Movomech roll handling

movomech
Weightless applications

Safe handling of rolls

Advantages
Movomech can supply many different solutions for handling rolls, adapted to a number of various businesses and handling situations. The various combinations for installation offer many possibilities to find a complete solution for your needs.

All tools are completely mechanical, and require neither electricity, pneumatics nor hydraulics.

Safety
The Movomech range of roll handling tools are designed to be experienced as reliable and solid. The locking function works so that a higher load generates a better grip, and this provides safe and secure handling.

"
Welcome
to share our
concepts for safe
and ergonomic roll
handling!
"

Which version suits you?

GW

Smooth rotation

The roll handling tool GW has a self-turning feature with pivoting around the common centre of gravity of the tool and the roll.

RH

Locking with a handle

The roll handling tool RH is used for handling standing roll, without pivoting. A lever activates the mechanical locking function.
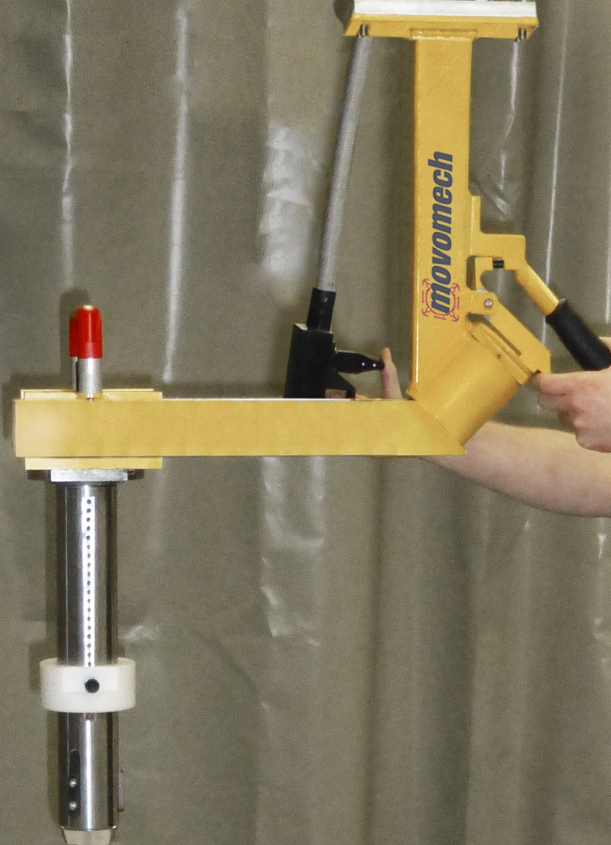
AL

Auto-locking

AL is the tool for intuitive and quick load handling! The locking of the roll alternates automatically between grip and release during the lifting cycle of the tool - a smooth and ergonomic handling that does not require any extra manipulation by the operator.

All roll handling tools are supplied painted in standard colour yellow RAL 1028.

> **"** The tool does not require any electricity, pneumatics or hydraulics. **"**

Roll handling GW

Manual gripping function

The roll is gripped mechanically using gripping teeth in the tool tube. The operator activates these with a simple manipulation.

Increased security when lifting

The heavier the load is, the tighter the gripping teeth hold the roll, and this provides for safe and secure handling.

Rotating round the centre of gravity

The roll handling tool GW pivots around the common centre of gravity of the tool and the roll. This means that the rotational movement is soft and controlled = good operator handling ergonomics!
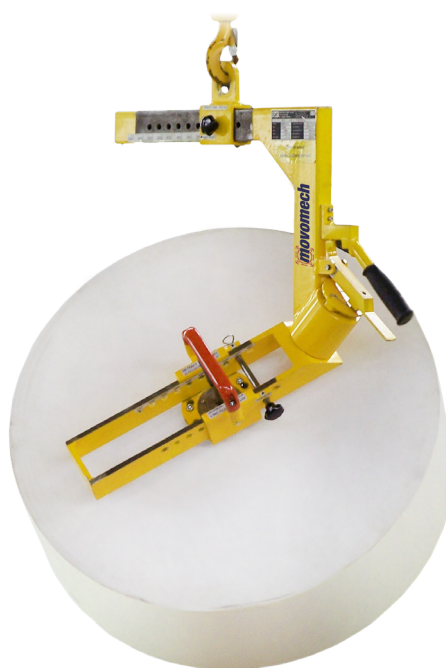
A brake provides the means for stopping the rotational movement when needed.

