



ATLANTA CRANE & AUTOMATED HANDLING, INC.

WWW.ATLANTACRANE.COM

2 SPEEDS FOR THE PRICE OF 1

**Demag DC-Pro Chain Hoist
Demag DCM-Pro Manulift**

and

The new Demag DC^{COM} Chain Hoist



Two Speeds Standard For The Price Of One

2 for 1

INNOVATION@WORK

Your benefits: More power • all-inclusive equipment • plug and lift • greater ergonomics • long

Demag DC-Pro Chain Hoist Demag DCM-Pro Manulift

The new Demag hoists are the result of experienced engineers which have set the new standard. Demag engineers have concentrated on providing a hoist with performance, reliability, safety, maintainance, value and delivery in mind. The result is.....

Performance – Demag has developed an innovative hoist with performance in mind.

- The hoist is standard with high lifting speeds of 48, 32, or 24 fpm providing you the performance required for today's high production environments.
- For your high production needs, where accuracy is a must, the Demag DC-Pro and DCM-Pro are equipped with a second slow speed. (4:1 ratio high to low)

Reliability – Your production should not be slowed due to an equipment breakdown. That is why Demag developed their new DC-Pro Chain Hoist and DCM-Pro Manulift to operate at a FEM 2m+ (1900 full load hours), which means 20% more service life than HMI H4 rating.

- Each hoist is designed with a 5 or 6 pocket sprocket; this provides a smooth operation which increases the operator's load handling efficiency.

- The DC-Pro1, DC-Pro2, DC-Pro5, DC-Pro10, and DCM-Pro models are all reeved 1/1; this increases the life span of the chain and the duration of time between scheduled maintenance.

- Your production will not be halted due to a brake failure. By utilizing a regenerative braking circuit, the brake is design to last the lifetime of the hoist.

- Demag's unique operational and fault code display reduces your production down time by identifying the source of the problem.



Safety - Protect your operators from costly injuries by utilizing Demag's DC-Pro and DCM-Pro standard safety features.

- The hoist is standard with two lifting speeds providing the operator with the ability to use the slow speed to position those difficult to maneuver loads.
- The hoist is equipped with a slip clutch to prevent it from encountering an overload condition.
- The standard upper and lower limit switches prevent driving the bottom block into the bottom of the hoist. Thus, protecting the slip clutch from unnecessary wear, which limits its ability to prevent an overload.
- The pushbutton operates at 24 volts limiting the operator's exposure to dangerous high voltage.
- The pushbutton pendant can be adjusted in the field to an ergonomically correct position in relation to the operator. A pushbutton correctly adjusted, reduces the risk your operators face from repetitive motion.
- The Demag hoists under 4000 lbs. capacity are designed utilizing single fall chain drops, which reduce hazardous pinch points inherent to 2 to 1 reeved hoists.
- The internal diagnostics of the hoist monitors many of the safety features such as the slip clutch, brake wear, and phases. The monitor provides data, via an infrared signal to your PC, notifying the user of a possible breakdown before it happens.

longer service life • service friendly • gearbox, brake, coupling maintenance-free for up to 10 years

Demag DC^{COM} Chain Hoist

The DC^{COM} is the perfect choice to meet your material handling requirements!!

The DC^{COM} is equipped with standard two speed motors, economically priced to meet your material handling requirements.



Connections for the pendant and supply power simplify installation and provide versatility to relocate the hoist for other applications.

The field adjustable push button provides 10 ft of adjustment to easily adapt to your operators ergonomic requirements.

The push button pendant is compact and lightweight with buttons that are easy to depress. The cable also flexes easily so that the pendant can always be held in a comfortable position. This ergonomic design significantly reduces the risk of repetitive motion injuries.

Installation is quick with the easy access maintenance panel, behind which you will find access to the chain lubrication point, the power quick disconnect and the 10 ft of push button cable storage.

The control pendant features a plug-in design and can be easily replaced, if needed.



The unique chain guide, with five or six pocket sprocket, provides smooth hoist operation.

Standard Upper and Lower limit switches protect the hoist from unexpected over travels.

