

INDUSTRIAL  
**LIFTING & DISCHARGING  
EQUIPMENT**



**DC NORRIS**  
NORTH AMERICA

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## Our industrial lifting & discharging equipment suits a wide variety of applications.

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DC Norris North America is a leading provider of lifts, loaders and discharging equipment for the food industry. Based on a broad range of standard loaders, DC Norris offers loading equipment to various types of processing plants.

Experience gathered from a large number of turnkey solutions has made us experts in ergonomically designed, customized loaders.

### **SAFETY, RELIABILITY & CONVENIENCE**

Designed for safe, reliable and convenient operation, thousands of DC Norris loaders are in operation all over the world within a multitude of different segments.

All products are CE-marked and manufactured with focus on flexibility, high quality and hygienic design. Designed completely in stainless steel, they comply with every food safety regulation in the industry.

### **APPLICATIONS:**

- Industrial food processing & manufacturing
- Pet food manufacturing
- Pharmaceutical productions
- Food processing waste handling
- Fish, meat & poultry processing
- Fruit processing

# LOADING EQUIPMENT



## LOADER L25

The loader L25 is a sturdy loader, specifically suitable for tasks within the food industry requiring accuracy and stability. DC Norris column loader L25 is designed for lifting and discharging of 210/300 l meat trolleys to various levels. The loader is also available for lifting and emptying of barrels and bins or may be mounted with a platform for trolleys or persons according to the customers' special requirements. L25 can be supplied as a stationary or mobile unit and in right or left hand execution. It is made of stainless steel with a load-bearing central pipe supporting the slider and giving a strong and stable design.

### Technical specifications

Lifting capacity	kg	350
Lifting speed	m/min	5
Discharge height	mm	up to max 6000*
Motor	kW	0.75
Voltage	V	3x400 - 50 hz
Protection level		IP 64 - IP 55
Weight (height 2225 mm)	kg	350
Finish	stainless steel (AISI 304), bead blasted	

\* Mobile up to max height = 2500 mm



## LOADER L50

The loader L50 is specifically designed for lifting and discharging of containers. L50 is also delivered with platforms for trolleys, pallets and other special equipment with special lifting fittings tailored according to customer requirements. The loader can be delivered as stationary or moveable units and in right or left hand execution. L50 is sturdy, reliable, and stable. It is made of a strong stainless steel folded profile column ensuring a smooth and easy-to-clean surface.

### Technical specifications

Lifting capacity	kg	500
Lifting speed	m/min	4.5
Discharge height	mm	max 6000*
Motor	kW	1.1
Voltage	V	3x400 - 50 hz
Protection level		IP 64 - IP 55
Weight (height 2225 mm)	kg	600
Finish	stainless steel (AISI 304), bead blasted	

\* Mobile up to max height = 2500 mm

# LOADING EQUIPMENT

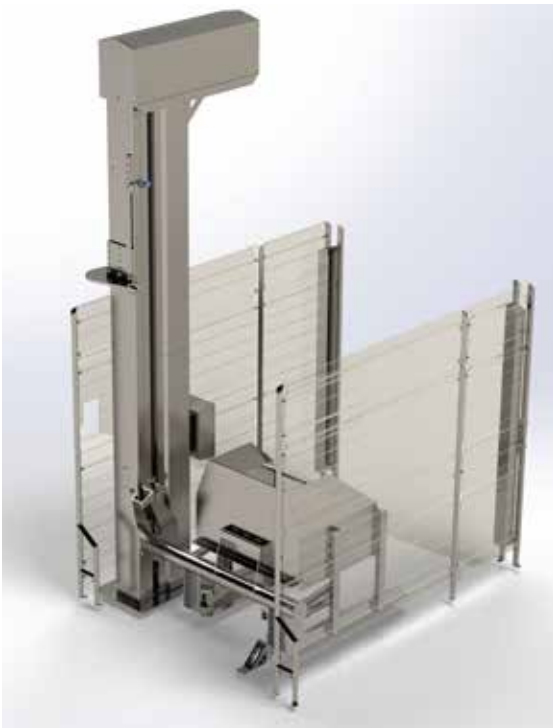


## LOADER L75

The L75 is specifically designed for lifting and discharging of big and heavy containers. L75 is delivered with platforms for trolleys, pallets, bins and other equipment with special lifting fittings tailored according to the customer requirements. The loader can be delivered as stationary or moveable units and in right or left hand execution. To ensure a smooth and stable operation in the heavy duty loaders, the lifting fork is attached to a roller guiding sleeve placed in a rail system and supported by a strong folded profile column. The loader is driven by a heavy roller chain and the motor has an electric safety brake.

