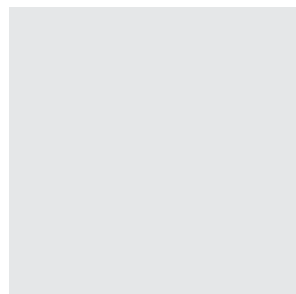
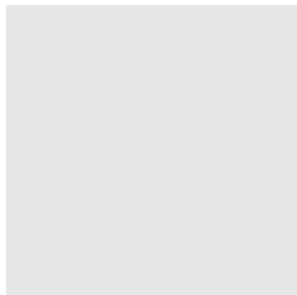
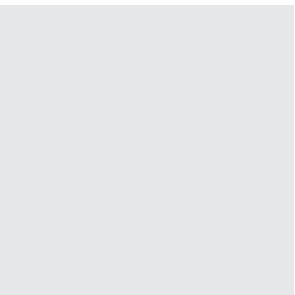


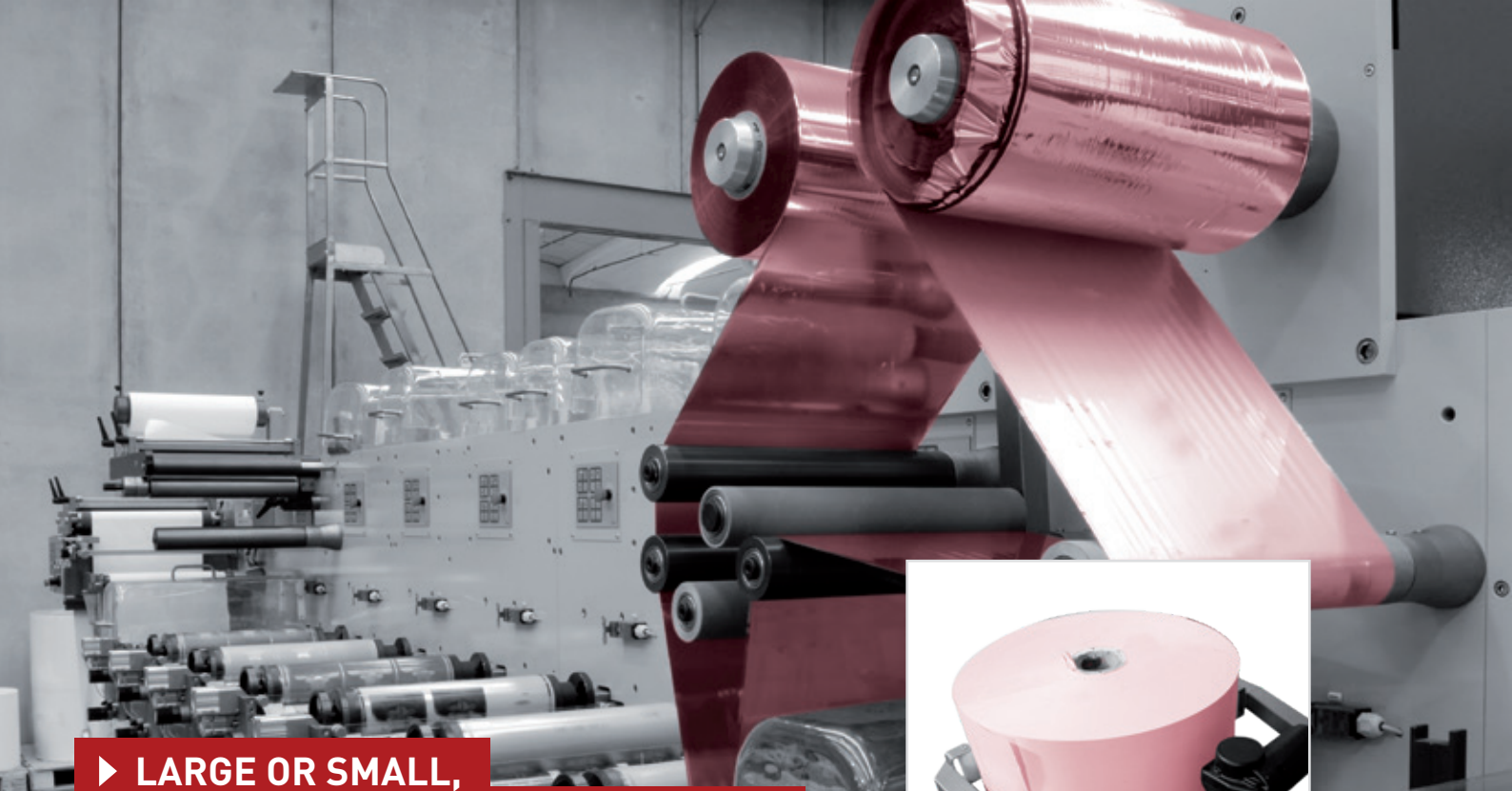
HANDLING OF REELS



HOVMAND
LIFTING & MOVING TECHNOLOGY

EH ERGO[®]
HANDLERS

WE IMPROVE OUR CUSTOMERS' WORKFLOW WITH INTELLIGENT LIFTING AND MOVING SOLUTIONS



► LARGE OR SMALL, SHORT OR LONG, HIGH OR LOW

Lifting and moving reels the
Hovmand way.

