

***Combine Performance  
Innovative Tillage  
All HCC***



**HCC, inc.**



# **HIGH-PERFORMANCE COMBINE AND TILLAGE PRODUCTS**

*Reels, Tines, Sieves and Chaffers, Field Trackers, and more*



***Over 100 Years of Farming Innovations™***

## Proud History

Since 1883, HCC has been a major innovator in agricultural products, with the invention of the first commercial grain weigher, the H.D. Hume pickup reel, and the floating cutter bar. Over the next century, the company expanded, diversified, and merged with other innovative agricultural firms to grow into the world's largest producer of reels, sieves, and chaffers for combines. From our early days of Hart-Carter products, this company, which began with the vision of a Midwest farmer and a storekeeper, has held a close association with the market place to ensure that every product is focused on productivity.

## Innovations for High-Performance Harvesting

HCC is proud to carry on our tradition of improving performance with innovative products for combines and swathers and creating real solutions to real harvest problems. In addition to manufacturing reels, sieves, and chaffers for original equipment manufacturers, HCC offers these and other high-performance products designed for on-farm installation.

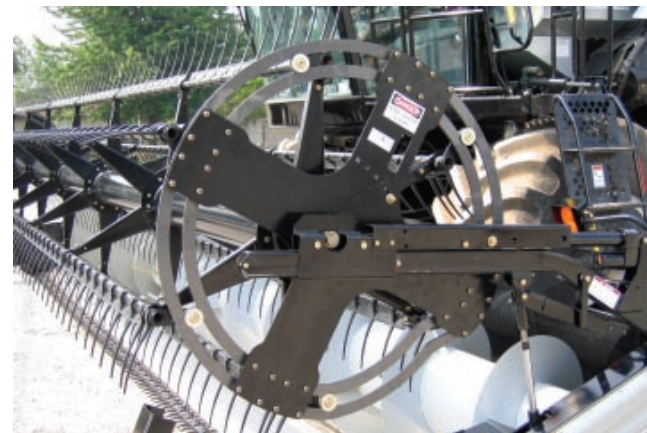


### The Paddle

#### High-Performance Tines for Short or Sparse Crop

When crop conditions make harvesting difficult and inefficient, the Paddle is the cost-effective alternative to standard tines. Available for wood bat, tear-drop, and tube-type reels, the Paddle's 6-inch width lifts and feeds crop that standard tines miss. This innovative tine system maximizes pickup and delivers positive and even feeding into the header.

**PADDLE**



### Orbit Reel™

#### Eliminating the Reel-Auger Gap

HCC, Inc. has closed the reel-auger gap with a revolutionary, patent-pending design that positively places crop into the auger, providing true continuous crop flow. The Orbit Reel features a double-track system that reduces wrapping in green crop and allows the reel tines (which flip over) to break their circular path and swing directly past the auger. Crop flow is positive. Build-up and slugging is reduced.

The Orbit Reel is a proven solution that has been field-tested by large operators and custom cutters. The Orbit Reel has been designed as a retrofit for all HCC tube-type reels built since 1990 and can be installed on the farm in a few hours.



## Gateway® Sieves and Chaffers

GATEWAY SIEVES®

### Lighter Weight—Better Performance

The patented design of the Gateway sieve and chaffer system utilizes aluminum and plastic modular construction for better combine performance, improved grain cleaning, and easy on-farm repairs. The lighter weight of the Gateway reduces wear on cleaning shoe bushings and bearings, extending their life and reducing combine downtime. And unlike any other sieve and chaffer system, the ease of repairs with the Gateway make it cost-efficient over its entire life. The plastic slats also provide added lubricity for improved crop flow, particularly in near-freezing temperatures, and are adjustable for maximum cleaning performance and capacity. Gateway sieves and chaffers excel in cleaning both lighter crop, such as alfalfa, and heavy crop, like high-yield/high-moisture corn. Innovations like these make HCC the original equipment manufacturer (OEM) of standard sieves and chaffers.



## HCC Reels for Combines and Swathers

### Smoother Cropflow—Less Downtime

Ever since H.D. Hume invented the pickup reel in the 1930s, HCC has manufactured a more dependable, more efficient reel for its customers. That's why we're the original equipment manufacturer (OEM) for reels. HCC Reels are constructed from resilient, durable materials such as 14 gauge HSLA tubing for bat tubes, and patented, tough polymer tines giving the reels greater strength at lower weight. Center tubes on 15- to 30-foot reels are 8 inches in diameter and 10 inches on reels larger than 30 feet. Integral hex drive pins increase pin shear strength by 75%, while heavy, welded 8mm crank arms increase bat tube lateral and torsional strength. HCC Reels feature an innovative tine layout, staggering tines to reduce weight and bat wrapping while creating a more efficient tine path. With fewer parts, stronger components, 35-40% greater visibility, and lighter weight, HCC Reels improve performance and reduce downtime. HCC also offers an extension kit to convert the standard 42-inch HCC Reel to a 52-inch diameter for those conditions where the reel needs to reach out farther to pick up down crop.



## Smart-Till®

### Versatile Technology for Profitable Production

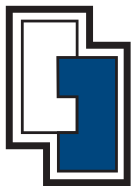
HCC's Smart-Till enhances no-till/minimum till field practices. It is also a superior soil, manure, pasture, and hay management implement. Its patented self-sharpening, three-tine helical design lets you fracture soil more than 8 inches deep. Plus, the tine modules easily adjust 0-10 degrees. HCC offers the Smart-Till in 10-foot, 15-foot, and 20-foot wide models, and other model sizes are available. Each model is available with optional rotary harrows.



Smart-Till 15-foot wide model



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## ***HCC—Over 100 Years of Farming Innovations™***

*The H.D. Hume pickup reel and Hart-Carter Products have long been associated with quality and innovation in harvesting. For over a century, HCC, Inc. has led the way with high-value products designed to optimize harvest efficiency and effectiveness. Today, HCC is the leading designer and manufacturer of pickup reels, sieves, chaffers, tillage equipment, and other components for OEM manufacturing and harvesting equipment.*

For more information,  
call 815-539-9371 ext. 348,  
or visit us online at [www.hccincorporated.com](http://www.hccincorporated.com).