The die cast aluminum gear-box and motor, along with the electrical and fan impact resistant covers, protect the hoist's critical components.

The hoist comes complete with the following:

- Control Cable and DSC Control Pendant
- Chain Collector Container
- Chain Lubrication (Shipped Loose)
- Quick Disconnect for Supply Power (Shipped Loose)
- Operating Instructions
- Suspension Lug
- Upper & Lower Limit Switches
- 24V Control Voltage
- Rated For Outdoor Use (IP 55)
- 2 Year Warranty

The length of the control cable can be adjusted without the need for any wiring.

Adjust Up To 10 ft



SWL Lb (kg)	Chain Hoist Type	Hoist Speed at 60 Hz ft/min (m/min)	Hook Path ft (m)	FEM Group of Mechanisms	Reeving
275 (125)	DC ^{COM} 1	32/8 (9.6/2.4)	16 (5)	2m	1/1
550 (250)	DC ^{COM} 2	16/8 (4.8/2.4)		1Am	
1100 (500)	DC ^{COM} 5				

IP 55 enclosure, 40% and 60% duty factors

Demag DC-Pro Chain Hoist Demag DCM-Pro Manulift

Maintenance - All hoists require some maintenance but Demag has made it easier.

- Many of the replacement parts are of a modular design which minimizes the time to repair the hoist. In addition, the modular design improves the hoists reliability because, you are not solely replacing the worn component but all the related parts as well.
- The hoists are designed with a maintenance panel providing your service personnel easy access to the chain set, quick-disconnects, and an adjustable pendant cable.
- Demag centrally locates all the mechanical components behind one panel and the electrical components behind another IP55 (outdoor rated) enclosure.

Value - All of the reliability, performance, maintenance, and safety features are all standard on Demag's competitively priced new DC-Pro Chain Hoist and DCM-Pro Manulift.

Delivery - The New Demag DC-Pro Chain Hoist and DCM-Pro Manulift are performance hoists with many exciting features included as standard from the factory. This provides you with a performance hoist, which can ship within 24 hours from day it is ordered.

Flexibly adaptable to any task

The new Demag hoist is available in two versions: with a DSC control pendant and as a Manulift for handling loads with only one hand. A variety of proven load handling attachments facilitate flexible adaptation of the hoist to any task.

CALL FOR SERVICE
All Brands and Models

(678) 454-5300

Toll Free:
(800) 442-5303

Demag DC-Pro Chain Hoist

Load Capacity lb[kg]	Type	Hoist Speed		Groups of Mechanisms	Reeving	Lift ft [m]
		V1 ft/min (m/min)	V2 ft/min (m/min)			
275 [125]	DC-Pro 1	32/8 [8/2]	—	4M	1/1	16 [5] or 26 [8]
	DC-Pro 2	—	64/16 [16/4]			
550 [250]	DC-Pro 2	32/8 [8/2]	—	2m ⁺		
	DC-Pro 5	—	48/12 [14/4]	4M		
1100 [500]	DC-Pro 5	24/6 [6/1.5]	—	2m ⁺		
	DC-Pro 10	—	48/12 [14/4]	4M		
2200 [1000]	DC-Pro 10	24/6 [6/1.5]	—	2m ⁺		
	DC-Pro 20	—	48/12 [14/4]	4M		
4400 [2000]	DC-Pro 20	24/6 [6/1.5]	—	2m ⁺	2/1	

IP 55 enclosure, cyclic duration factor 60%

Demag DCM-Pro Manulift

Load Capacity lb [kg]	Type	Hoist Speed		Groups of Mechanisms	Reeving	Lift ft [m]
		V1 ft/min (m/min)	V2 ft/min (m/min)			
275 [125]	DC-Pro 1	32/8 [8/2]	—	4M	1/1	9 [2,8]
	DC-Pro 2	—	64/16 [16/4]			
550[250]	DC-Pro2	32/8 [8/2]	—	2m ⁺		
	DC-Pro 5	—	48/12 [12/3]	4M		

IP 55 enclosure, cyclic duration factor 60%