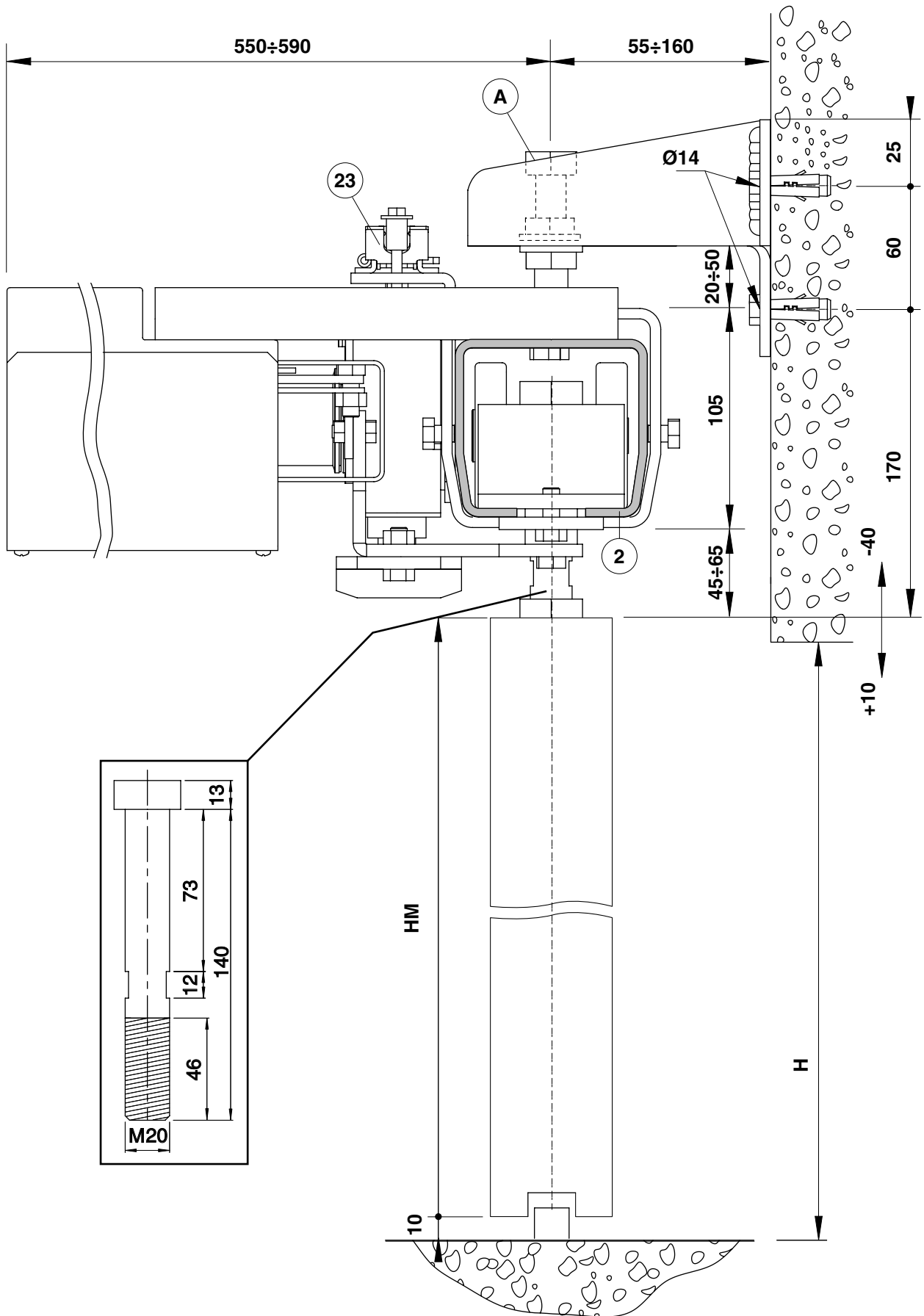


**OVER60H  
(Horizontal)**



**Fig. 7**

# Over60H horizontal assembly

