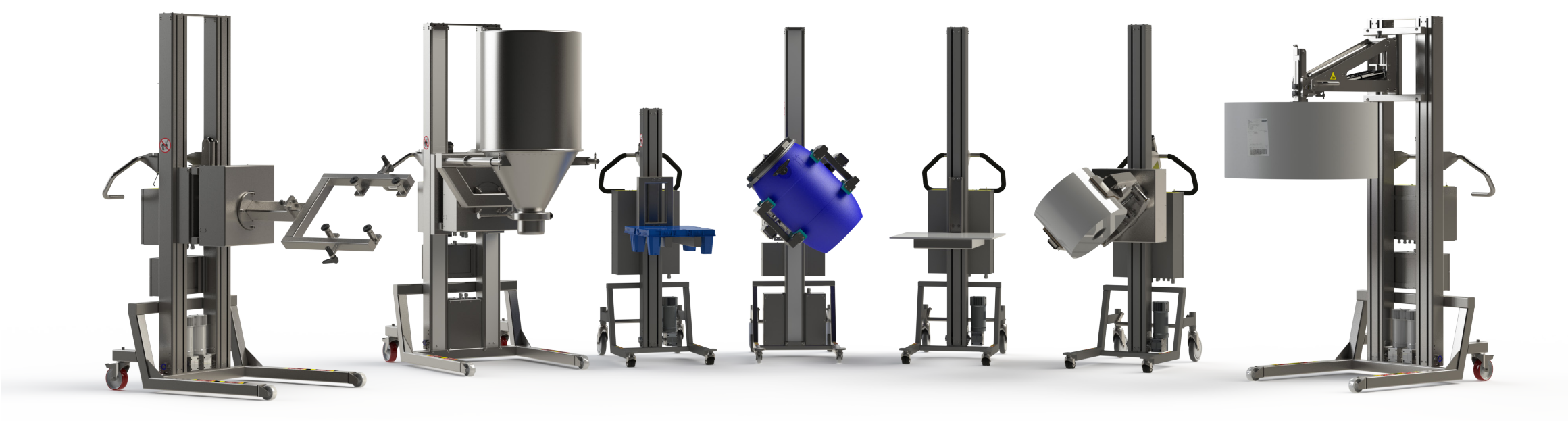

◀ COMPATIBILITY ▶

Manipulator unit, tool, and accessories are inter-dependent and cannot operate independently.

