

## New Demag DC-Com chain hoist



**NEW  
FEM 2m  
60% CDF**

**The cost-effective solution**

NOW WITH DOUBLE THE SERVICE LIFE AND 50% HIGHER DUTY FACTOR

## Longer service life drives added value

Our Demag DC-Com chain hoists have always been the cost-effective solution for standard applications. We have now made them even more attractive by increasing their performance. The DC-Com model offers significantly more value with twice the service life and a 50% increase in duty factor (for size 2 and higher).

DC-Com hoists are designed for normal standard requirements. Thanks to their new FEM classification and duty factor, DC-Com hoists are now even more cost-effective. Their extremely rugged aluminum housing contains proven Demag hoist engineering for reliable operation. DC-Com units are very user-friendly and feature high standards of safety and reliability. They can be installed and put into operation quickly and easily.

### SIMPLE COMMISSIONING

- Plug & Lift and Plug & Drive – all electrical connections are plug-in design
- Simply attach the hoist to the trolley using the folding suspension bracket
- U 11 to U 34 trolleys can be quickly and easily adjusted to variable flange widths

Load capacity		Chain hoist Type	Reeving	Group of mechanisms FEM/ISO	Lifting speed		Lift [ft.]	Continuous Duty Factor [%]	16' Lift (for H5) [lbs]	
[lbs]	[kg]				[FPM]	[m/min]				
175	80	DC-Com 1	1/1	4m/M7	32/8	9.6/2.4	16' or 26' <sup>1)</sup>	60 (40/20)	49 / 21	
220/275	100/125			3m/M6						
350	160	DC-Com 2		3m/M6	24/6	7.2/1.8		60 (40/20)		
440/550	200/250			2m/M5						
695	315	DC-Com 5		3m/M6	24/6	7.2/1.8		60 (40/20)	62 / 27	
880/1,100	400/500			2m/M5						
1,390	630	DC-Com 10		3m/M6	16/4	4.8/1.2		60 (40/20)	106 / 47	
1,765/2,200	800/1,000			2m/M5						
2,755	1,250	DC-Com 10		2/1	3m/M6	16/4		4.8/1.2	60 (40/20)	143 / 63
3,525/4,400	1,600/2,000				2m/M5					

<sup>1)</sup> Longer hook paths on request



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## High-quality features are standard

FAST INSTALLATION AND COMMISSIONING

## Your benefits with the Demag DC-Com chain hoist

### RELIABLE DEMAG QUALITY

- 24V contactor control
- High level of safety thanks to the brake arranged in front of the slipping clutch
- Reliable operation from -4 to +113 °F (-20 °C to +45 °C) without any reduction in the duty factor (maximum of up to 140 °F / 60 °C)
- Two lifting speeds as standard with smooth starting and braking
- Maintenance monitoring thanks to a standard elapsed operating time counter and IDAPSY diagnostics interface
- Outstanding surface protection thanks to high-quality powder-coating
- IP 55 enclosure
- The entire chain drive can be quickly replaced without having to remove the motor or gear parts
- Gearbox maintenance-free for up to 10 years

The Demag DC-Pro chain hoist product range offers additional functions and options – also in the form of the variable-speed DCS-Pro and DCM-Pro Manulift models.

### ERGONOMIC HANDLING

- The length of the control cable can be adjusted without the need for any wiring, therefore the control pendant can always be in the right working position
- Fatigue-free operation thanks to the ergonomically optimized DSC and DSE 10-C control pendants
- Single-fall design for simple load handling (for units up to 2,200 lbs / 1,000 kg)
- Service-friendly
- Service Cover allows direct and quick access to:
  - Key plug-and-socket electrical connections
  - Control pendant height adjustment
  - Chain lubrication port

### TROLLEYS AND ELECTRIC DRIVES

Besides operation with the KBK crane construction kit, DC-Com chain hoists can also be used on I-beam and Patented Track Crane and Monorails. The push-travel trolleys are designed for smooth, low rolling resistance travel. Electric travel drives can also be added to the trolley for heavier loads. These travel drives feature adjustable, two-speed travel as well as smooth starting and stopping.



# DEMAG

A TEREX BRAND



## TEREX CORPORATION

Terex Corporation is one of the world's leading suppliers of crane technology with Demag industrial cranes and crane components. The core competence of the Terex Material Handling business group lies in the development, design and production of technically sophisticated cranes, hoists and components and the provision of services for these products. The business group manufactures in 16 countries on five continents and is present in more than 60 countries, reaching customers in more than 100 countries.

**Demag Cranes & Components Corp.**

29201 Aurora Road

Cleveland, OH 44139-1895

Phone: 440 248-2400

Fax: 440 248-3874

[www.demag-us.com](http://www.demag-us.com)