

## 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.

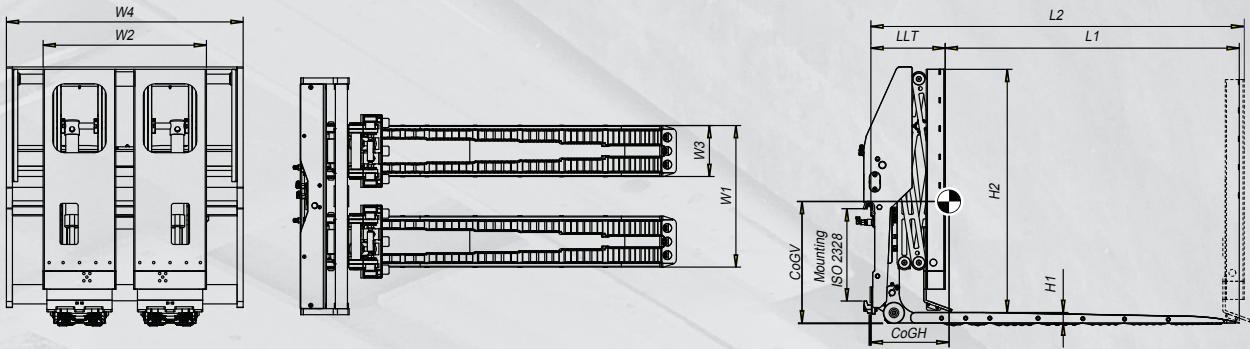


### Saving Time

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



## ROLLERFORKS® PUSH-PULL

| Model             | Capacity lbs<br>at LC 24" | W1<br>Inch  | W2<br>Inch  | W3<br>Inch | W4<br>Inch | LLT<br>Inch | L2<br>Inch | L1<br>Inch | H1<br>Inch | H2<br>Inch | CoGH<br>Inch | ISO<br>FEM | Mass<br>Lbs |
|-------------------|---------------------------|-------------|-------------|------------|------------|-------------|------------|------------|------------|------------|--------------|------------|-------------|
| PP-DM12-12R-FS-03 | 2,640                     | 22.8"-33.5" | 26.4"-37.0" | 8.3"       | 38.6"      | 11.6"       | 60.8"      | 49.2"      | 2.0"       | 40.2"      | 23.4"        | II         | 1,195       |
| PP-SM17-12R-FS-10 | 3,740                     | 22.8"-33.5" | 40.1"       | 8.3"       | 38.6"      | 11.6"       | 60.8"      | 49.2"      | 2.0"       | 40.2"      | 23.4"        | II         | 1,195       |

## ROLLERFORKS® PUSH/PULL for refrigerated containers

|                    |       |             |             |       |       |       |       |       |      |       |       |    |       |
|--------------------|-------|-------------|-------------|-------|-------|-------|-------|-------|------|-------|-------|----|-------|
| PP-DM12-12RC-FS-03 | 2,640 | 25.2"-35.8" | 26.4"-37.0" | 10.6" | 38.6" | 11.6" | 60.8" | 49.2" | 2.0" | 40.2" | 22.6" | II | 1,175 |
| PP-SM17-12RC-FS-10 | 3,740 | 25.2"-35.8" | 40.1"       | 10.6" | 38.6" | 11.6" | 60.8" | 49.2" | 2.0" | 40.2" | 22.6" | II | 1,175 |

Model PP-DMXX-12R-FS-03 is a dual-faceplate model, model PP-SMXX-12R-FS-10 is a single-faceplate model.

Two hydraulic functions required.

Optional with 8/3 valve.

Optional quick change.

Recommended pressure 2300 - 3190 PSI, recommended flow 2.6 gpm.

### 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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