

## LIBRA H7 APPLICATIONS: SCREW FIXING and DOWEL FIXING WITH OPTIONAL ALUMINIUM BARS

### BENEFITS OF LIBRA H7 HANGING SYSTEM:

- Vertical and in-depth adjustments as well as the locking of the cabinet, can be easily and smoothly carried out from the inside.
- The hanging system is never interfering with the slides for drawers thanks to the slim side bracket wings.
- Absolutely no mills, nor grooves required on the side panels.

In the **current absence of a unifying European norm** which sets the standards for testing procedures aimed at defining capacity loadings of hanging systems conceived for suspended base units, we Italiana Ferramenta have simulated some of the most critical scenarios. The following simulations are meant to give our customers valid reference points concerning cabinet dimensions, weights, recommended loading capacity even when loaded drawers are opened.

**The reported data, empirically obtained, exclusively refer to the constructions and examples shown, correctly positioned and assembled by using WP5 wall plate.**

The customer must ensure that the wall is of suitable quality and structure.

Other important factors to be taken into consideration are determined by:

- the type of side panel, the actual thickness and the material used.
- the type and dimensions of the screws used.
- the actual positioning, depth and width of the groove milled for the back side installation.
- the capacity loading of the drawer slides used as well as the actual construction of the drawer.

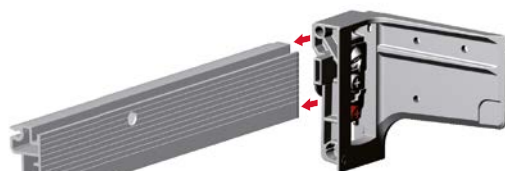
We always recommend to test a complete cabinet.

**For cases which differ from the ones reported, please contact us.**

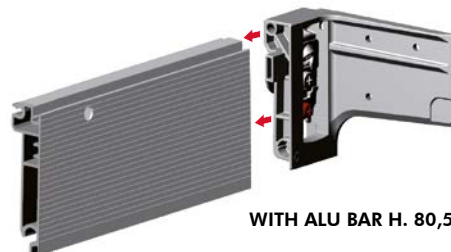
### LIBRA H7 SCREW FIXING



### LIBRA H7 DOWEL FIXING

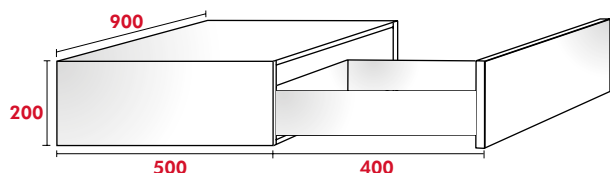



WITH ALU BAR H. 40,2



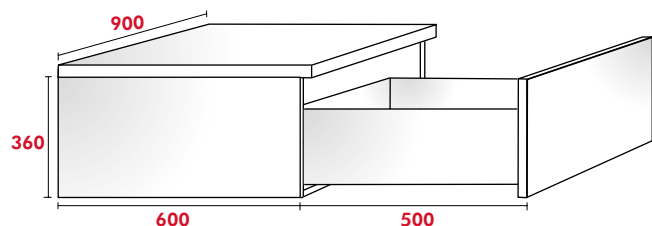
WITH ALU BAR H. 80,5


### LIBRA WP5



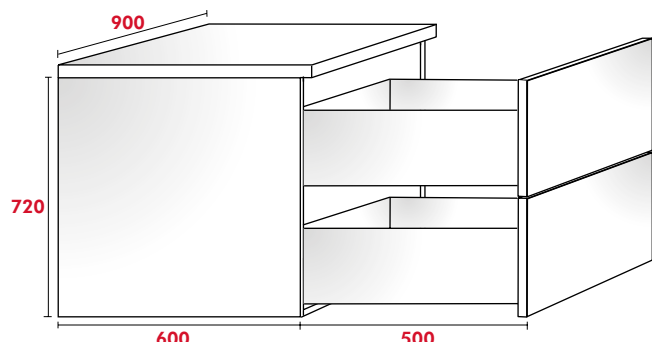
CAPACITY LOADING 			
LIBRA H7 AND CABINET WITH STRUCTURAL TOP		FURNITURE TYPE	LIBRA H7 DOWEL FIXING AND ALU BAR H 40,2 WITH 2 EXTRA HANGING POINTS
SCREW FIXING	DOWEL FIXING		
120 Kg	120 Kg	Cabinet	160 Kg
80 Kg + 30 Kg	80 Kg + 30 Kg	Cabinet + drawer	120 Kg + 30 Kg


The reported data, empirically obtained, exclusively refer to the constructions and examples shown, correctly positioned and assembled by using WP5 wall plate.



