

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.

Quick changer

Function:

Quickly replacing the tool installed under the ZE Solution manipulator

Advantages:

- Productivity: no waste of time
- Ease: change made by operator, without any tool
- Versatility: several grippers under one manipulator

Description:

- A fixed female coupler installed on the handle of the manipulator
- A male detachable connector to fix on the gripper
- Secured decoupling to avoid any accidental detachment of the tool

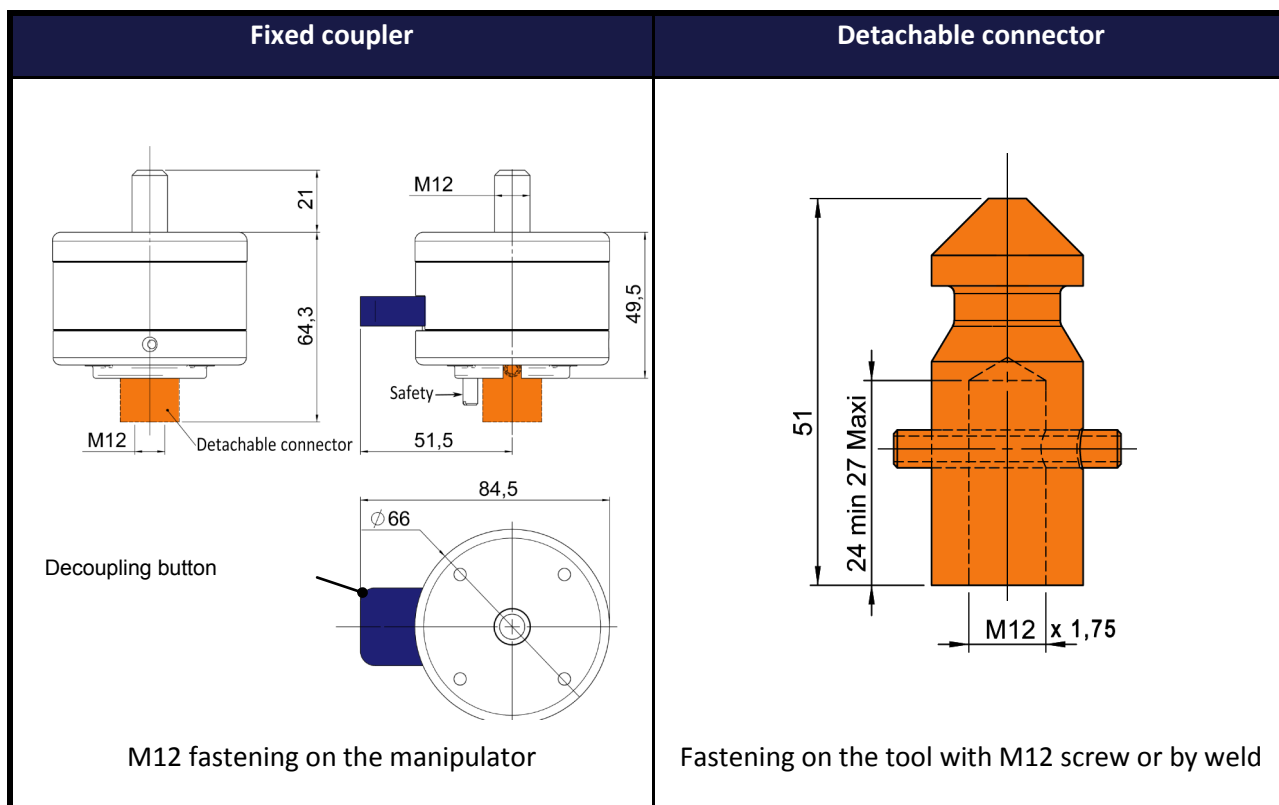


In line with European Standard EN 14238

Quick changer

Use:



- Interchangeable tools for one manipulator
- Quick and easy change



Safety: To avoid a decoupling by accident, the button cannot be pushed if the load is not laid on a support.

The quick coupling supports a 100mN torque; the load must be axial.

WLL	Fixed coupler	Detachable connector
300kg	5ZAB300F1	5ZAB300M1

	<p>To see our hooks offer, please consult the “Hooks” documentation for manipulators.</p>	
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