ROLLERFORKS® PUSH-PULL Equipment (patent)



The ROLLERFORKS® PUSH-PULL is a push pull attachment made up of two separate assemblies which reach and retract in unison, hydraulically. Patented ROLLERFORKS®, introduced in 2003, further complement this innovative unit as they provide quicker and easier product handling.

Regular ROLLERFORKS® are mainly used for container handling when just one "slipsheeted load" needs to handled. The ROLLERFORKS® PUSH-PULL is designed for double load stacking applications.



ROLLERFORKS® PUSH-PULL features

- · quick handling of multiple stacked slipsheeted goods.
- ROLLERFORKS® can pushed together or spread out to adapt various load sizes.
- for cold-store applications, wider ROLLERFORKS® can be easily added.
- blade length of ROLLERFORKS® can be changed easily for the handling of long goods.
- small or large loads can be handled with same unit.
- narrow ROLLERFORKS® blades are available to allow the versatility of handling Euro-pallets, Block pallets and North American 4-way entry pallets.

ROLLERFORKS® PUSH-PULL benefits:

- faster than existing push-pull systems
- good line of sight between separate units
- independent lateral adjustment for even load distribution
- · synchronized unit extension and retraction
- single unit for small and light loads
- optional faceplate adaptor
- · improved slipsheet engagement (folding forks)
- ideal for stacked goods seperated with slipsheets





Saving Time

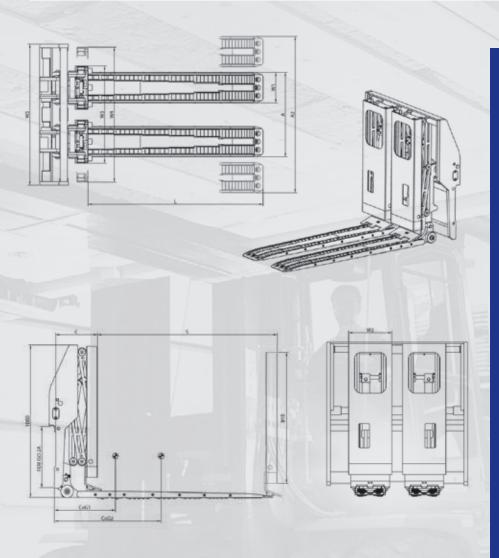
Using the unique ROLLERFORKS® PUSH-PULL combo, it is now possible to load and unload containers and/or trailers with loads stacked on top of one another faster than ever before. ROLLERFORKS® are ideal for lifting loads stacked directly on the floor because the floor acts as a fixed reference point for turning the rollers. If loads are not stacked directly on the floor, e.g. two-high, then the push pull mechanism can be used. As soon as the load has been manoeuvred onto the ROLLERFORKS®, it can be easily transferred onto an in-house pallet using the ROLLERFORKS®. This method saves a lot of time because the push pull mechanism does not have to be extended or retracted.

Specifications

ROLLERFORKS® PUSH-PULL

Model	Capacity	W1	W2	W3	W4	LLT	L2	L1	H1	H2	CoGh	IS0	Mass
	kg / 500 mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	FEM	kg
PP-DM10-12R-FS-03	1000	460-800	600-940	160	980	295	1545	1250	50	1020	585	Ш	483
PP-DM17-12R-FS-03	1700	510-850	600-940	210	980	295	1545	1250	50	1020	595	Ш	543
"Cold store" model													
PP-DM10-12RC-FS-03	1700	570-910	600-940	270	980	295	1545	1250	50	1020	575	Ш	534

Recommendations: Hydraulic flow: 10 l/min Minimum pressure: 160 bar



ISO 9001-2008

Model for quality assurance in design/development, production, installation and servicing.

ISO 2328

Hook on type fork arms and fork carrier. Mounting dimensions.

ISO 4406

Hydraulic fluid power - Fluids Method for coding level of contaminations by solid particles.

ISO 3834-2

Quality requirements for welding. Fusion welding of metallic materials.

CE

European Machinery Directives 2006/42/EC



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