

Human-Machine Interface

Introduction

➤ The **Spacial S3CM offer** for human-machine dialogue consists of:

- control enclosures
- a box-keyboard
- a system of arms and joints fixed or rotating
- accessories.

The global dialogue system combines robustness with aesthetics and ergonomics.



Human-Machine Interface Solutions

PB500433-33



Robust

- 2 tube sizes in extruded steel, 50 and 80 mm square, thickness 40/10° mm.
- Top wall reinforced by a plate with a thickness of 30/10° mm.

PB500418-29



Aesthetics

- Extruded aluminium rail frame.
- RAL 7040 paint: frame.
- RAL 7035 paint: enclosure.
- Customisation to your image or the aesthetics of your machine: consult us.

PB500446-37



Ergonomics

Frame designed for handling the enclosure and facilitating the usage by the operator.

PB500439-21



Easy

Easy access to the equipment by a rear door, opening to 120°.

- Direct installation of accessories on the enclosure frame rail:
 - vertical document support,
 - keyboard support,
 - laptop computer support.
- A box-keyboard is installed directly on the enclosure.

PB500300



Flexibility

Rotation through 170°; complete range of joints, fixed or rotating.

This range can be configured according to your needs

4 different services available:



Assemble to order



Mounting of standard accessories



Painting



Machining

See page 482 for details or consult our web site www.schneider-electric.com

Human-Machine Interface Introduction

Every model is suitable for tubes with a square section of:

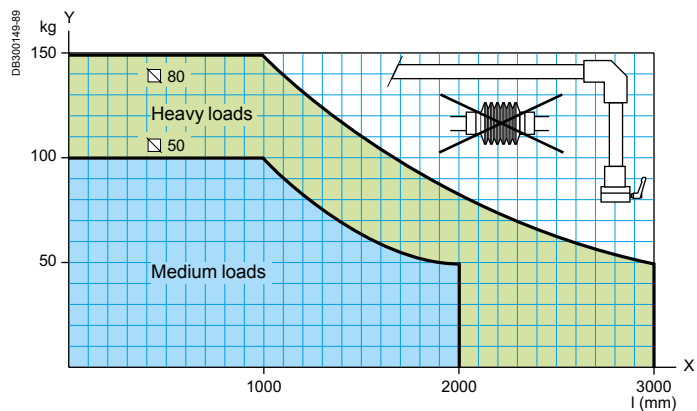
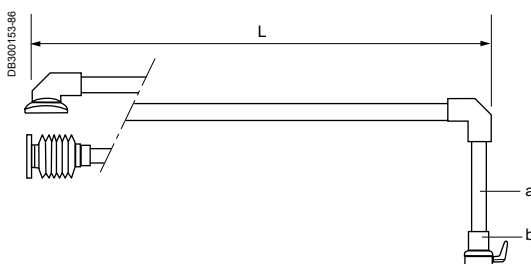
- 50 mm for medium loads,
- 80 mm for heavy loads

(see selection table on page 452).

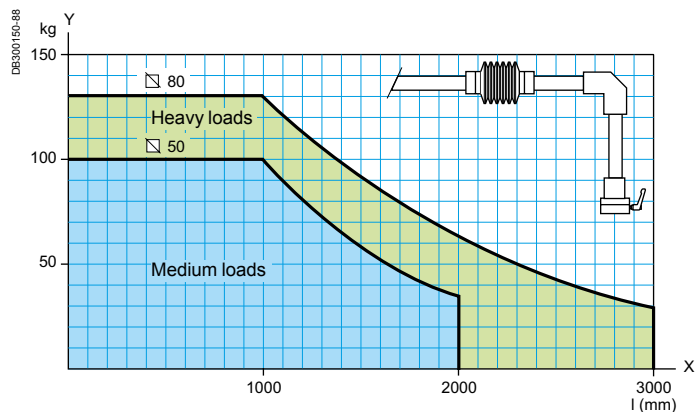
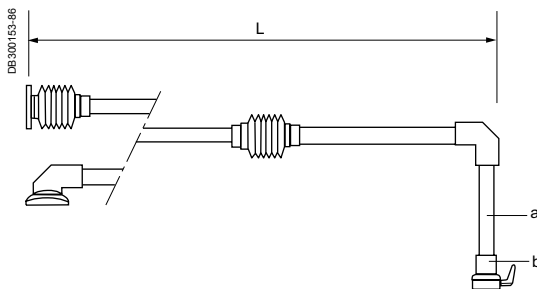
Steps to choose the suspension system (medium or heavy loads)

- 1 - Define the total load of the system*: a + b + enclosure + installed equipment (Y axis).
- 2 - Define the length of arm L (X axe).
- 3 - Define the configuration:

■ Suspension system **without** intermediate joint.



■ Suspension system **with** intermediate joint.



* The load (a + b + enclosure + installed equipment) must be less than the maximum load.

★ Example

- 1 - Total load (kg) = 80 kg.
- 2 - Length (L) = 1200 mm.
- 3 - Suspension system without intermediate joint.

Recommended system
 > Medium loads □ 50.