CAPACITY LOADING 			
LIBRA H7 AND CABINET WITH STRUCTURAL TOP		FURNITURE TYPE	LIBRA H7 DOWEL FIXING AND ALU BAR H 40,2 WITH 2 EXTRA HANGING POINTS
SCREW FIXING	DOWEL FIXING		
160 Kg	150 Kg	Cabinet	180 Kg
120 Kg + 30 Kg	110 Kg + 30 Kg	Cabinet + drawer	140 Kg + 30 Kg

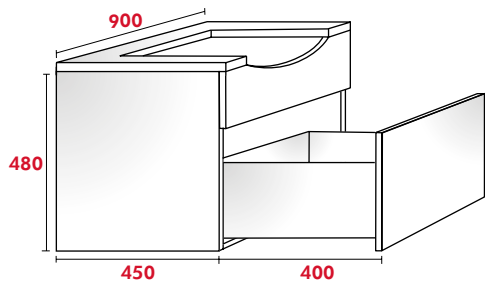
The reported data, empirically obtained, exclusively refer to the constructions and examples shown, correctly positioned and assembled by using WP5 wall plate.




CAPACITY LOADING 			
LIBRA H7 AND CABINET WITH STRUCTURAL TOP		FURNITURE TYPE	LIBRA H7 DOWEL FIXING AND ALU BAR H 40,2 WITH 2 EXTRA HANGING POINTS
SCREW FIXING	DOWEL FIXING		
200 Kg	170 Kg	Cabinet	210 Kg
130 Kg + 60 Kg	100 Kg + 60 Kg	Cabinet + drawer	140 Kg + 2 x 30 Kg

The reported data, empirically obtained, exclusively refer to the constructions and examples shown, correctly positioned and assembled by using WP5 wall plate.

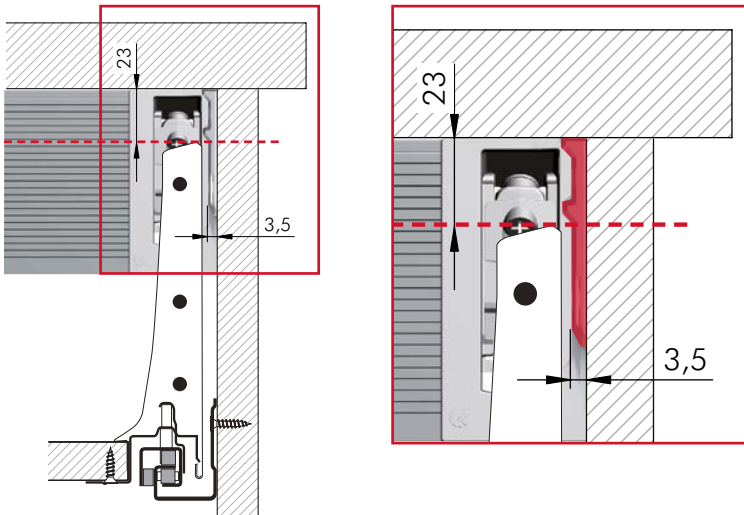
# HANGERS



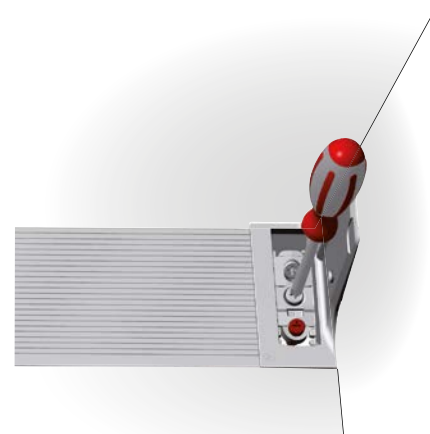
CAPACITY LOADING 			
LIBRA H7 AND CABINET WITH STRUCTURAL TOP		FURNITURE TYPE	LIBRA H7 DOWEL FIXING AND ALU BAR H 40,2 WITH 2 EXTRA HANGING POINTS
SCREW FIXING	DOWEL FIXING		
200 Kg	170 Kg	Cabinet	210 Kg
160 Kg + 30 Kg	130 Kg + 30 Kg	Cabinet + drawer	170 Kg + 30 Kg

The reported data, empirically obtained, exclusively refer to the constructions and examples shown, correctly positioned and assembled by using WP5 wall plate.

The hanging system is never interfering with the slides for drawers thanks to the slim side bracket wings.



