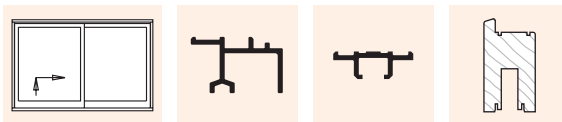


# HS-PORTAL 400

Lift and Slide fittings for timber doors  
with guide rail HH0130-01/-02 or KH0130-01



## ... with the following benefits:

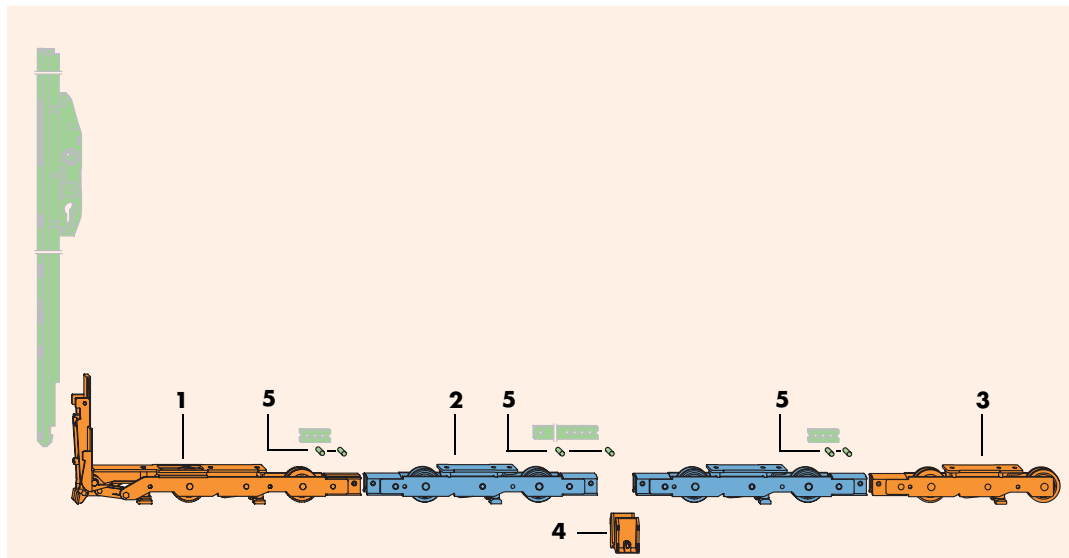
- well thought out hardware kinematics that will effortlessly lift a 400 kg sash
- uniform distribution of the sash weight over 8 ball bearing rollers
- can be used for functional glazing

## Size range

Sash width	(mm)	1370 to 3335
Sash height (Sliding sash) with guide rail HH 0130-01/-02	(mm)	1175 to 2675
Sash height (Sliding sash) with guide rail KH 0130-01	(mm)	1190 to 2690
Outer frame width	Scheme A and D	2770 to 6700
	Scheme G and H	4047 to 9987
	Scheme G-2	4125 to 10020
	Scheme C and F (Variant1)	5412 to 13332
	Scheme C and F (Variant 2)	5420 to 13340
	Scheme K	5415 to 13336
Sash weight	(kg)	<b>max. 400</b>

## Supplement to the Installation Instructions:

- HSgb1053 Scheme A with Guide Rail HH0130-01/-02  
 HSde1045 Threshold and frame corner connection HH7642-06  
 HSgb1054 Scheme A with Guide Rail KH0130-01



Ref.	Qty.	Description	Material No.
	<b>1</b>	<b>Basic Carton HS-400 H TS<sup>1)</sup></b> <i>comprising:</i>	<b>PMKB0010-100010</b>
Always required	1	Corner drive VSU HS TS	PEUB0010-100010
	2	Bogie M HS TS	PLVB0010-100010
	3	Bogie HS TS	PLVB0020-100010
	4	Bottom guide	821435
	5	Dowel pin 6 x 16	823132

1) In place of Basic Carton HS-300 H TS; for the rest of the hardware fittings see pertinent Installation Instructions

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Installation Instruction  
HSgb1043

## HS-PORTAL 400 Assembly of the components

### N.B.

To ensure the load is taken safely:

- Use a type of timber with a gross density as high as possible
- Use suitable supporting blocks with a high compressive stability and large support faces
- Position the supporting blocks precisely above the bogie housings
- Mark the position of the supporting blocks when fitting the corner drive and bogie in the glass rebate, for later fitting of the pane of glass
- Provide compression proof support for the threshold every 500 mm

Other details as *Installation Instruction HSgb1053 or HSgb1054*

