Manure Scrapers

• Chain Scrapers
• Cable / Rope Scrapers
• Channel Scrapers

The EYS Scraper System, along with DariTech design from equipment and control, bring you great scraper systems. As with all DariTech products, our goal is to reduce daily labor and repair costs.
**EYS Cable/Rope Scraper**

With the unique design of the EYS dual drive system, combined with stroke switch in corner wheel, you receive so many advantages:

• Eliminate the time to tighten cable
• Greatly reduce time to change cable
• Reduce the adjustments required for drop slot location
• Eliminate the out of adjustment problem with worm drive switching
• Repair and maintenance greatly reduced
• Galvanized construction

**EYS Channel Type Scraper**

EYS Channel Scrapers come with EYS dual drive systems for your channel. There are many advantages compared to the single drive system:

• Eliminate the extra cable or rope for the return cable and wear associated with it
• Eliminate maintenance with level wind timing
• Greatly reduce time when changing rope and cable
• Precise shut-off of end of stroke with no adjustment needed
• No end pulley boxes required

Optional V-Blade
EYS Chain Scraper

The EYS chain scraper has great features that sets them apart:

- All galvanized construction
- Gear reduction drive system
- Hardened chain for extended wear
- Easy chain tightening
- End switch in corner wheel for precise stopping

DT Scraper Control
PLC Panel

PLC Control Box:
With all DariTech EYS scrapers, we incorporate the use of PLC and VFD.

- Very good sensing of down cows or scraper interference
- Ability to choose scraper speeds for optimum alley cleanliness
- Ability to do partial strokes after end of cycle
- Accelerated speed for faster installation using VFD
- Fully flexible start timing options
- Remote accessibility for setting and monitoring from main office or a handheld device if desired.
## EYS Scraping Technical Specs

<table>
<thead>
<tr>
<th></th>
<th>Chain</th>
<th>Rope/Cable</th>
<th>Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive Type</td>
<td>Gearbox driven chain wheel</td>
<td>Gearbox driven drum</td>
<td>Gearbox driven drum</td>
</tr>
<tr>
<td>Drive Component</td>
<td>Heat treated chain</td>
<td>3/8&quot; or 1/2&quot; cable or 7/16&quot; rope</td>
<td>3/8&quot; or 1/2&quot; cable or 7/16&quot; rope</td>
</tr>
<tr>
<td>Drive Power</td>
<td>1 - 1.5 hp</td>
<td>1 - 1.5 hp</td>
<td>1 - 1.5 hp</td>
</tr>
<tr>
<td>Running Speed</td>
<td>4 - 10 ft per min</td>
<td>4 - 10 ft per min</td>
<td>4 - 10 ft per min</td>
</tr>
<tr>
<td>Maximum Scraping Length</td>
<td>500 ft</td>
<td>500 ft</td>
<td>500 ft</td>
</tr>
<tr>
<td>Max Scraper Length w/ Shuttle</td>
<td>800’</td>
<td>800’</td>
<td>800’</td>
</tr>
<tr>
<td>Scraper Width</td>
<td>3 ft - 19.5 ft</td>
<td>3 ft - 19.5 ft</td>
<td>1.5 ft - 3 ft</td>
</tr>
<tr>
<td>Scraper Height</td>
<td>7”</td>
<td>8”</td>
<td>7”</td>
</tr>
<tr>
<td>Scraper Design</td>
<td>Tilting</td>
<td>V-Blade</td>
<td>Tilting</td>
</tr>
</tbody>
</table>

### Why DariTech

DariTech is the most complete manure handling company in the industry. From separation, pumping or barn cleaning with flush or scrape, we understand the big picture of every dairies needs.