

ROLLERFORKS® PUSH-PULL Equipment (patent)



RollerForks®
A trademark of MSE-FORKS B.V.

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 be 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 be 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:

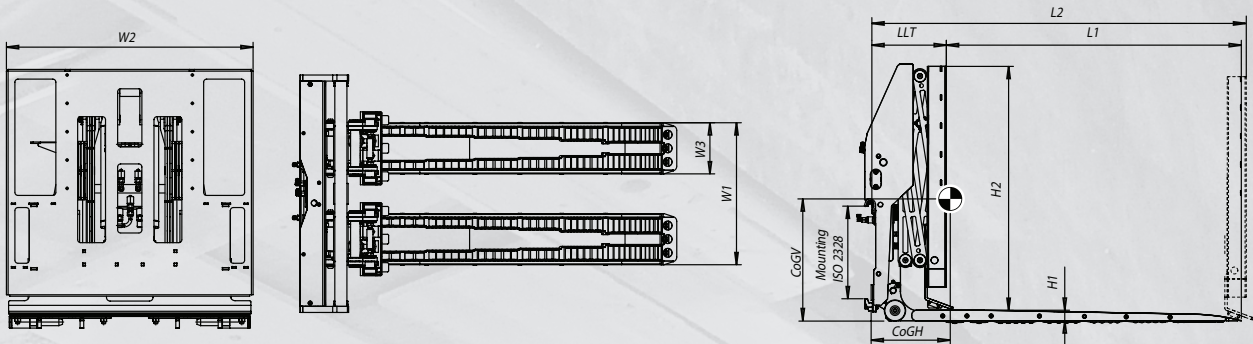
- faster than existing push-pull systems.
- good line of sight between separate units.
- independent lateral adjustment for even load distribution.
- synchronized unit extension and retraction.
- single unit for small and light loads.
- optional faceplate adaptor.
- improved slipsheet engagement (folding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



| Model | Capacity on LC 600 mm (kg) | W1 (mm) | W2 (mm) | W3 (mm) | LLT (mm) | L2 (mm) | L1 (mm) | H1 (mm) | H2 (mm) | CoGh (mm) | ISO FEM | Mass (kg) |
|---|-------------------------------|------------|------------|------------|-------------|------------|------------|------------|------------|--------------|------------|--------------|
| PP-SM17-12R-FS-10 | 1700 | 580-850 | 1018 | 210 | 295 | 1545 | 1250 | 50 | 1020 | 595 | II | 543 |
| ROLLERFORKS® PUSH/PULL for refrigerated containers | | | | | | | | | | | | |
| PP-SM17-12RC-FS-10 | 1700 | 640-910 | 1018 | 270 | 295 | 1545 | 1250 | 50 | 1020 | 575 | II | 534 |

Two hydraulic functions required.
 Optional with 8/3 valve.
 Optional quick change.
 Recommended flow 160-200 bar (10 l/min).

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