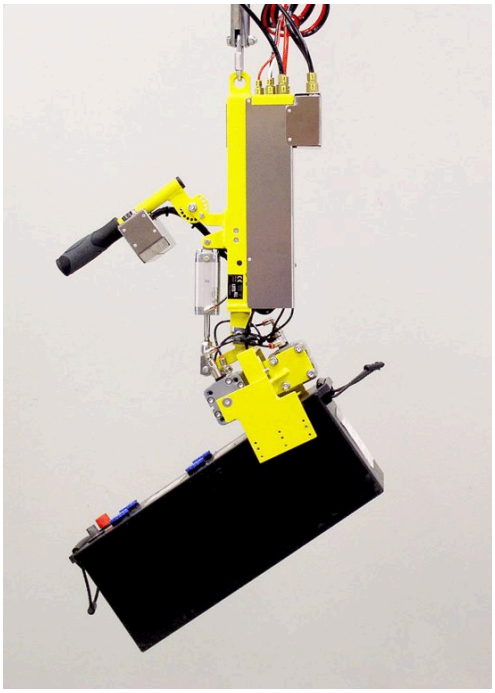
Mechanical Grippers



Custom mechanical grippers

40 lifting tools custom-designed to grip complex objects – gearboxes, motors, batteries, bottles and many other applications. Ergonomic, easy to operate, built to order.

Lifting solutions for the hardest-to-grip objects

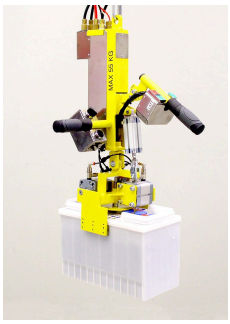
Mechanical grippers from **Lifts All AB, Sweden** are lifting tools designed to grip objects with complex shapes that vacuum grippers struggle to handle – such as **gearboxes, gears, shafts, vehicle batteries, drums, tires, bottles, doors and frames**. Every gripper is built with **ergonomics** and ease of use in mind.

Below are **40 representative mechanical grippers** that Lifts All has built to order over more than **40 years of experience**. Each one can be customized in load capacity, rotation, tilt and dimensions to suit your needs.

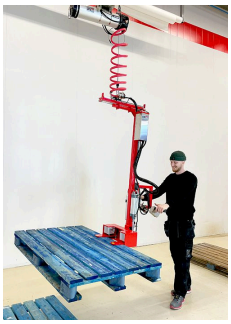
40 mechanical grippers



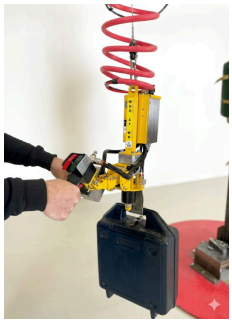
Bus battery gripper 89-10768 Grips both sides of bus and car batteries for safe lifting. Pro Speed-Handle controls lifting/lowering speed. Load: 62 kg · Tool weight: 13 kg · Code: 89-10768



Car battery gripper 2426 Mechanical gripper for lifting car batteries easily and ergonomically. Custom design to your needs. Car battery · Mechanical · Code: 2426



Pallet tipper 89-12421 Lifting tool for lifting, tilting and rotating pallets. Mechanical gripper lifting up to 45 kg. Load: 45 kg · Tilt & rotate · Code: 89-12421



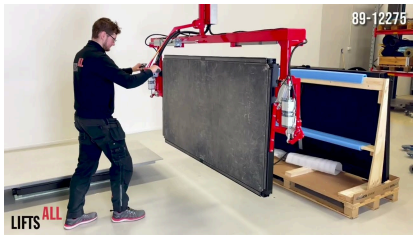
Milling cutter body gripper 89-12254 Helps lift milling cutter bodies up to 27 kg in the metalworking industry. Load: 27 kg · Metal industry · Code: 89-12254



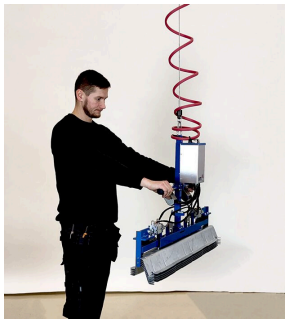
Shaft gripper 89-12214 Mechanical gripper for moving shafts easily and ergonomically. Custom design. Load: 5 kg · Shaft · Code: 89-12214