Many installation possibilities

There are many ways of installing our tools so as to suit the requirements that the customer has regarding placing and stability. The tool may be combined with a hoist in a crane or a rail system, or it can be mounted on a telescoping pillar lift - Mechlift - for handling that requires greater precision.

Simple maintenance - high productivity

The roll handling tool GW is completely mechanical, and does not require any electricity, pneumatics or hydraulics. Fewer components contribute to simpler service and less maintenance, and this makes for higher availability in production!

Introduction	Lowering	Automatic gripping when lifting	Manual rotation	Lowering	Extraction

Roll handling GW – concept with chain hoist

Technical specifications GW70-MC-60, GW70-GMC-80		
Concept	**Roll handling GW70-MC-60**	**Roll handling GW70-GMC-80**
Lifting unit	Mechchain 125	GMC 200
Part number	according to catalogue	737186
Lifting capacity	125 kg	200 kg
Stroke	5 m (7 m optional)	3 m (6 m optional)
Lifting speed	0-12 m/min (frequency controlled)	0-6 m/min
Weight lifting unit	17 kg	10 kg
Output	0.22 kW	0.45 kW
Voltage	1x230V N PE (±15%) 50/60 Hz	1x230V N PE (+5/-15%) 50 Hz
Remote control	optional	optional
Roll handling tool	GW70	GW70
Part number	740575	740575
Tool weight	65 kg	65 kg
Counterweight included in tool	yes	yes
Rotation brake	yes	yes
Maximum weight of roll	60 kg	80 kg
Core material	cardboard/plastic	cardboard/plastic
Core diameter	70-76.2 mm	70-76.2 mm
Outside diameter	250-1000 mm	250-1000 mm
Height	200-650 mm	200-650 mm

Roll handling tool GW70

Mechchain 125

GMC 200

Roll handling GW – concept with electric Mechlift

Technical specifications GW70-ML-80	
Concept	**Roll handling GW70-ML-80**
Lifting unit	Mechlift 150
Part number	according to catalogue
Lifting capacity	150 kg
Stroke	0.5-1.5 m
Lifting speed	0-12 m/min (frequency controlled)
Weight lifting unit	maximum 155 kg
Output	0.75 kW
Voltage	1x230V N PE (±15%) 50/60 Hz
Remote control	no
Roll handling tool	GW70-ML
Part number	740576
Tool weight	33 kg
Counterweight included in tool	no
Rotation brake	yes
Maximum weight of roll	80 kg
Core material	cardboard/plastic
Core diameter	70-76.2 mm
Outside diameter	250-1000 mm
Height	200-650 mm

Roll handling GW70-ML-80

Roll handling RH

Rapid and simple locking
A lever activates the mechanical locking of the roll.

Increased security when lifting
The mechanical design includes an autolocking function - the heavier the load, the tighter the grip.

Solid design
The roll handling tool RH is a solid tool! It is designed for rough industrial environments, and the solidity of the tool remains, even through frequent and hard-wearing work.

Simple and flexible installation
The tool is simple to combine with a hoist and a wall or pillar-mounted turning crane. A roof-mounted rail system is best if you need a wider-ranging tool.

Since the roll handling tool RH is fully mechanical, it is convenient and easy to unmount when the hoist is used for other work.

A minimum of maintenance
Since the roll handling tool RH is fully manual, it needs a minimum of maintenance.

Profitable ergonomics
Lifting rolls can be a heavy and fatiguing job. Investing in good ergonomics will increase profitability with a quicker production process, less damage and happier workers.

