The New Demag DC-Com Chain Hoist

The Competitor Series
The operational range of the new DC-Com chain hoist is tailored to applications for standard requirements – just right for everyday use. It has all the quality standard features you expect from a Demag product.

DC-Com units can be easily integrated into the Demag KBK Crane Construction Kit enclosed track system. The new generation of U 11/U 22 trolleys provides smooth transfer of your loads on I-beam girders.

**This is what the new Demag DC-Com chain hoist has to offer**

- Simple installation
- Plug & lift and Plug & Drive – all electrical and control connections are a quick disconnect design.
- Simply hook the hoist to the trolley using the folding suspension lug.
- The flange width of the U 11/U 22 trolley is infinitely adjustable to accommodate a variety of I-beams.

### Selection table

<table>
<thead>
<tr>
<th>Capacity (lb. (kg))</th>
<th>Chain hoist type</th>
<th>Reieving</th>
<th>Hoist speed at 60 Hz ft/min</th>
<th>CDF %</th>
<th>Lift ft (m)</th>
<th>FEM Group of Mechanisms</th>
</tr>
</thead>
<tbody>
<tr>
<td>275 (125) DC-Com 1</td>
<td>1 / 1</td>
<td>32 / 8</td>
<td>60</td>
<td></td>
<td>2m</td>
<td>1Am</td>
</tr>
<tr>
<td>550 (250) DC-Com 2</td>
<td></td>
<td>24 / 6</td>
<td>40</td>
<td></td>
<td></td>
<td>1Am</td>
</tr>
<tr>
<td>1100 (500) DC-Com 5</td>
<td></td>
<td>18 / 4.5</td>
<td>40</td>
<td></td>
<td>16 (5) 1)</td>
<td>1Am</td>
</tr>
<tr>
<td>2200 (1000) DC-Com 10</td>
<td></td>
<td>16 / 4</td>
<td>40</td>
<td></td>
<td></td>
<td>1Am</td>
</tr>
<tr>
<td>4400 (2000) DC-Com 10</td>
<td>2 / 1</td>
<td>16 / 4</td>
<td>40</td>
<td></td>
<td></td>
<td>1Am</td>
</tr>
</tbody>
</table>

1) longer hook path on request
■ Ergonomic handling
  ■ The length of the control cable can be adjusted without the need for any wiring – the control pendant is always in the right working position
  ■ Fatigue-free operation thanks to the ergonomically optimized DSC control pendant, or DSE 10-C for electric travel trolleys
  ■ Single-fall chain design for simple and safe load handling (for units up to 2200 lb (1000 kg))
■ Service friendly
  ■ Quick and easy access to all important quick disconnect connections, height adjustment of the control pendant and chain lubrication points are behind the maintenance cover
  ■ The control pendant is quick disconnect design and can be easily replaced or changed
  ■ The entire chain drive can be quickly replaced without having to remove the motor or gear parts
■ FEM classification 1Am, 3m and 2m
■ 24 V contactor control
■ Two hoist speeds as standard
■ IP 55 enclosure

The DC-Pro product range offers a wide variety of functions and options for a broad range of applications.

Height-adjustable control cable

E trolley
The E 11 and E 22 electric travel drives were specially developed for operation with the new DC chain hoists. The travel drives can be adapted to the U 11/U 22 trolleys.