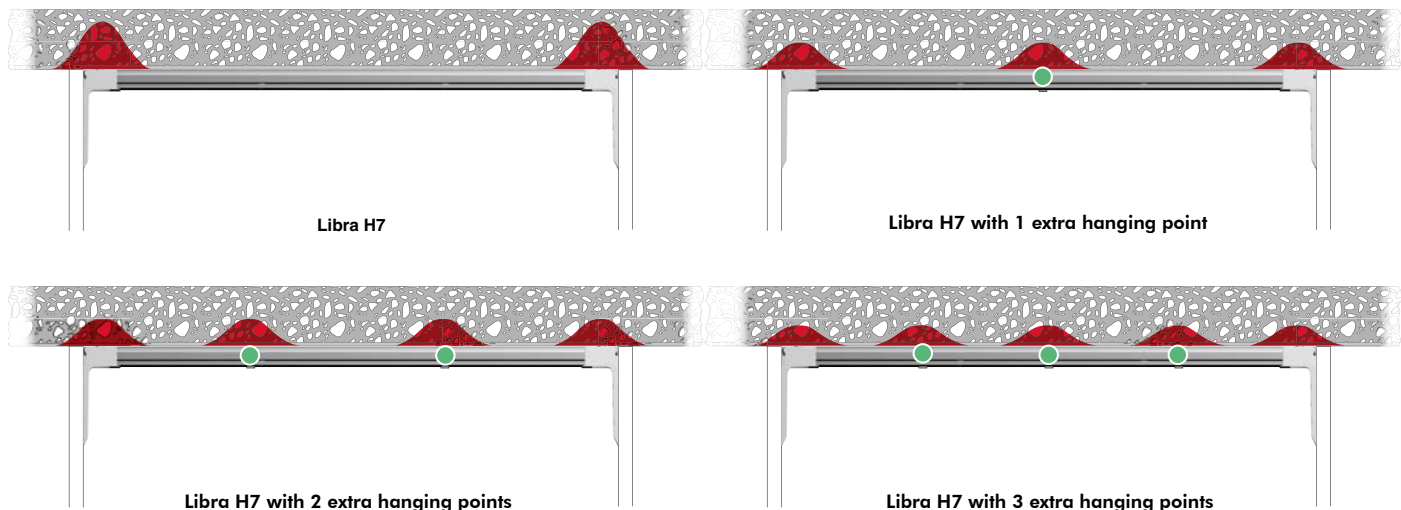
Easy access to the adjustments



The slim side bracket makes the use of tools very easy and comfortable as there is plenty of space between the side and the screwdriver.

 = STRESS INTENSITY LEVEL ON THE WALL

By adding extra hanging points on the aluminium bar, the capacity loading is more evenly distributed, thus sensibly reducing the stress intensity level on the wall.



## LIBRA H7 and LIBRA CH APPLICATIONS

### BENEFITS OF LIBRA H7 AND LIBRA CH HANGING SYSTEMS:

- Vertical and in-depth adjustments, as well as the locking of the cabinet, can be easily and smoothly carried out from the inside.
- The hanging system is never interfering with the slides for drawers thanks to the slim side bracket wings.
- Absolutely no mills or grooves required on the side panels.

In the **current absence of a unifying European norm** which sets the standards for testing procedures aimed at defining capacity loadings of hanging systems conceived for suspended base units, we Italiana Ferramenta have simulated some of the most critical scenarios.

The following simulations are meant to give our customers valid reference points concerning cabinet dimensions, weights, recommended loading capacity even when loaded drawers are opened.

**The reported data, empirically obtained, exclusively refer to the constructions and examples shown, correctly positioned and assembled by using WP5 wall plate.**

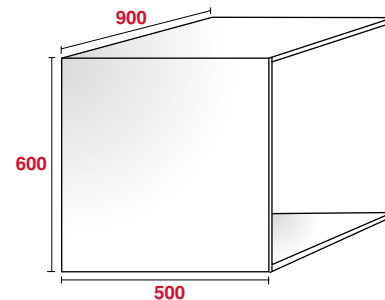
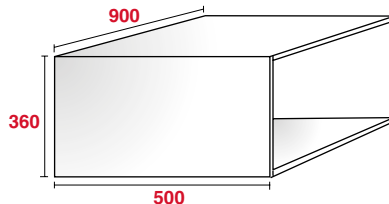
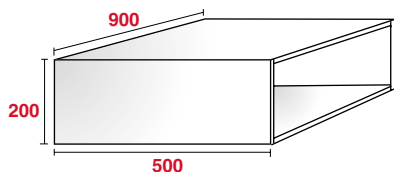
The customer must ensure that the wall is of suitable quality and structure.


