment. Step by step this training increases the value of the product by making the user of the product conscious of the advantages of using the product correctly. Besides the actual training we will hand over DVD's and some hard-cover instructions.

view lines



reality



reality