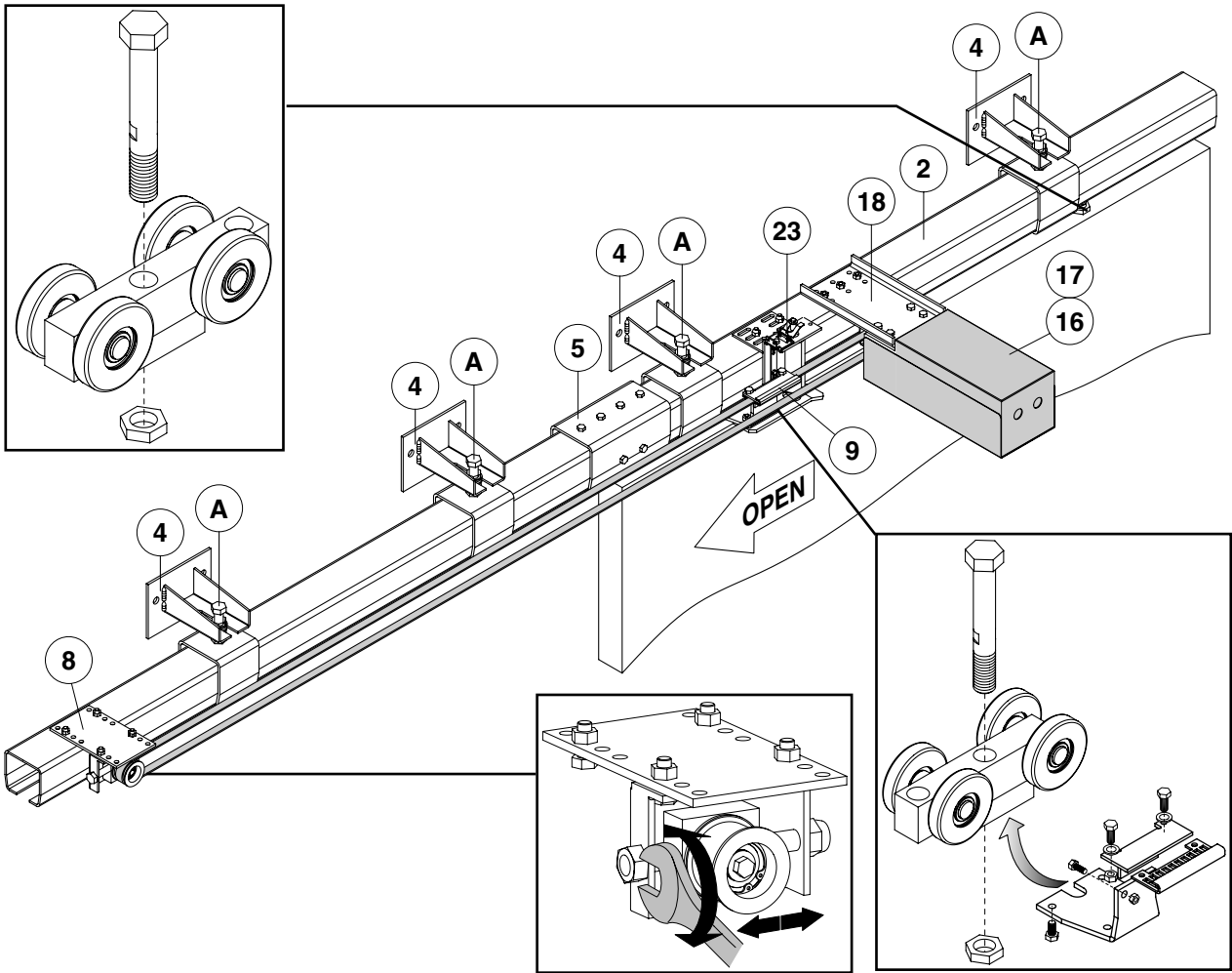
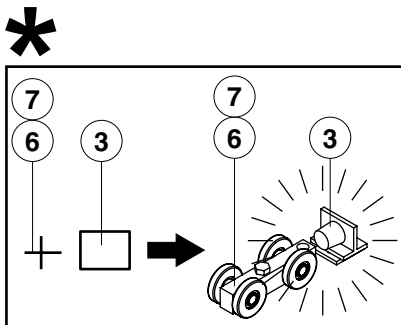
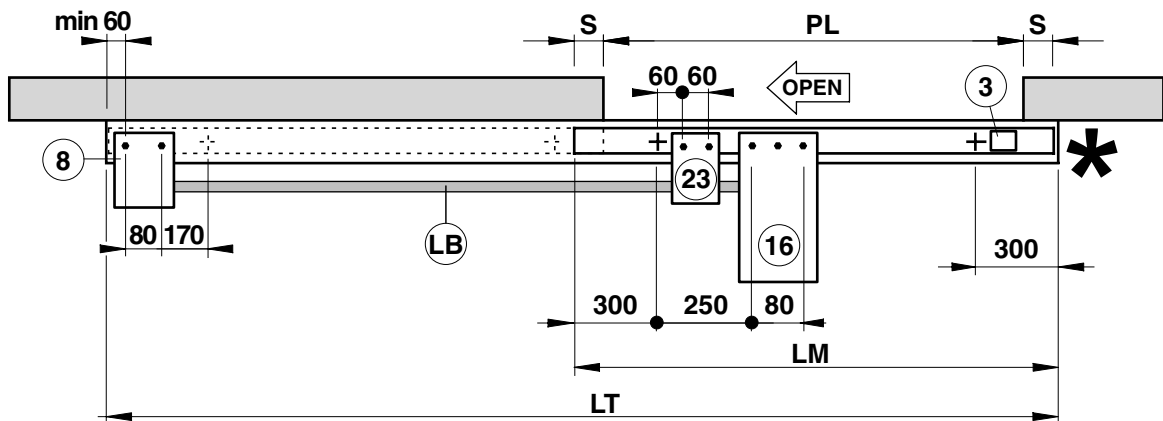


