

ZE' SOLUTION ERGONOMIC MANIPULATOR

Technologies:

- Aluminium arm with low-inertia double articulation
- Electronic lifting assistance to intuitively lift loads up to 200kg with only a 20g effort

Advantages:

- Versatility: handling many products
- Precision: sensitive Zii handle
- Rapidity: optimal working pace
- Ergonomics: RSI removal
- Intuitiveness: naturally following hand movement without button
- Safety: secured grip-release, alarms, hand detection

Customized:

- Wide work zones: possible to install under rail, framework, or under a supporting structure
- Heavy loads: steel arm enabling the handling of loads up to 300kg
- Services: installation and ergonomics expertise
- Special: manipulator conception and manufacturing for specific applications



SAPELEM has created a wide range of standard manipulators answering the most common applications.

Ballasted bases

Function:

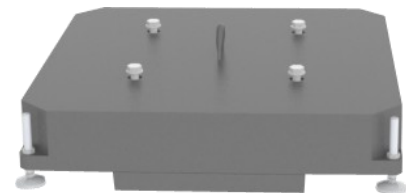
Installation of the ZE Solution manipulator without fastening to the ground

Advantages:

- Manipulator easily moved around
- No hole in the concrete slab
- No thickness restriction for the concrete slab
- Quick implementation and adjustments

Description:

- Steel base with adjusting jackscrews
- The dimensions and the weight of the basis vary depending on the lifting capacity and the range of your manipulator



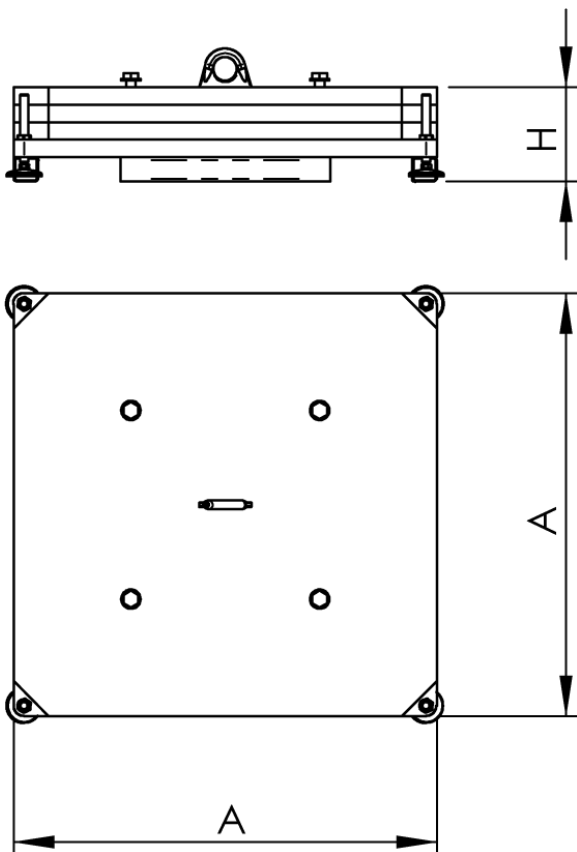
In line with European Standard EN 14238

Ballasted bases

Choosing the model:

3 models according to the lifting capacity and the range of the manipulator

Basis	5ZAE116001	5ZAE315001	5ZAE323001
WLL	Max Range	Max Range	Max Range
kg	mm	mm	mm
50	3,000	4,700	/
80	/	4,700	/
130	/	3,600	4,200
200	/	/	3,600



Weight	A	H	Reference
kg	mm	mm	
1,670	800	450	5ZAE116001
1,540	1210	270	5ZAE315001
2,340	1210	270	5ZAE323001

	<p>Other possible fastening solutions:</p> <ul style="list-style-type: none"> • Chemical pegs in the concrete slab • Distribution panel • Anchor sticks for a concrete base 	
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