

MFK Control stations

Optimal for small cabins.



MFK-MFA



MFK-JB

This new series of control stations combines modern dynamic design, functionality and economic efficiency. It doesn't only impress with its optics with special colouring, but also with the construction of the structural parts made of metal.

Standard layouts are available for arranging the control devices in the Multifunctional armrest MFA and the Joystickbox JB. On request we offer layouts adapted to the respective application.

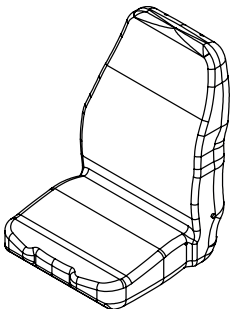
Optionally, the joystickbox is available with a hand rest for precise work or powder coated with a customer-specific colour, with or without a logo. The joystickbox is mounted on the seat via an adjustable armrest. The adjustment options ensure ergonomic, fatigue-free and comfortable working.

Cables are routed in a plastic hose from the MFA or joystickbox to the base.

Line-up:

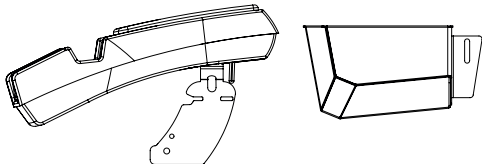
Seats

Sheet Si-S722
Si-S210
Si-S210Y



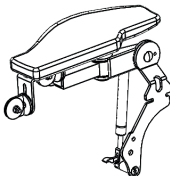
Multifunctional armrest/
Joystickbox

Sheet S-MFK-4/8



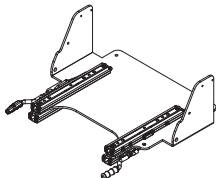
Attachment of Joystickbox

Sheet S-MFK-5/8



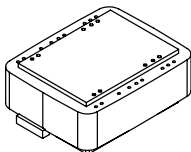
Longitudinal adjustment

Sheet S-MFK-5/8



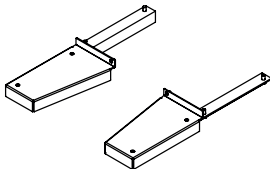
Seat substructure

Sheet S-MFK-6/8



Footrest

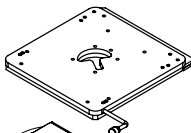
Sheet S-MFK-8/8



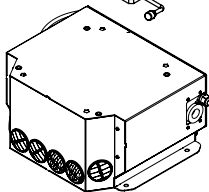
Base

Sheet S-MFK-7/8

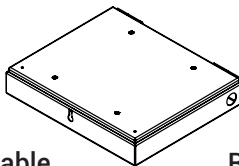
Rotary plate



Console



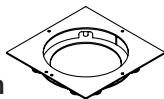
Bridge



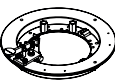
Non rotatable

Rotatable

non
rotatable
foot



Turntable



Foot



Multifunctional armrest/
Joystickbox

Multifunctional armrest MFA

Version for left and right side
outside plastic, upper part RAL 7047 tele grey, lower part RAL 7016 Antracite grey,
internal metal support frame,
Metal insert plate, powder-coated RAL 7016 Antracite grey with layout for 1x joystick + 3x bore 22,5 mm
Gel cushion for armrest
Flange plate for direct side mounting on the left or right of seat S722 or on longitudinal adjustment modules (see 5/9)
Adjustment options:
Stepless tilt adjustment $\pm 10^\circ$
Can be folded up vertically (quick entry, quick exit)

MFA-L

Left version

MFA-R

Right version

Customized colouring

Customized layouts insert plates

Adapters for customized seats

Joystickbox JB

Housing sizes JB-1 and JB-2 as standard, further versions on request,
symmetrical housing, can be used for the left and right-hand side,
Adapters for attaching joystickbox to adjustable armrest VA (see S-MFK-5/9), adapters with height adjustment option for ad-justing handle height joystick to armrest height:

Adapter 120: Height difference 83 mm, adjustment height ± 12 mm

Adapter 80: Height difference 42,5 mm, adjustment height ± 12 mm

(Height difference = top of armrest to top of joystick box)

Colouring: RAL7047 tele grey 4 / RAL 7016 Antracite grey

JB-1

Dimensions approx. 135 x 130 x 120 mm (LxWxD)

Drillings for 1x joystick

Adapter 1 or 2

JB-2

Dimensions approx. 192 x 130 x 120 mm (LxWxD)

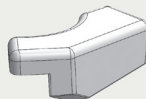
Drillings for 1x joystick + maximum 6x drillings 16,2 mm

Adapter 1 or 2

Options

Hand rest

For easy and ergonomic operation of the joystick with thumb and forefinger.



Customized colouring

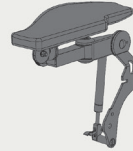
Customized Logo

Option joystickbox,
Longitudinal adjustment

Option Joystickbox

VA adjustable armrest

For mounting a joystickbox on seat S722. With many adjustments for maximum ergonomics and fatigue-free, comfortable work.



Longitudinal adjustments

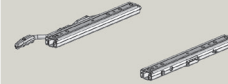
In combination with seat S722 (seat see Si-S722-x)

Pair of rails SM11618-L for length adjustment:

Adjustment:

Seat upper part S722 together with MFA or JB + VA with regard to seat substructure, adjustment range max. ± 100 mm,

Installation between seat upper part and seat substructure



Modules for 2 independent longitudinal adjustment options:

Adjustment:

Seat upper part S722 together with MFA or JB + VA with regard to seat substructure, adjustment range max. ± 100 mm,

Seat upper part S722 with regard to MFA or JB + VA,

Adjustment range max. ± 100 mm,

Installation between seat upper part and seat substructure.

Version LR (PTS70A + SM11618-L):

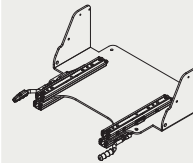
for mounting MFA or JB + VA left and right

Version R (PTS70B + SM11618-L):

for mounting MFA or JB + VA on the right

Version L (PTS70C + SM11618-L):

for mounting MFA or JB + VA on the left



Picture:
Example version LR

In combination with seat S210, S210Y (see Si-210-xx, Si-210Y-xx)

Modules for longitudinal adjustment:

Adjustment:

Seat upper part together with MFA or JB + VA regarding seat substructure,

Adjustment range max. ± 100 mm,

Installation between seat upper part and seat substructure.

Version LR (PTS70A):

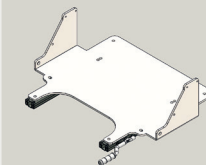
for mounting MFA or JB + VA left and right

Version R (PTS70B):

for mounting MFA or JB + VA on the right

Version L (PTS70C):

for mounting MFA or JB + VA on the left



Picture:
Example version LR

Modules for 2 independent longitudinal adjustment:

Adjustment:

Seat upper part together with MFA or JB + VA with regard to seat substructure, adjustment range max. ± 100 mm,

Seat upper part with regard to MFA or JB + VA,

Adjustment range max. ± 100 mm,

Installation between seat upper part and seat substructure.

Version LR (PTS70A + FSMMD029-A + SM11618-L):

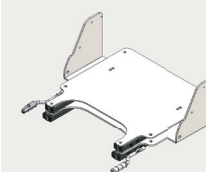
for mounting MFA or JB + VA left and right

Version R (PTS70B + FSMMD029-A + SM11618-L):

for mounting MFA or JB + VA on the right

Version L (PTS70C + FSMMD029-A + SM11618-L):

for mounting MFA or JB + VA on the left



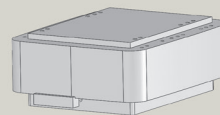
Picture:
Example version LR

Seat substructure: Suspension/
height-tilt adjustments

Mechanical suspensions:

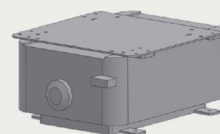
FV

Mechanical suspension with 4-level height adjustment



HFN

Mechanical suspension with height / tilt adjustment

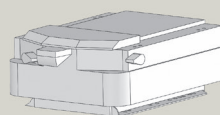


Pneumatic suspension:

P12

Pneumatic suspension with integrated compressor

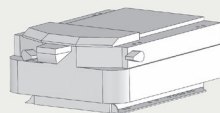
Connection data: 12 VDC 9 A 108 W



P24

Pneumatic suspension with integrated compressor

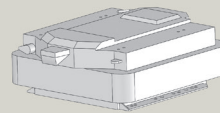
Connection data: 24 VDC 7,5 A 180 W



PF24

Increased pneumatic suspension with integrated compressor

Connection data: 24 VDC 7,5 A 180 W

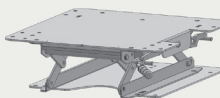


Height-/ tilt adjustments:

SHN03N

Mechanical height / tilt adjustment

Height adjustment max. 60mm



SHN08A

Electric height/tilt/length adjustment,

Height adjustment max.50 mm

Connection data: 12 V, operation max. 10 A, stop 13 A

Controls in the leftside console



Only in combination with console support systems
PTS10, PTS20, PTS30 and footrest mounted on base.

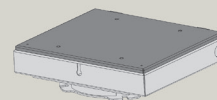
In addition to a suspension

Without suspension with seat extension 60 mm

Base, Options for base, Heating

Base FSA019-3I

Consisting of a bridge 540x450x95 mm (WxDxH) with foldable lid and a non-rotatable foot, lid with drillings for seat substructure acc. to sheet 7/9, powder-coated RAL 9011 Graphite black



Options for base FSA019-3I:

Rotary devices

- non-rotating foot not applicable, for this turntable and foot
- Maximum rotation range 270
- turntable and base powder coated RAL 9011 Graphite black

Mechanical rotary movements:

Versions with eccentric brake for stepless locking:

Stops at 90° left and 180° right, others on request

Version with standard turntable

Version with precision turntable for increased requirements

Versions with notches:

With 4 locking blocks: 1x each at 90° left, 0°, 90° right, 180° right, others on request

Version with standard turntable

Version with precision turntable for increased requirements

Options:

Reinforced notch

Emergency release from rear (only possible with notches)

Reinforced notch and emergency release from behind

Electric rotary movement:

With electric motor 24 VDC, selector switch in left side console MFA or JB

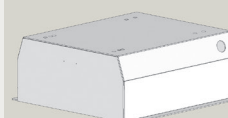
Locking by means of eccentric brake

Bridge 120 mm high

Version with precision turntable for increased requirements

Console FSK025A

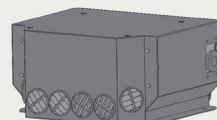
Made of metal, powder-coated RAL 9011 Graphite black,
Cover removable at the back



Console with integrated heating H4K

Metal, powder-coated RAL 9011 Graphite black,
Control unit in the right side console, control system wired,
Adjustments:

stepless fan control, stepless temperature setting, automatic
function, defroster level

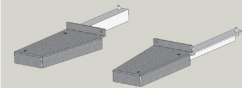
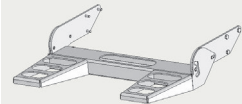
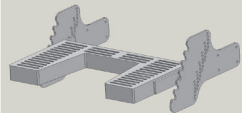
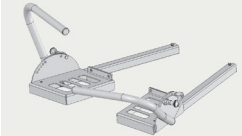
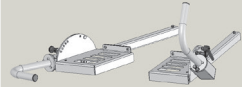


Options for console FSK025A, H4K

Turntable with release lever left or right,

Installation between the base and seat base

Rotation angle: 90 ° left - 90 ° right, detent at 0 °

Footrests		
In combination with base FSA019-3I		
FA29 2-part footrest		
FA03 3-level height-adjustable footrest		
FA41 Height and tilt adjustable footrest		
FA05 2-part footrest with tilting bull horns		
FA15 2-part footrest with tilt and fold-away bull horns		

Inserts, wiring	
Inserts/wiring	
Joysticks	
Control devices	
Wiring	