Wood veneer gripper 89-11927 Customized for furniture manufacturing – lifts wood veneer, laminate, rolls and cores. Veneer/laminate · Furniture · Code: 89-11927



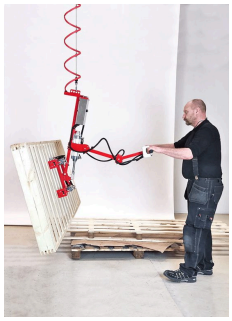
Building element gripper 89-12275 Designed to lift structural elements of soundproof rooms – doors, walls, floors – ergonomically. Doors/walls/floors · Structural · Code: 89-12275



Metal part gripper 89-12120 Custom-built to lift several specific metal parts at once. Load: 11 kg · Multiple parts · Code: 89-12120



Drum gripper 89-12248 Heavy-duty drum gripper, versatile for many drum types. Lifts up to 250 kg effortlessly. Load: 250 kg · Heavy duty · Code: 89-12248



Bed frame gripper 89-12031 Used in the furniture industry to lift and tilt bed frames. Load up to 30 kg. Load: 30 kg · Lift & tilt · Code: 89-12031



Electrical cabinet gripper 89-12243 Lifts electrical cabinets/boxes up to 18 kg with ease. Deep experience in handling electronic equipment. Load: 18 kg · Electrical cabinet · Code: 89-12243



Gear gripper 89-12296 Weightless lifting of gears, bevel gears and planetary gears. For the automotive industry. Gears · Automotive · Code: 89-12296



Ring gear gripper 89-12264 Lifting tool for ring gears – fast handling and ergonomic work. Ring gear · Ergonomic · Code: 89-12264



Door gripper 89-12187 Lifts doors, frames and boards up to 80 kg with ease. Eliminates the burden of manual lifting. Load: 80 kg · Doors & boards · Code: 89-12187



Pharmaceutical tray gripper 89-10861 Customized to lift trays in cleanrooms of the highest standard – pharmaceutical industry. Cleanroom · Pharmaceutical · Code: 89-10861



Washing machine drum gripper 89-12413 Designed to simplify the daily handling of washing machine drums. Washing machine drum · Mechanical · Code: 89-12413



Plastic bottle gripper 89-12380 Smoothly lifts both 1.5 L and 2 L bottles. Higher efficiency, less manual lifting – beverage industry. 1.5–2 L bottles · Beverage · Code: 89-12380



Glass bottle gripper 89-12006 Lifts up to 20 glass bottles/jars at once for the beverage industry. Up to 20 bottles · Beverage · Code: 89-12006



Basic bottle gripper 88-10063 / 88-10032 The ideal lifting tool for breweries – grips and lifts bottle crates safely and ergonomically. Bottle crates · Brewery · Code: 88-10063



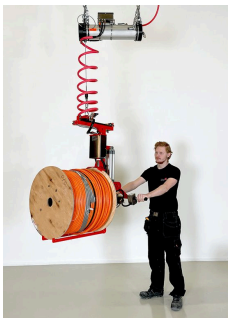
Sausage casing gripper 89-12142 Customized to lift rolls of artificial casing for meat products. Lifts up to 50 kg ergonomically. Load: 50 kg · Meat industry · Code: 89-12142



Rolled mattress gripper 89-11892 Customized to lift rolled mattresses from horizontal to vertical position. Rolled mattress · Horizontal↔vertical · Code: 89-11892



Wheel gripper 89-12039 A simple, flexible solution for handling tires/wheels. Easy to adjust the position by hand. Tires & wheels · Flexible · Code: 89-12039



Fiber reel gripper 89-12258 Lifts and tilts fiber optic cable reels or core reels up to 40 kg with ease. Load: 40 kg · Cable reels · Code: 89-12258



Plastic box gripper 89-12353 Designed to lift boxes/crates up to 25 kg easily and safely – food industry. Load: 25 kg · Food · Code: 89-12353



Rock drill bit gripper 89-11929 Mechanical lifting tool for heavy drill bits used in rock drilling. Load up to 27 kg. Load: 27 kg · Rock drilling · Code: 89-11929