FUNCTIONALITY

We provide you with an intelligent range of reel lifting and moving options - from lifters for the most basic handling of reels with a boom or V-block over specialised designs that grip the reel by the core or from the outside and turns it around.

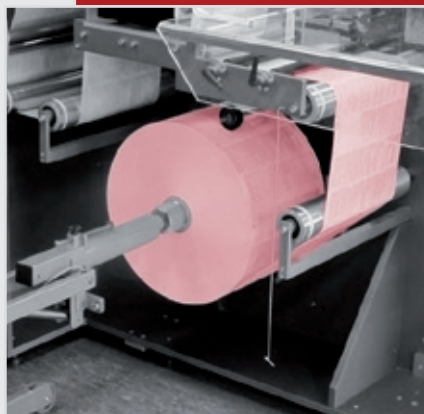
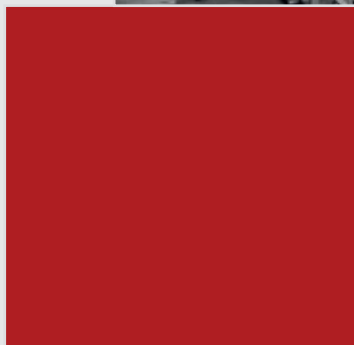
OPPORTUNITIES

Using a Hovmand lifter makes it possible for you to:

- Use larger reels
- Load reels directly into the packaging machine
- Lift and move reels singlehanded
- Place reels high or low without other equipment or help
- Easily pick up reels from a pallet

EFFICIENCY

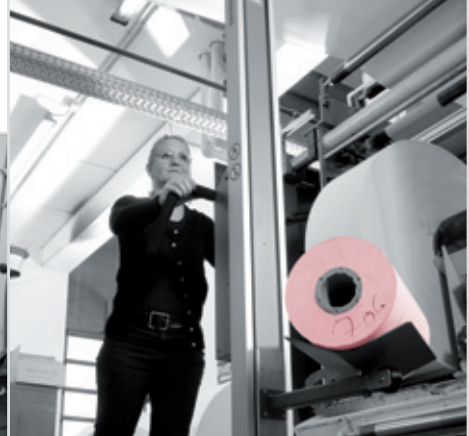
Using larger reels reduce process down-time. You save time; one person can do the work. You get a more efficient use of your storage facility; the reels may be stacked higher. Your Hovmand lifter will increase your efficiency and minimises costs!



► SIMPLE TOOLS FOR REELS

Equip your Hovmand lifter with a Boom or V-block and solve your lifting and moving tasks easy and straightforward.

A lifter with a Boom or V-block provides you with a simple and intelligent solution for handling your reels. The Booms and V-blocks come in different shapes and sizes, as do the lifters, making it possible to suit almost any task that need handling of reels.



► GRIPPING IN THE CORE

With a Hovmand Reel Manipulator you grip the reel by its core, move, lift and rotate it.

With the Reel Manipulator, you grip the reel by its core with expanding grippers and rotate it any way that suits your process. The number of options in design, dimensions and accessories makes it possible to build a lifter for almost any lifting and moving situation.

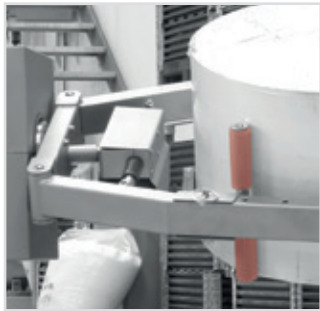




► GRIPPING OUTSIDE THE REEL

With Hovmand's Grip & Turn functionality, you lift, move and handle the reels by gripping them from the outside.

The versatility and adaptability of Hovmand lifters make it possible for you to handle reels by gripping them from the outside and rotate them. With the options in size, design and accessories, we can help you enhance almost any kind of lifting and moving process.

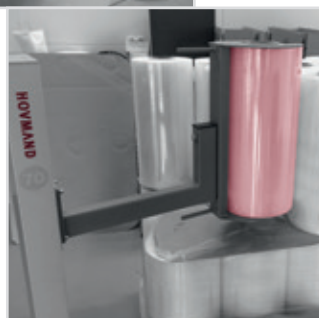
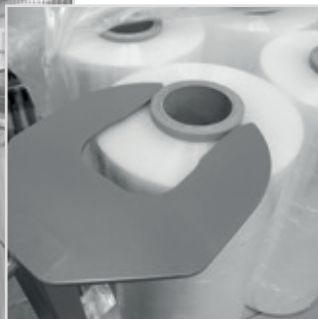


