

Multifunctional Gripping Tooling

Only one column mounted **intelligent device for handling INDEVA**, with jointed arm 2.5 m long, to lift **boxes, drums, jars, and bags**.



This INDEVA, Liftronic model, could fully satisfy this Company' request for a lift assist device for the operator that has to lift 4 different types of load in a quick yet precise and ergonomic way, repetitively during his whole work shift.

The gripping tooling is multifunctional and suitable for picking a bag, or a cardboard box or a jar or drum: if the load that comes along is a drum the operator uses the tool side equipped with a vacuum cup suitable for drums, if it is a bag he just changes the

tool side with a quick click and uses the vacuum pad for bags, if it is a jar, just another quick click and he's ready to pick the jar by means of a special hook, then a cardboard box comes along to be picked and moved so he can quickly change again the tooling face and use the special vacuum cups frame.

The **INDEVA is auto weight sense and auto balancing and no adjustment is needed every time the load weight changes**: the load is perfectly and constantly counter balanced so that the force required to the operator is always almost null both for lifting the drums weighing 25 kg and the boxes weighing 50 kg.

No buttons to push or keep pushed for up/down movements, no load setting for different load weights, no inertia forces when reverting direction, nor when the load is picked or released from/to its support: these are unique features of the INDEVA, which make the real difference from the traditional air balancers; operators using INDEVA state they are happy they do not have to catch up with the balancer and that they can move heavy loads as they were handling loads of very few grams just with their hands with no machine, in an intuitive and smooth way.

The **overturning handles** allow for an **ergonomic grip** and avoid the operator to bend his back to reach very high or very low.

The use of an **INDEVA material handling solution** prevents musculoskeletal injury risk for the operator eliminates time wastes and increases the overall productivity.

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