> **„**
> Lifting aids improve ergonomics and safety in many spheres all over the world.
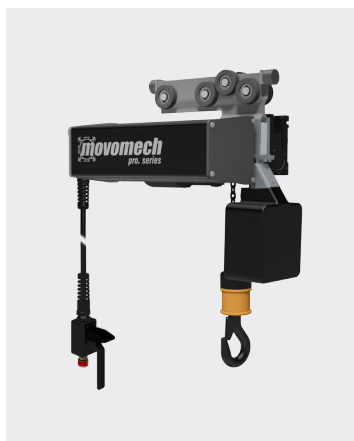> **„**

Roll handling RH – concept with hoist

Technical specification
RH70-MC-110, RH70-GMC-90

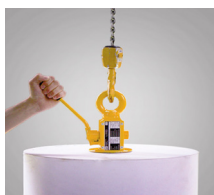| Concept	Roll handling GW70-MC-110	Roll handling GW70-GMC-90
Lifting unit	Mechchain 125	GMC 100
Part number	according to catalogue	738010
Lifting capacity	125 kg	100 kg
Stroke	5 m (7 m optional)	3 m (6 m optional)
Lifting speed	0-12 m/min (frequency controlled)	0-12 m/min
Weight lifting unit	17 kg	10 kg
Output	0.22 kW	0.45 kW
Voltage	1x230V N PE (±15%) 50/60 Hz	1x230V N PE (+5/-15%) 50 Hz
Remote control	optional	optional
Roll handling tool	RH70	RH70
Part number	740577	740577
Tool weight	9 kg	9 kg
Maximum weight of roll	110 kg	90 kg
Core material	cardboard/plastic	cardboard/plastic
Core diameter	70-76.2 mm	70-76.2 mm

Roll handling tool RH70
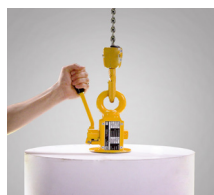

Mechchain 125

GMC 100

Introduction

Manual locking

The lock grips
the roll

Lifting

> ❞
> Alternating gripping
> and releasing functions
> provide intuitive and
> simple handling…
> ❞

Roll handling AL – Auto-Lift

Intuitive and rapid handling
The roll handling tool AL is designed for intuitive and quick load handling! The locking of the roll alternates automatically between grip and release during the lifting cycle of the tool - a smooth and ergonomic handling that does not require any extra manipulation by the operator.

Increased security when lifting
Just like the other roll handling tools in the Movomech standard range, the AL has an auto-locking function - the heavier the load, the tighter the grip.

Solid design
Tough jobs are no problem for the roll handling tool AL! It is designed to stand tough industrial environments without giving up on precision or durability.

Many installation possibilities
It is suitable to combine the tool with a hoist and a wall or pillar-mounted turning crane. A roof-mounted rail system is best if you need a wider freedom of movement.

Since the roll handling tool AL is fully mechanical, it is convenient and easy to unmount when the hoist is used for other work.

Ergonomic = economic
Investments in operator ergonomics will quickly pay itself back. The operator feels less fatigued, and the risks of future repetitive strain injuries lessened.

Investing in a reliable and productive product will give you the most economically competitive solution.

Roll handling AL – concept with hoist

	Technical specification AL70-MC-110, RH70-GMC-90	
Concept	**Roll handling AL70-MC-110**	**Roll handling AL70-GMC-90**
Lifting unit	Mechchain 125	GMC 100
Part number	according to catalogue	738010
Lifting capacity	125 kg	100 kg
Stroke	5 m (7 m optional)	3 m (6 m optional)
Lifting speed	0-12 m/min (frequency controlled)	0-12 m/min
Weight lifting unit	17 kg	10 kg
Output	0.22 kW	0.45 kW
Voltage	1x230V N PE (±15%) 50/60 Hz	1x230V N PE (+5/-15%) 50 Hz
Remote control	optional	optional
Roll handling tool	AL70	AL70
Part number	740578	740578
Tool weight	12 kg	12 kg
Maximum weight of roll	110 kg	90 kg
Core material	cardboard/plastic	cardboard/plastic
Core diameter	70-76.2 mm	70-76.2 mm

Roll handling tool AL70

Mechchain 125

GMC 100

Introduction

Lowering

Automatic gripping

Lifting

Lowering releases the roll

Lifting

Extraction

Ready for a new lifting cycle

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