

TECHNICAL SPECIFICATIONS

SAPELEM › COBOTICS › ERGONOMICS › ZE' SOLUTION AUTOMATIC CLAMP

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.

ZE'SOLUTION AUTOMATIC CLAMP

Function:

Mechanical gripping on rigid products' obstacles

Advantages:

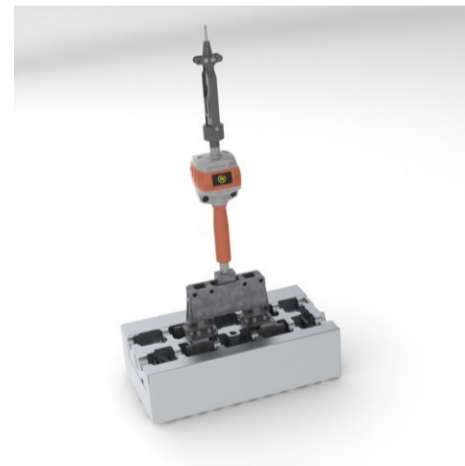
- Ease: simple gripper without grip/release command
- Economic: mini budget
- Safety: infinite holding even in case of power shut-down

Description:

- System of movable parallelogram with two fixed positions assured by a system of automatic cam

Minimal required configuration:

- ZE'Solution Basic



In line with European Standard EN 14238

S269 0 M01 B

SAPELEM
créateur de solutions

COBOTIQUES
ROBOTIQUES

4 rue des Ajoncs - 49070 Beaucozézé - + 33 (0) 2 41 72 15 20 - contact@sapelem.com - www.sapelem.com

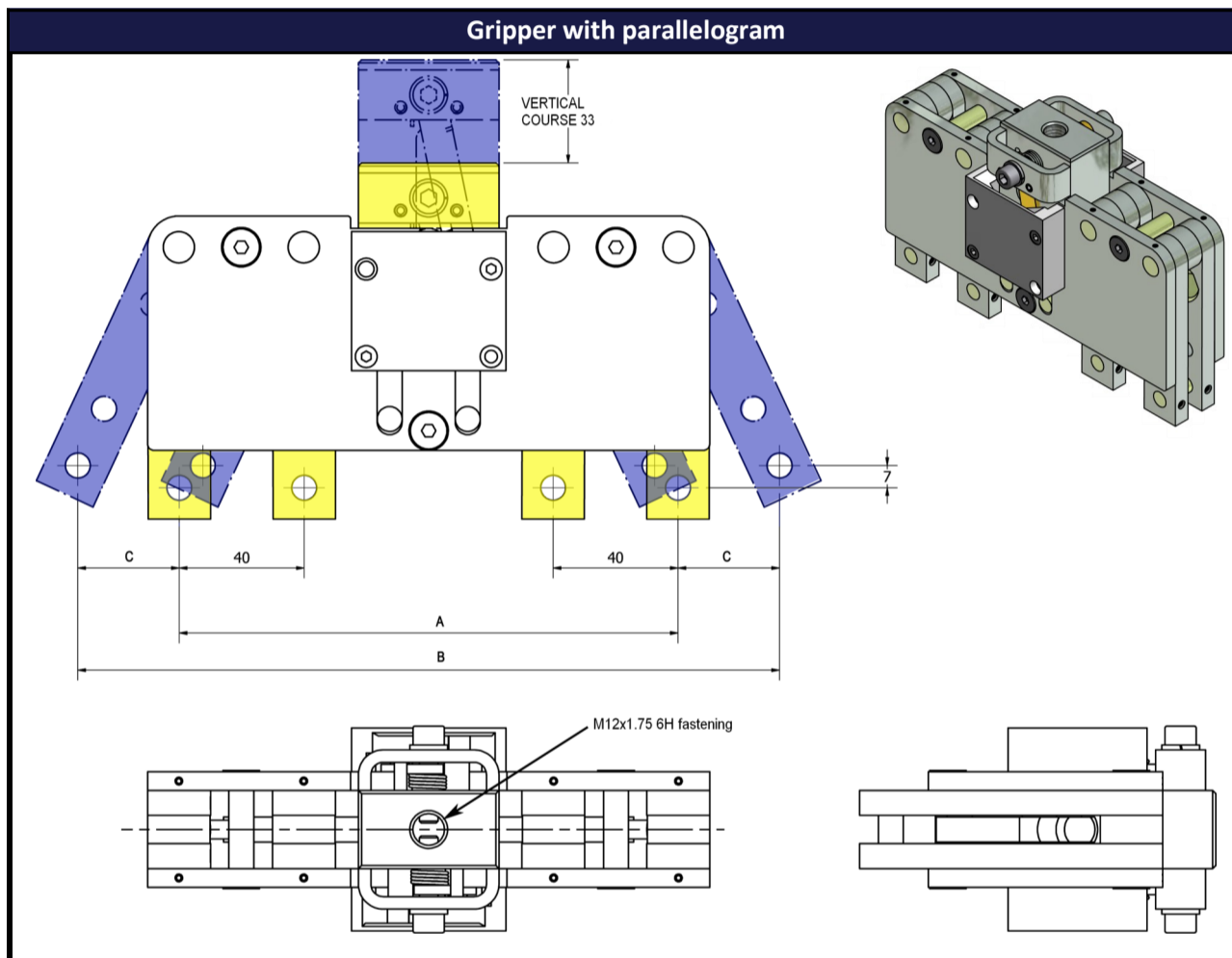
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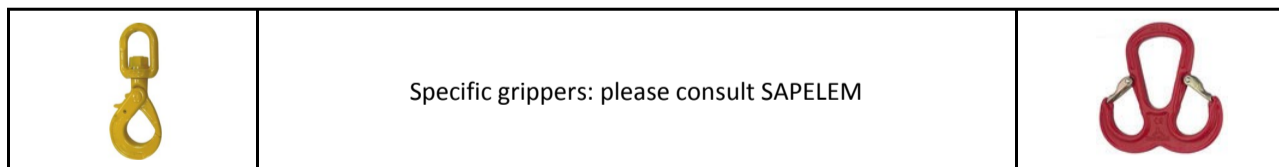
Use:

- Gripping parts with hanging by obstacle
- Basic gripper, but economic and strong, with no need of grip/release command
- Reversible, gripping is possible by the inside or the outside of the part



WLL	Tightening by the inside			Tightening by the outside		
	A (Release)	B (Grip)	C	A (Grip)	B (Release)	C
130kg	160	184	12	160	225	32.5

WLL	Reference	Weight
130kg	5ZAG1303211061	3.5kg



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