

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.

Jib crane pillars

Function:

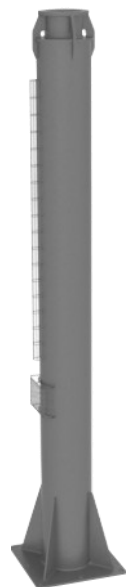
Floor mount stand of the handling arm ZE Solution

Advantages:

- Quick installation
- Choice between 4 heights
- No heavy and complicated framework to integrate

Description:

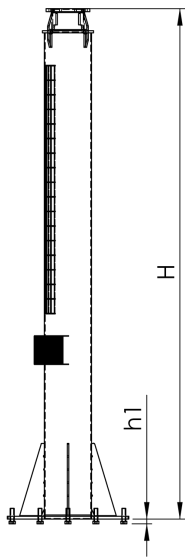
- The base of the pillar is equipped with jackscrews to set the verticality and guarantee the stability of the manipulator.
- A fastening grid and a cable channel are installed on the pillar to make the cabling of power supply easier.



In line with European Standard EN 14238

Jib crane pillars

WLL 200kg

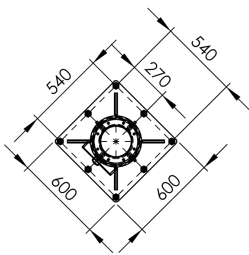


Installation:

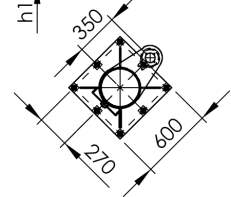
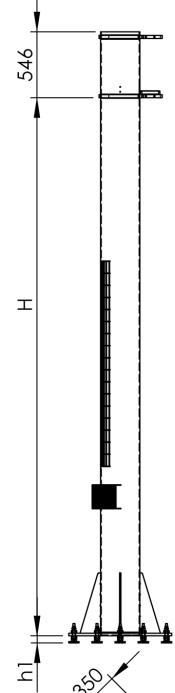
- 4 standard heights
- 2 max load capacities
- Adjusting the verticality of the pillar with jackscrews
- Height h1* = 60mm of plate ±15mm adjustment
- Services: a SAPELEM expert studies the optimal installation to serve the working zone and make using the manipulator easier.

Fastening to the ground:

- Anchor plate identical for every model
- Standard fastening by chemical pegs**
- Option: effort spreading plate, if the concrete slab is too breakable
- Services: a SAPELEM expert studies the best fastening technique according to the quality of the ground.



WLL 300kg



Height		WLL 200kg maxi	WLL 300kg maxi
H	h1*	Reference	Reference
mm	mm		
2,000	60	5ZAF120001	5ZAF220001
2,500	60	5ZAF125001	5ZAF225001
3,000	60	5ZAF130001	5ZAF230001
3,500	60	5ZAF135001	5ZAF235001

* h1 adjustable with the jackscrews between 45 and 75mm

** Chemical pegs for threaded rods M16



Specific jib crane pillars: please consult SAPELEM