Fig. 20



PL	$(LT-3S)/2$
LM	$PL+2S$
LT	$PL+LM+S$
LB	$2PL+2S+700$

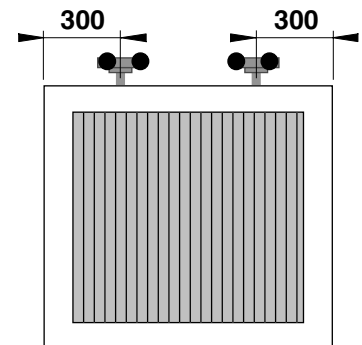


Fig. 21

# Over60H 2 wings horizontal assembly

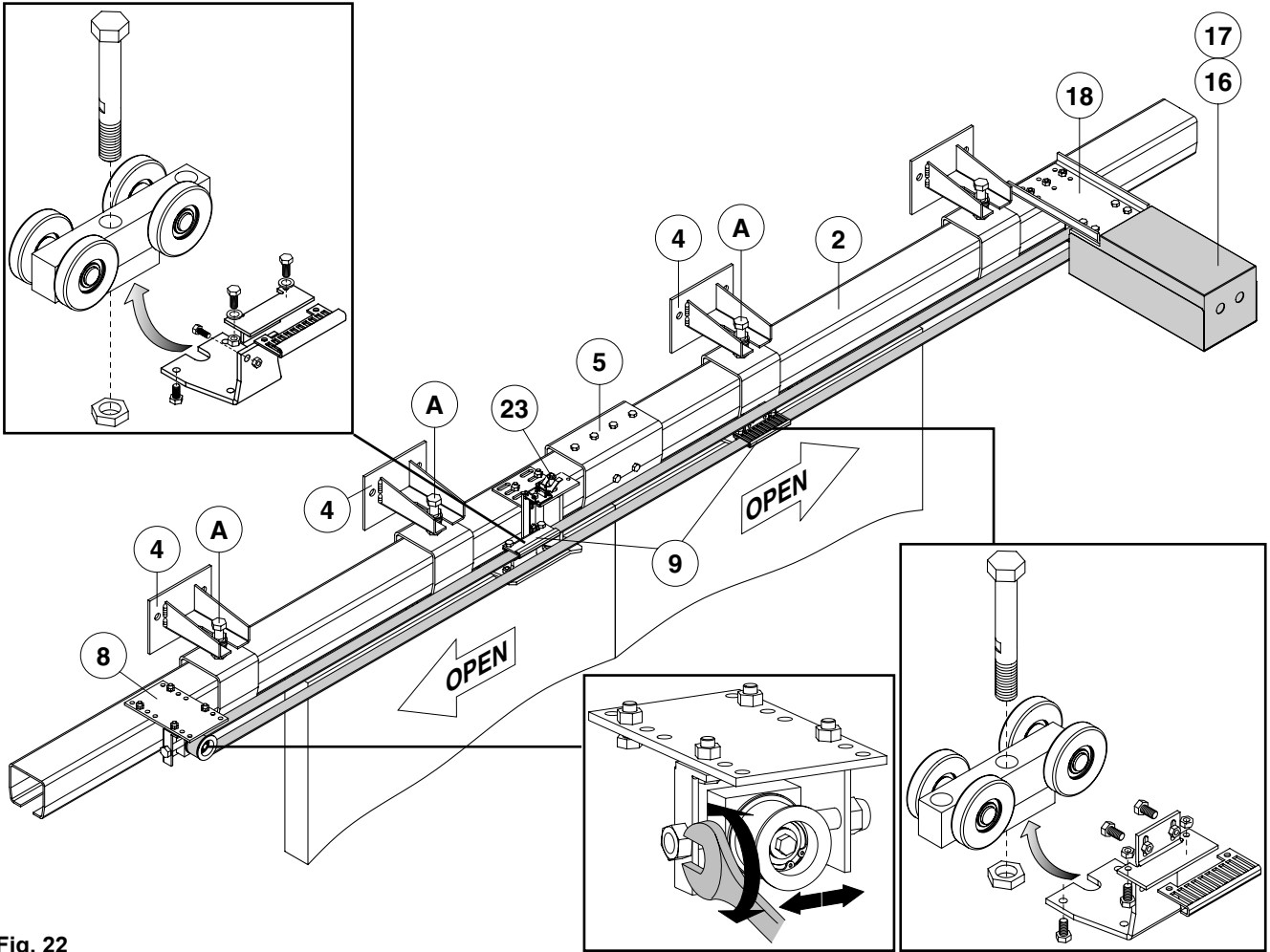


Fig. 22

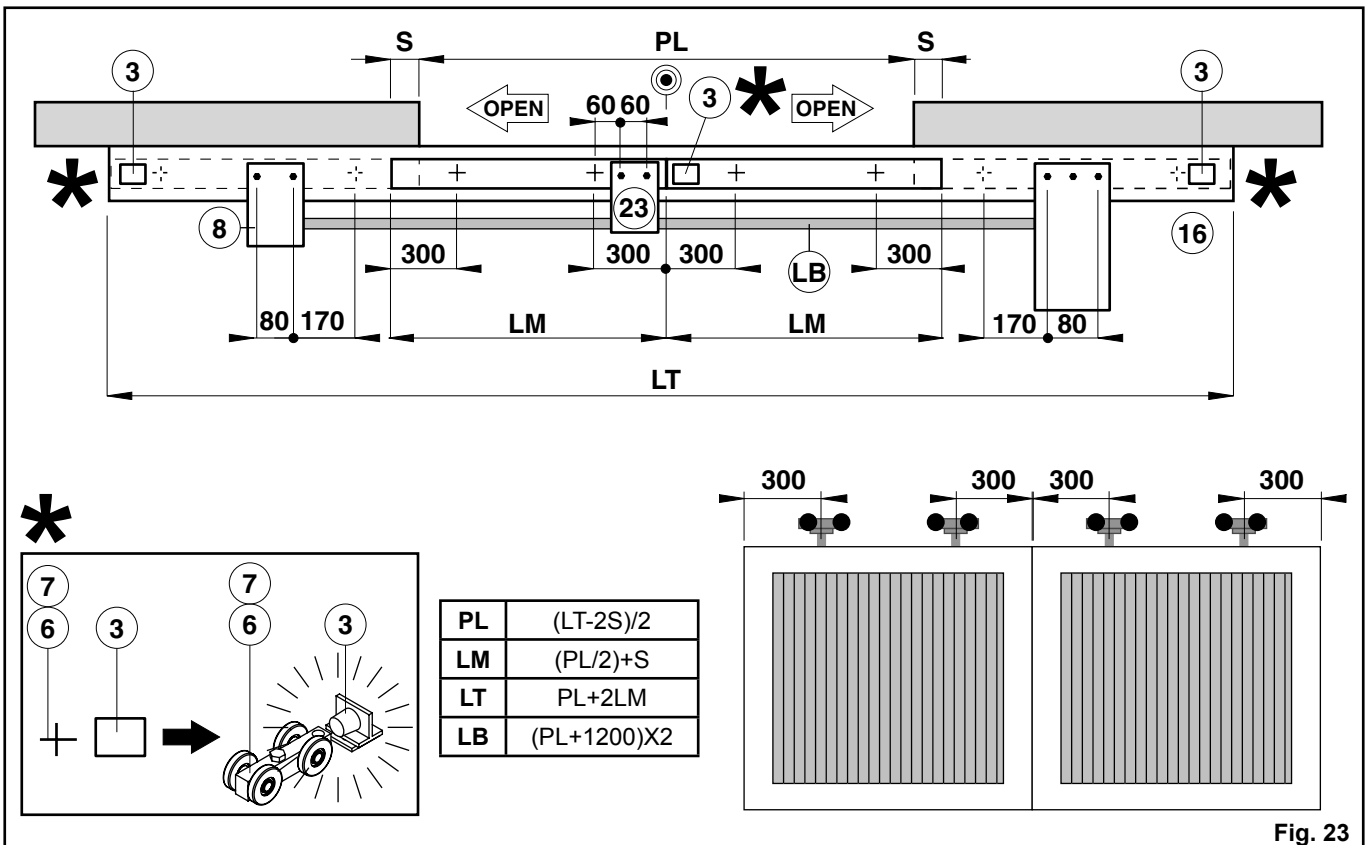


Fig. 23

# 1. TECHNICAL DATA

	n. 1 OVER30H	n. 2 OVER30H	n. 1 OVER60H
Power supply	24 V=		
Max absorption	8 A	16 A	16 A
Motor power	100 W	200 W	200 W
Max. torque	300 N	600 N	600 N
Nominal torque	200 N	400 N	400 N
Reversibility force	≤ 50 N	≤ 100 N	≤ 80 N
Speed (1 wing)			
opening	100÷300 mm/s		100÷400 mm/s
closing	100÷200 mm/s		100÷300 mm/s
approach	50 mm/s		75 mm/s
Jogging	S3 = 80%		
Wing Minimum width (LM)	1200 mm		
Max run (1 wing)	6 m		6 m with horizontal motor and belt 9 m with vertical motor and belt
Temperature	-20° C / +55° C		
Degree of protection	IP02D		
Control panel	LogicHE		
Batteries	BATK2 (optional)	BATK2 (obligatory)	
Belt type	5T1016		5T1025
<b>GUIDES AND CARRIAGES LOAD</b>			
Guide OverG max load (1 wing)	600 kg		
Guide OverG max load (2 wings)	800 kg		
Steel wheels carriage max. load capacity	300 kg		
Nylon wheels carriage max. load capacity	150 kg		

WARNING: OVER must be fit indoors and higher than 2.5 m.

**CAPTION:**

PL= Horizontal passageway

LM= Mobile wing lenght

LT= Overall automatic system lenght

LB= Belt lenght