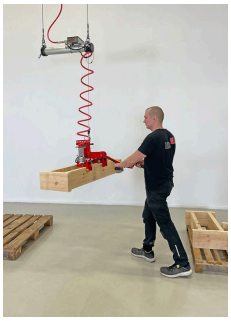
Gas cylinder gripper 89-12099 Lifts all types of gas cylinders – gas bottles, helium and argon cylinders. Load up to 27 kg. Load: 27 kg · Gas cylinders · Code: 89-12099



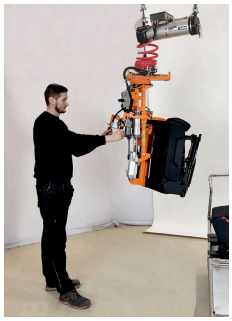
Roll gripper 89-12155 Lifts rolls up to 40 kg, both horizontally and vertically. A flexible mechanical gripper. Load: 40 kg · Horizontal & vertical · Code: 89-12155



Weight plate gripper 89-12045 Lifts weight plates, gym weights and rubber-coated weights in the factory. Weight plates · Factory · Code: 89-12045



Wooden frame gripper 89-12336 An indispensable asset for joinery workshops – weightless lifting of wooden frames with a mechanical mechanism. Wooden frames · Joinery · Code: 89-12336



Car seat gripper 89-10950 Mechanical gripper for lifting and tilting car seats. Optimized for the object to be lifted. Car seats · Lift & tilt · Code: 89-10950



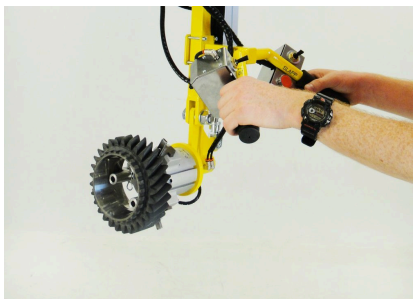
Door & frame gripper 3231 Versatile gripper that lifts doors and frames up to 115 kg, with 90° rotation. Load: 115 kg · 90° rotation · Code: 3231



PET bottle pack gripper 3533 Customized to lift shrink-wrapped packs of 24 PET bottles (1.5 L). For the beverage industry. 24-bottle pack · 1.5 L · Code: 3533



Contactor gripper 89-10325 Special tool for lifting electronic control switchgear. One person can lift twice as much. Electrical switchgear · Mechanical · Code: 89-10325



Gear gripper 3481 Lifts gears up to 14 kg, mainly in automotive manufacturing. Load: 14 kg · Automotive manufacturing · Code: 3481



Pharmaceutical gripper 89-10059 Custom table with two integrated grippers for handling pharmaceutical substances in high-grade cleanrooms. 2-gripper table · Cleanroom · Code: 89-10059



Roll gripper 89-10531 Lifts plastic and aluminum rolls up to 25 kg, customizable for different core types. Load: 25 kg · Plastic & aluminum · Code: 89-10531



Butter tub gripper 89-10002 Lifts tubs and helps empty butter out of them. Easy to clean, designed for cleanrooms. Butter tubs · Cleanroom · Code: 89-10002



Butter gripper 89-10202 Custom lifting tool for the food industry – lifts butter with ease. Stainless steel, easy to clean. Butter · Stainless steel · Code: 89-10202



Gearbox gripper 3797 Custom-built to lift car gearboxes from a roller conveyor and install them in the vehicle. For the automotive industry. Car gearbox · Conveyor · Code: 3797



Beverage crate gripper 2490 A popular choice in the beverage industry – lifts stacks of beer/soft drink crates up to 80 kg, ergonomically. Load: 80 kg · Beer/drink crates · Code: 2490

Why choose Lifts All mechanical grippers?

Unlike vacuum grippers, mechanical grippers **grip the object directly with a mechanical mechanism** – ideal for heavy goods, non-airtight surfaces or special shapes such as gears, gearboxes and shafts.

Each gripper is **custom-designed for the load, rotation and tilt** you need. Combined with the **Bal-Trol** balancing hoist and the **FlexiCrane/MaxiCrane** articulated crane, they form a complete ergonomic lifting system – letting one operator handle loads many times heavier.

Get advice & a quotation

FULLSHARP advises on and designs the mechanical gripper best suited to your objects and processes.

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Specifications may vary with the ordered configuration. Please contact FullSharp for exact details.