Functional Description

As the discharge wheel (2) rotates, the bulk material (1) is conveyed from the outer areas of the bunker shelf (3), through the slot plates (4) to the central outlet slot (5), where it drops onto the downstream conveying equipment (6). The discharge wheel (2) consists of the hub and specially shaped discharge arms (7) for minimum wear and energy consumption. The central outlet slot (5) is covered by the bunker saddle (8), which prevents uncontrolled material outflow. Travel rails (9) are located inside the saddle, allowing the bunker discharge system to travel on its wheels (10) the full length of the bunker – providing steady material discharge from end to end.
Block – Bunker Discharge System
Technical Data
Discharge Capacity 5... 3500 t/h

<table>
<thead>
<tr>
<th>Diameter of discharge wheel D1 [mm]</th>
<th>L1 [mm]</th>
<th>L2 [mm]</th>
<th>L3 [mm]</th>
<th>L4 [mm]</th>
<th>H1 [mm]</th>
<th>H2 [mm]</th>
<th>H3 [mm]</th>
</tr>
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<tbody>
<tr>
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<td>1300</td>
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Low profile – Bunker Discharge System
Technical Data
Discharge Capacity 2.5... 1750 t/h

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<th>L2 [mm]</th>
<th>L3 [mm]</th>
<th>L4 [mm]</th>
<th>H1 [mm]</th>
<th>H2 [mm]</th>
<th>H3 [mm]</th>
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<td>2000</td>
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<td>750</td>
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</table>

* Other sizes on request.
Solutions for bulk materials handling:

Product Range:
- Engineering; Planning; Design; Manufacturing; Installation and Commissioning for single machines and complete plants
- Bulk Material Testing
- Silo and Bunker Discharge Systems
  BinEX, PlanEX Silo Dischargers, Bunker Discharge System
- Conveying and Handling Systems for Bulk Materials
  Truck Unloading Station, Trailer Docking Station,
  Chain Conveyors, Screw Conveyors, Belt Conveyors
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- Coal and Lignite
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- Chemical
- Food
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- Environmental Protection, Sludge and Waste Handling

Loesche a privately owned and export-orientated company run by the owner, that was established in 1906 in Berlin. Today the company is internationally active with subsidiaries, representatives and agencies worldwide.

Our engineers are constantly developing new ideas and individual concepts for grinding technologies and preparation processes for the benefit of our customers. Their competence is mainly due to our worldwide information management. This also means that current knowledge and developments can be used immediately for our own projects.

The services of our subsidiaries and agencies are of key importance for analysis, processing and solving specific project problems for our customers.

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