DeLaval cable driven scraper CSL / CSH
Maximizing manure management

DeLaval cable driven scraper CSL and DeLaval cable driven scraper CSH are built for efficiently constant manure cleaning, with minimal associated costs.

Top performance and flexibility
This complete manure scraping solution includes a high performance scraper and winch system for long, trouble-free running hours. The scraper’s middle segment is constructed of straight claps so cleaning can start immediately and the outer part is made of folding wings which can adjust itself to the wall. The scraper is available in two different heights but the overall system and winch construction is standardized. DeLaval cable driven scraper CSL is 20 centimetres high and perfect for liquid manure. DeLaval cable driven scraper CSH is 28cm high and works well with semi-solid and solid manure in alleys up to 100 metres. Finally, the winch’s strong, square metal frame has mounting holes on all four sides for optimally flexible installation.

Low maintenance for less cost
The winch’s highly effective direct power transmission and cable driven system offer minimal power consumption, maintenance and associated costs. A 10mm thick stainless steel cable pulls the scraper. This helps ensure there’s no mechanical parts in the manure and gives extreme strength. All the system’s components work perfectly together for further maintenance reduction and inbuilt overload protection means that if a collision occurs, the scraper safely
Low noise – high durability
A centrally installed winch drum strongly winds the synthetically-centred cable from all directions to place less load on the system. The spring switch system aids this result by adjusting traction power and also reduces noise levels. The cable and stainless steel drum are corrosion resistant, while the blue hot-powder-coated scraper is designed for total acidity resistance. This quiet, slow moving scraper is also easily passed by cows and has no sharp edges, for optimal animal-friendly safety.

Winch
The winch’s highly effective direct power transmission and cable drive system offer minimal power consumption, maintenance and associated costs.

High quality – corner wheel
Polyamide wheels incased in a robust metal frame.

TECHNICAL FEATURES

<table>
<thead>
<tr>
<th>Scraper dimension:</th>
<th>CSL 20cm high from 160cm to 520cm</th>
<th>CSH 28cm high from 200cm to 440cm</th>
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<tbody>
<tr>
<td>Cable:</td>
<td>Chrome-nickel steel cable, 10mm diameter</td>
<td>The special plastic-core design guarantees long service life</td>
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<tr>
<td>Corner wheel:</td>
<td>D=200mm used for liquid manure in short installations</td>
<td>D=300mm used for semi-solid and solid manure in installations with long allys or with two scrapers</td>
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<td>Winch drive unit:</td>
<td>Galvanised frame, motor 400V/0,55kW/h Stainless steel drum. Manure removal speed 5m/min</td>
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