Other important factors to be taken into consideration are determined by:


- the type of side panel, the actual thickness and the material used concerning the screw fixing.
- the type and dimensions of the screws used.
- the actual positioning, depth and width of the groove milled for the back side installation.
- the capacity loading of the drawer slides used as well as the actual construction of the drawer.


We always recommend to test a complete cabinet.

**For cases which differ from the ones reported, please contact us.**



FURNITURE TYPE	CAPACITY LOADING 	
	LIBRA H7	LIBRA H7 + 1 LIBRA CH
Cabinet	120 Kg	130 Kg
Cabinet + drawer	80 Kg + 30 Kg	120 Kg + 30 Kg

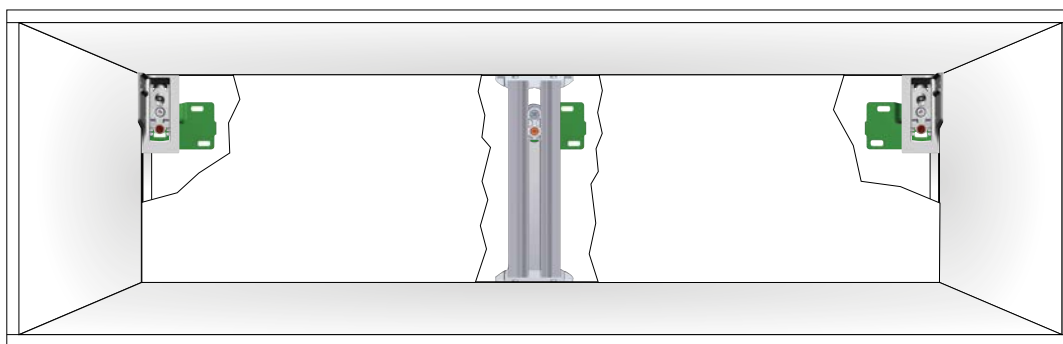
FURNITURE TYPE	CAPACITY LOADING 	
	LIBRA H7	LIBRA H7 + 1 LIBRA CH
Cabinet	180 Kg	230 Kg
Cabinet + drawer	150 Kg + 30 Kg	180 Kg + 30 Kg

FURNITURE TYPE	CAPACITY LOADING 	
	LIBRA H7	LIBRA H7 + 1 LIBRA CH
Cabinet	200 Kg	230 Kg
Cabinet + drawer	170 Kg + 30 Kg	170 Kg + 50 Kg

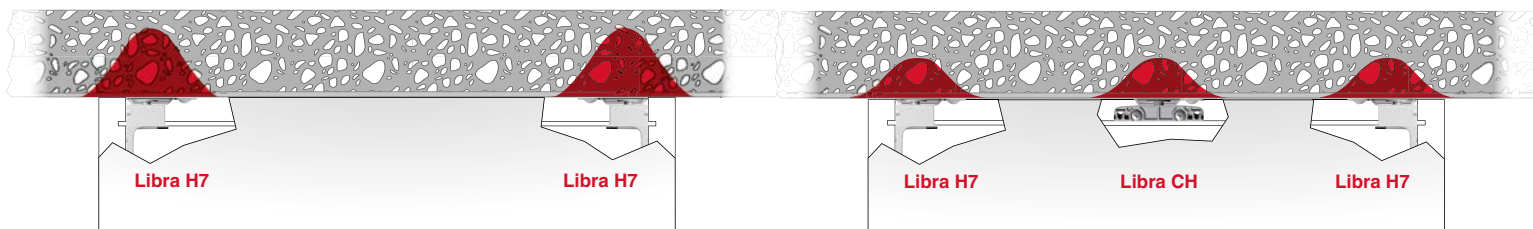
The reported data, empirically obtained, exclusively refer to the constructions and examples shown, correctly positioned and assembled by using WP5 wall plate.

LIBRA H7

LIBRA CH



 = STRESS INTENSITY LEVEL ON THE WALL



For details refer to sections:

- LIBRA H7 SCREW FIXING (to be used without aluminium bar)
- LIBRA H7 DOWEL FIXING (to be used without aluminium bar).
- LIBRA CH

By adding Libra CH to Libra H7, the capacity loading is more evenly distributed, thus sensibly reducing the stress intensity level on the wall.

## DEMONSTRATION SCHEME : WHERE AND HOW TO USE LIBRA H7 AND LIBRA CH