### Technical specifications

Lifting capacity	kg	750
Lifting speed	m/min	3.2
Discharge height	mm	max 5000
Motor	kW	1.5
Voltage	V	3x400 - 50 hz
Protection level		IP 64 - IP 55
Weight (height 2225 mm)	kg	800
Finish	stainless steel (AISI 304), bead blasted	



## LOADER L120

The L120 is specifically designed for lifting and discharging of big and heavy containers. L120 is delivered with platforms for trolleys, pallets, and other equipment with special lifting fittings tailored according to the customer requirements. The loader comes as stationary only, in right or left hand execution. To ensure a smooth and stable operation in the heavy duty loaders, the lifting fork is attached to a roller guiding sleeve placed in a rail system and supported by a strong folded profile column. The loader is driven by heavy roller chains and the motor has an electric safety brake.

### Technical specifications

Lifting capacity	kg	1200
Lifting speed	m/min	3.2
Discharge height	mm	max 5000
Motor	kW	2.2
Voltage	V	3x400 - 50 hz
Protection level		IP 64 - IP 55
Weight (height 2225 mm)	kg	950
Finish	stainless steel (AISI 304), bead blasted	

# SWING LOADING EQUIPMENT



## SWING LOADER SL25

The hydraulic swing loader SL25 is designed for discharging of standard 210 l and 300 l bins. During emptying, the bins can be stopped and held in any position required, which makes the lift very useful for controlled portioning, e.g. onto a table or via the accumulating chute into trays or boxes. SL25 is equipped with a compact, integral electro-hydraulic pump station, complete with oil tank, valves, stainless steel cylinder, motor guard, and control panel. All internal electric and hydraulic connections are supplied linked and screened. SL25 is produced in stainless steel with a hygienic design.

### Technical specifications

Lifting capacity	kg	300
Lifting speed	m/min	15
Discharge height	mm	max 5000
Motor	kW	1.1
Voltage	V	3x400 - 50 hz
Protection level		IP 64 - IP 55
Weight (height 2225 mm)	kg	225
Finish	stainless steel (AISI 304), bead blasted	



## SWING LOADER SL75/SL120

The SL75 / SL120 swing loader is applicable for very heavy tasks in the meat processing industry. The swing loader is used for the discharge of containers, bins, or for discharge and portioning onto tables. SL75 / SL120 is electro-hydraulically operated and supplied with a compact, integral electro-hydraulic pump station complete with oil tank, valves, stainless cylinders, motor guard, complete 24V control, internal wiring, and hydraulic connections. During emptying, the bins can be stopped and held in any position required.

### Technical specifications

Lifting capacity	kg	750/1200
Lifting speed	m/min	25
Discharge height	mm	
Motor	kW	1.1/2.2
Voltage	V	3x400 - 50 hz
Protection level		IP 64 - IP 55
Weight (height 2225 mm)	kg	700/900
Finish	stainless steel (AISI 304), bead blasted	

# ADDITIONAL LOADING EQUIPMENT

## LOADER L25 FOR BOXES

Loader type L25 spec is designed for the specific purpose of lifting boxes. The technology and know-how of this special loader is based on the well-known L25. The loader is extremely suitable within the food processing industry.

## SWING LOADER SL75 - 170°

SL 75-170° is applicable for heavy tasks in the food processing industry. The swing loader is used for discharge of containers or bins. As the discharge angle is 170°, the swing loader is perfect for emptying sticky products such as cabbage, dough etc.

## LOADER L25 FOR BOWLS

Special loader type L25 for lifting and discharging of bowls is basically designed as our standard loader type L25. This type is a further development of the standard loader. Besides the special fork to the bowl, the loader is equipped with an adjustable scraper, which can be moved upwards and downwards inside the bowl.

## LOADER L25 FOR PLATFORM

Special loader type L25 is equipped with a platform capable of lifting bags, barrels, or the like between two different levels of heights.

## LOADER L25 ADJUSTABLE WORK PLATFORM

In food processing the L25 adjustable work platform is used in tight spaces where a high and safe work platform is required. The L25 is typically used for:

- De-icing operations
- In-feed to portioning- and packing machines

## LOADER L25 WITH SEPARATE TIPPING CHUTE

Special loader type L25 equipped with a separate tipping chute is used if there is liquid together with the product. The chute is tipped before the trolley starts tipping, thus minimizing waste.

## LOADER L50 FOR DE-ICING

In fish processing the L50 for de-icing is used for lifting pallets with fish or fillet boxes in plastic or styroform to the correct ergonomic working height to carry out de-icing.

## LOADER L50 FLOOR MOUNTED

In food processing the L50 for palletizing is used to achieve the correct ergonomic working height for operators who stack boxes containing finished products onto pallets.

## LOADER L50 FOR TROLLEY LOADING

In food processing the L50 for trolley loading is used to achieve the correct ergonomic working height for operators who are placing fillets on smoke trolleys.

# WE'RE HERE TO HELP YOU LEAD THE EVOLVING NORTH AMERICAN FOOD MARKET

The processing equipment manufactured by DC Norris leads the global food production industry. So too, do our teams. Our commitment to partnership with our clients is what truly drives global food cultures forward. Together, we innovate to feed the world the best foods possible and to make continual strides in convenience and accessibility by improving efficiency, lowering cost, and minimizing environmental impact.

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231.935.1519  
[mail@dcnorrisna.com](mailto:mail@dcnorrisna.com)



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