S= Overlap (nominal = 50 / minimum = 25 / max = as the case requires).

## 2. ASSEMBLAGE AND INSTALLATION

Unless otherwise specified, all measurements are expressed in millimetres (mm).

Based on the type of installation you have chosen (see figures from page 9 to page 16 ), install the geared motor and the associated assembly accessories.

- 2.1 Cut the guide or join several guides by means of the joint [5] to attain the LT measurement obtained by means of the formulas and measurements shown in the figures.
- 2.2 Insert the guide supports [4] at the distance shown in figure 2, 3.
- 2.3 Assemble the carriages as shown in the details in the figures.
- 2.4 Insert the carriages ([6] with the steel wheels or [7] with the nylon wheels) into the guide. Insert the stop locks [3] into the guide according to the order shown in the figures.
- 2.5 Fixing of geared motor, transmission and guard supports (where applicable):
  - calculate the points to be drilled on the guide for fixing the bracket of the geared motor, the transmission and any guard supports. *Warning: holes with Ø 8.5 must be*

*drilled in the middle of the guide (on the marked line).*

- Drill the guide and fix the brackets.
- Fix the geared motor and the transmission.

- 2.6 Route the belt through the pulley of the geared motor and on the transmission pulley and then fix it to the attachment of the previously mounted belt. *NOTE: in the case of two wings, set the carriages in the middle of the automatic system and fix the belt.*
- 2.7 Tighten the belt using the screw on the transmission or on the second motor.
- 2.8 Clean the inside of the guide by removing any process residuals. Manually check that the carriages move correctly.
 

Warning: if using carriages with metallic wheels, lubricate the inside of the guide.
- 2.9 Fix the brackets [4] on the wall but first check the position of the supports that were previously inserted on the guide.
- 2.10 (Fig. 2, 3) Lift the complete guide and couple it to the brackets fixed to the wall. Align and level the guide by adjusting the screws [A]. *NOTE: you may center the lane in which the guide passes by sliding the guide [2] slowly on the supports [4].*
- 2.11 Fix the wings, arranged beforehand, by means of brackets or couplings not supplied by us. Perform the height adjustments as shown in fig. 2, 3. Prepare a rubber profile on the closing edge of the wing (for a height of at least 2.5 m). Check that if sturdy guides are present on the floor they do not create any friction with the wing.
- 2.12 Check that all screws are tight. Fix the heads and the guard [13] (where applicable).