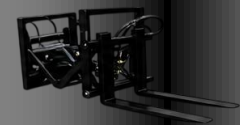
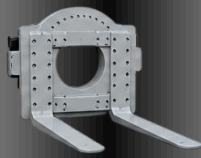




FORKLIFT ATTACHMENTS

LOAD HANDLING SOLUTIONS



Industrial Attachments for Pallet, Roll, Bulk and Special Load Handling



PAPER ROLL CLAMP

Damage-Controlled Roll Handling

Designed to handle cylindrical paper rolls without pallets. The clamp arms apply controlled contact pressure and can be configured for different roll diameters, weights and handling orientations.

KEY FEATURES

- Hydraulic clamping for pallet-free roll handling
- Contact-pad geometry selected for the roll surface
- Suitable for paper, tissue and converting operations
- Optional rotation and pressure-control functions



Paper roll clip

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION	PARAMETER	SPECIFICATION
Attachment type	Hydraulic roll clamp	Rotation	Optional
Typical load	Cylindrical paper rolls	Contact pads	Application-specific
Hydraulic functions	1–2, by configuration	Capacity range	Project-specific
Mounting	ITA carriage / custom	Finish	Industrial coated steel



FORKLIFT ROTATOR

Controlled Load Rotation

A rotator allows the carriage or forks to rotate for emptying bins, containers or process loads. It is commonly applied in recycling, food processing, agriculture and general industrial handling.

KEY FEATURES

- Controlled clockwise and counter-clockwise rotation
- Supports container emptying and process transfer
- Available with forks or clamp combinations
- Hydraulic protection and speed control options



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION	PARAMETER	SPECIFICATION
Attachment type	Hydraulic rotator	Compatible tools	Forks / clamps
Rotation angle	Up to 360°, model-dependent	Capacity range	Project-specific
Hydraulic functions	1	Drive system	Hydraulic
Mounting	ITA carriage	Primary use	Tipping and inversion



SIDE SHIFTER

Precision Lateral Load Positioning

The side shifter moves the fork carriage laterally so the operator can align a pallet or load without repositioning the entire forklift. This improves placement accuracy and reduces repeated truck manoeuvres.

KEY FEATURES

- Left-right carriage movement from the operator position
- Improved pallet alignment in racks and trailers
- Helps reduce handling time and load damage
- Integral and hook-on configurations available



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION	PARAMETER	SPECIFICATION
Attachment type	Hydraulic side shifter	Fork interface	Standard carriage
Movement	Left / right	Capacity range	Truck-dependent
Hydraulic functions	1	Construction	Welded steel frame
Mounting	ITA Class 2–4 typical	Application	Pallet positioning



MATERIAL HANDLING BUCKET

Bulk Material Loading and Transfer

A forklift-mounted bucket converts the truck into a compact bulk-material handling unit for light aggregates, grain, waste, chips and similar loose materials. Bucket volume and edge design are selected for the material density.

KEY FEATURES

- Suitable for loose and bulk materials
- Reinforced cutting edge and bucket body
- Mechanical or hydraulic discharge options
- Custom widths and volumes available



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION	PARAMETER	SPECIFICATION
Attachment type	Forklift bucket	Bucket volume	Project-specific
Material handled	Loose bulk material	Cutting edge	Reinforced steel
Discharge	Mechanical / hydraulic	Capacity check	Required
Mounting	Fork pockets / carriage	Application	Loading and transfer



DOUBLE PALLET HANDLER

Multi-Pallet Productivity

A double pallet handler allows one forklift to handle two pallets side by side when aisle width, load geometry and truck capacity permit. The attachment can close to operate as a conventional single-pallet fork system.



KEY FEATURES

- Handles one or two pallets, depending on configuration
- Hydraulic fork spreading and positioning
- Improves throughput in beverage and distribution operations
- Requires residual-capacity and aisle-clearance verification

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION	PARAMETER	SPECIFICATION
Attachment type	Double pallet handler	Fork spacing	Hydraulically adjustable
Pallet modes	Single / double	Capacity range	Project-specific
Hydraulic functions	1–2	Typical sector	Beverage / logistics
Mounting	ITA carriage	Verification	Residual capacity required



TILTING CARRIAGE

Controlled Forward and Back Tilt

The tilting carriage provides additional forward or backward load inclination beyond the standard mast geometry. It supports specialised load positioning, container handling and applications requiring controlled discharge angles.

KEY FEATURES

- Additional controlled tilt at the carriage
- Supports positioning and discharge operations
- Can be combined with forks or dedicated tools
- Heavy-duty frame with hydraulic cylinders



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION	PARAMETER	SPECIFICATION
Attachment type	Hydraulic tilting carriage	Tool interface	Forks / attachment
Tilt direction	Forward / backward	Tilt range	Model-dependent
Hydraulic functions	1	Capacity range	Project-specific
Mounting	ITA carriage / custom	Primary use	Positioning / discharge



FORK CLAMP / FORK POSITIONER

Hydraulic Fork Spacing and Clamping

This attachment hydraulically adjusts fork spacing and, in suitable configurations, can clamp approved loads. It reduces manual fork adjustment and supports mixed pallet sizes and specialised handling tasks.



KEY FEATURES

- Hydraulic fork-position adjustment from the seat
- Supports changing pallet and load widths
- Available as fork positioner or clamping version
- Pressure-control and side-shift options available

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION	PARAMETER	SPECIFICATION
Attachment type	Fork positioner / clamp	Fork type	Integrated / standard
Hydraulic functions	1–2	Side shift	Optional / integral
Opening range	Model-dependent	Capacity range	Project-specific
Mounting	ITA Class 2–4 typical	Primary use	Width adjustment



FORK CARRIAGE & FLAT FORK ASSEMBLY

General and Special Load Handling

A fork carriage and fork assembly forms the primary load interface of the forklift. Fork length, section, taper and mounting class must match the load, carriage, rated capacity and data-plate requirements.

KEY FEATURES

- Multiple fork lengths, sections and tapers
- ITA hook-type and special mounting options
- Carriage and fork configurations for varied loads
- Replacement selection based on truck data plate



TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION	PARAMETER	SPECIFICATION
Attachment type	Fork and carriage assembly	Fork spacing	Manual / hydraulic
Mounting class	ITA / custom	Carriage width	Truck-dependent
Fork length	Application-specific	Material	Heat-treated alloy steel
Fork section	Capacity-specific	Selection basis	Truck data plate