LIFTERS														TOOLS		MANIPULATOR UNITS										ACCESSORIES							
LIGHTWEIGHT Lifters designed to handle items up to 120 kg for everyday tasks, depending on the tool used. Despite their lightweight construction, they remain robust and durable for reliable performance.		**ENERGY EFFICIENT** These heavy-duty lifters feature increased size and enhanced battery capacity, making them ideal for demanding tasks and prolonged operation. They can handle up to 500 kg, depending on the tool used, and are designed for applications in heavy industry production as well as in food and pharma environments. The lifters are available in stainless steel grades AISI 304 and 316L, with dust and water protection classes IP31 and IP65, ensuring durability and hygiene in various settings.																															
Aluminium (B)	Steel (C)	Steel (N)			Stainless Steel (SN)			Stainless Steel in Hygienic Design (SF)			Cleanroom Stainless Steel (SP)					Electric Rotation	Electric Tipping	Electric Leveling	Vertical Adjustment	Lateral Adjustment	Manual Tipping	Manual Rotation	Simple Manual Rotation	Swing	Rapid Tool Change	Anti-telescoping Safety	Gripping Teeth ø152 mm	Gripping Teeth ø76 mm	Spacer Plate 3 mm	Point Grip	Plate Grip	Belt Grip	Tool Arm
150	150	150	300	500	150	300	500	150	300	500	150	300	500			ERU	ETU	ELU	VAU	LAU	MTU	MRU	SRU	SU	RTC	ATU							
	●	●	●	●	●	●	●	●	●	●	●	●	●	**ADM**	Adjustable Double Mandrel	●		●		●					●								
●	●	●	●	●	●	●	●	●	●	●	●	●	●	**AF**	Adjustable Fork	●		●	●	●		●	●	●	●								
	●	●	●	●	●	●	●	●	●	●	●	●	●	**AM**	Adjustable Mandrel	●		●	●	●		●	●	●	●								
●	●	●	●	●	●	●	●	●	●	●	●	●	●	**CA**	Crane Arm				●	●				●	●								
	●	●	●	●	●	●	●	●	●	●	●	●	●	**DL**	Drum Lifter										●								
	●	●	●	●	●	●	●	●	●	●	●	●	●	**DG**	Drum Grabber										●								
●	●	●	●	●	●	●	●	●	●	●	●	●	●	**DM**	Double Mandrel	●		●	●	●		●	●	●	●								
		●			●			●			●			**EBT**	Electric Box Tipper																		
		●	●	●	●	●	●	●	●	●	●	●	●	**EC**	Electric Clamp	●		●	●	●		●	●	●		●				●	●	●	●
		●	●	●	●	●	●	●	●	●	●	●	●	**EEU**	Electric Expander Unit	●			●	●		●	●	●									
		●	●	●	●	●	●	●	●	●	●	●	●	**ELC**	Electric Linear Clamp	●	●	●		●	●	●								●	●	●	●
		●	●	●	●	●	●	●	●	●	●	●	●	**EMT**	Electromagnetic Tool	●		●	●	●		●	●	●									
		●	●	●	●	●	●	●	●	●	●	●	●	**EPC**	Electric Parallel Clamp															●	●	●	
		●	●	●	●	●	●	●	●	●	●	●	●	**ERG**	Electric Reel Gripper									●									
		●	●	●	●	●	●	●	●	●	●	●	●	**ERM**	Electric Reel Manipulator										●	●	●	●					
				●			●			●			●	**ERM2**	Electric Reel Manipulator									●	●	●	●	●					
		●	●	●	●	●	●	●	●	●	●	●	●	**ESP**	Electric Special Tool																		
	●	●	●	●	●	●	●	●	●	●	●	●	●	**F**	Fork	●		●	●	●		●	●	●	●								
	●	●	●	●	●	●	●	●	●	●	●	●	●	**FN**	Fork with Notches			●	●	●				●	●								
	●	●	●	●	●	●	●	●	●	●	●	●	●	**FTS**	Fork with Tilting Support			●	●	●				●	●								
●	●	●	●	●	●	●	●	●	●	●	●	●	●	**M**	Mandrel			●	●	●				●	●								
	●	●			●			●			●			**MBT**	Manual Box Tipper																		
	●	●	●	●	●	●	●	●	●	●	●	●	●	**MC**	Manual Clamp	●		●	●	●		●	●		●					●	●	●	
	●	●	●	●	●	●	●	●	●	●	●	●	●	**MCS**	Manual Clamp with Spindle	●		●	●	●		●	●		●					●	●	●	
	●	●	●	●	●	●	●	●	●	●	●	●	●	**MEU**	Manual Expander Unit	●		●	●	●		●	●	●	●								
			●	●		●	●		●	●		●	●	**MLC**	Manual Linear Clamp	●	●				●	●											
	●	●	●	●	●	●	●	●	●	●	●	●	●	**MP**	Metal Platform				●	●				●	●								
	●	●	●	●	●	●	●	●	●	●	●	●	●	**MPE**	Metal Platform with Edges				●	●				●	●								
	●	●	●	●	●	●	●	●	●	●	●	●	●	**MPG**	Metal Platform with Grippers				●	●				●	●								
	●	●	●	●	●	●	●	●	●	●	●	●	●	**MPR**	Metal Platform with Rollers				●	●				●	●								
●	●	●	●	●	●	●	●	●	●	●	●	●	●	**MRM**	Manual Reel Manipulator									●	●	●	●	●	●				
		●			●			●			●			**PEC**	Parallel Electric Clamp															●	●	●	
●	●	●	●	●	●	●	●	●	●	●	●	●	●	**PP**	Plastic Platform (Nylon)			●	●	●				●	●								
●	●	●	●	●	●	●	●	●	●	●	●	●	●	**PPR**	Plastic Platform with Rollers			●	●	●				●	●								
●	●	●	●	●	●	●	●	●	●	●	●	●	●	**RCA**	Rail Crane Arm			●	●	●				●	●								
	●	●	●	●	●	●	●	●	●	●	●	●	●	**RM**	Roller Mandrel			●	●	●				●	●								
	●	●	●	●	●	●	●	●	●	●	●	●	●	**RP**	Roller Platform			●	●	●				●	●								
	●	●	●	●	●	●	●	●	●	●	●	●	●	**SMT**	Special Manipulator Tool																		
	●	●	●	●	●	●	●	●	●	●	●	●	●	**SPT**	Special Tool																		
	●	●	●	●	●	●	●	●	●	●	●	●	●	**STU**	Simpel Tipping Unit			●															
●	●	●	●	●	●	●	●	●	●	●	●	●	●	**VB**	V-Block									●	●								

Manipulator Unit Lifter Compatibility and Pairing Options with Other Manipulator Units

			●	●	●	●	●	●	●	●	●	●	●	**MTU**	Manuel Tipping																				
			●	●	●	●	●	●	●	●	●	●	●	**ETU**	Electric Tipping																	●	●	●	●
		●	●	●	●	●	●	●	●	●	●	●	●	**ERU**	Electric Rotation			●	●																
		●	●	●	●	●	●	●	●	●	●	●	●	**ELU**	Electric Leveling	●			●	●		●	●	●											
		●	●	●	●	●	●	●	●	●	●	●	●	**MRU**	Manual Rotation																				
		●	●	●	●	●	●	●	●	●	●	●	●	**VAU**	Vertical Adjustment																				
		●	●	●	●	●	●	●	●	●	●	●	●	**LAU**	Lateral Adjustment																				
	●	●	●	●	●	●	●	●	●	●	●	●	●	**SRU**	Simple Manual Rotation																				
	●	●	●	●	●	●	●	●	●	●	●	●	●	**SU**	Swing																				
●	●	●	●	●	●	●	●	●	●	●	●	●	●	**RTC**	Rapid Tool Change																				

Supplementary Components or Features

		●	●	●										**PD**	Power Drive
	●	●	●	●	●	●	●	●	●	●	●	●	●	**DS**	Docking System
					●	●	●	●	●	●	●	●	●	**AISI**	AISI 316L (High level of corrosive substances)
	●	●	●	●										**RAL**	RAL colors
					●	●	●	●	●	●	●	●	●	**ESD**	Electrostatic Discharge (ESD)
		●	●	●	●	●	●	●	●	●	●	●	●	**PPS**	Programmable Position Stop (PPS)
●	●	●	●	●	●	●	●	●	●	●	●	●	●	**RTC**	Rapid Tool Change Adapter (RTC)
					●	●	●	●	●	●	●	●	●	**ATEX**	ATEX Potentially explosive environments
		●	●	●	●	●	●	●	●	●	●	●	●	**RBP**	Replaceable Battery with Portable Charger
		●	●	●	●	●	●	●	●	●	●	●	●	**RBW**	Replaceable Battery with Wall Charger
		●	●	●	●	●	●	●	●	●	●	●	●	**ERB**	Extra Replaceable Battery

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