► WRAPPING-FILM

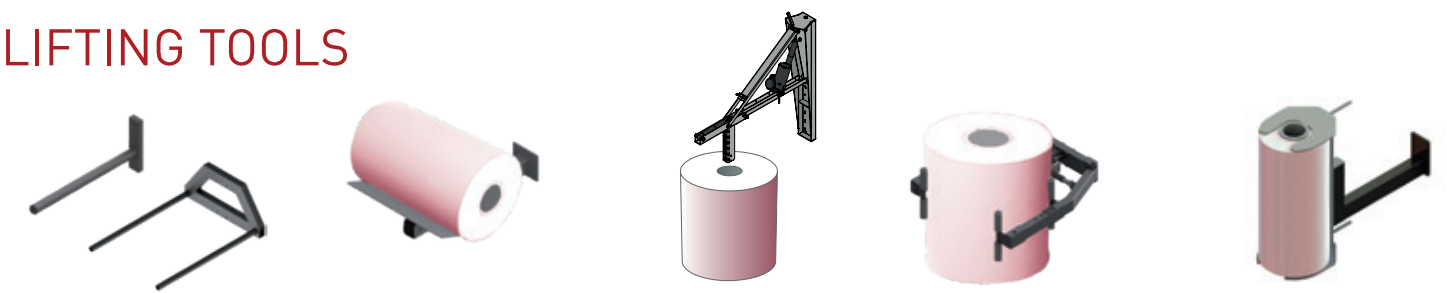
The Reel Handler makes handling of wrapping-film easy and efficient. The Wave handles the top film.

With the Hovmand Reel Handler you grip the wrapping film directly from the pallet and place it on the wrapping machine. You can take film stacked in two or three levels and place them high or low on the machine.

If you use top film we also have a solution for this: The Wave tool helps you handle top film from the pallet to the machine without any manual lifting!



LIFTING TOOLS



BOOM & DOUBLE BOOM	WAVE AND V-BLOCK	GRIP INSIDE REEL MANIPULATOR	GRIP OUTSIDE GRIP & TURN UNITS	REEL HANDLER
With a Boom you lift the reel in the core. The Double Boom lifts underneath the reel and keeps the core free.	The Wave and the V-block is a V-shaped plate in which the reel is placed upon. The V-block can rotate and the reel can be placed directly on the machine or with a mandrill.	The Reel Manipulator grips in the core whereby you can get the reels even when placed closely together. The Reel Manipulator can tip the reel and place it directly in the packaging machine.	A Grip & Turn unit grips from the outside and turns the reel. Grip & Turn units are suitable for large reels or reels with mandrills.	The Reel Handler takes the film directly from the pallet – turns it if necessary – and places it directly on the wrapping machine.

LIFTING CAPACITY

Indication of maximum weights (kg) of reels with various combinations of lifting tools and lifters.

	Compact	70	80	90	130	200	INOX 90	INOX 200	E300
Boom (D)	100	70	80	90	130	200	90	200	300
Double Boom (DD)	100	70	80	90	130	200	90	200	300
V-block (DVB)	60	30	40	50	60		60		
Reel Manipulator, manual (MRP1)		30	40	40	40				
Reel Manipulator, manual (MRP2)			50	50	80	100	50	100	
Reel Manipulator, electric (VER)						140		140	200
Grip/Turn (QC6)						100		100	
Grip/Turn (EG6)						150		150	250
Grip/Tip forward (EG8)						100		100	140
Reel Handler		20	20						
Wave			50	80	100				

The above table is based on the handling of reels with a width of maximum 600 mm and a diameter of 1000 mm. If the reel-dimensions exceed these measurements, the recommended weight is reduced.

TECHNICAL SPECIFICATIONS FOR LIFTERS

	Compact	70	80	90	130	200	INOX 90	INOX 200	E300
Material	Stainless steel and aluminium	Aluminium and steel	Aluminium and steel	Aluminium and steel	Aluminium and steel	Aluminium and steel	Aluminium og stål	Stainless steel	Stainless steel
Weight - kg	24	27	30	43	43	55	41	67	105
Lifting height/low Mast height - mm	565/ 990	1000/ 1225	1200/ 1520	1200/ 1520	1200/ 1520	1200/ 1597	956/ 1225	1200/ 1610	
Lifting height/medium Mast height - mm		1300/ 1517	1600/ 1920	1600/ 1920	1600/ 1920	1600/ 1976	1245/ 1520	1570/ 1980	1300/ 1970
Lifting height/high Mast height - mm		1700/ 1917		2000/ 2320	2000/ 2320	2000/ 2397	1651/ 1922	2000/ 2410	1650/ 2320
Lifting speed mm/sec	43	125	125	270/125	125	125	270/125	125	125

The 130 can be delivered with lifting height up to 2680 mm.



HOVMAND

Hovmand is the world's leading manufacturer of mobile lifters. For decades, we have been supplying our lifters to a wide range of companies, large and small, and to a multitude of industries for diverse applications.

Our product portfolio covers a large number of requirements, which allow you to carry out individual lifting operations and complex lifting procedures. Maximum ease-of-use and constant implementation of technical and ergonomic improvements are our top priority and form a long tradition in our company.

We ensure a close and personal relationship at the regional level with our customers, who are all assisted by fully trained local distributors.

Dealer:



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