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SuperCrop® LP





Product Overview

The **SuperCrop® LP** (Low-Profile) header borrows the proven DNA of our flagship SuperCrop® but drops the cutting height to just ≥ **9 inches**—perfect for crops that need to be harvested close to the ground while still leaving valuable stalk behind.

Purpose-built for **CBD hemp,** the LP arrives standard with our brush gathering system that sweeps low-hanging flower/leaf material up and over the cutter bar while leaving > 30 % of the stalk (by weight) standing. That means cleaner biomass, easier downstream separation, and lighter loads for dryers and processors. An optional overhead **paddle reel** gives extra pull for stubborn, vine-like crops.

Thanks to hydraulically driven, cab-controlled row-unit chains and a full-finger, large-diameter auger, the LP feeds both green-stem and drier crops smoothly—no wrapping, no slugging.

Row-spacing flexibility from **7½ " drill rows to 40 "** makes it a go-to for forward-thinking hemp, sorghum, and specialty-crop producers.

Key Features

Benefit	Why It Matters
≥ 9-inch cut height, low-profile frame	Lifts bottom branches/flowers while still leaving tall stalks behind—ideal for CBD hemp & forage sorghum.
Brush gathering system (standard)	Sweeps delicate material up and over the knives, reducing stalk intake by 30 %+ and keeping flower contamination low.
Hydraulically controlled row-unit chains	Speed & reverse from the cab; reverses chains without reversing feederhouse—great for green-stem plugs.
Full-finger, large-diameter auger	Fingers across the full length grab tangled hemp vines and moist sorghum leaves, feeding evenly in all conditions.
Optional overhead paddle reel	Adds positive crop flow for ultra-tall or vine-bound plants; quick-detach when not needed.
Easy knife customization	Quick-change sickle sections let operators swap to aggressive hemp sections in < 15 min for longer knife life.
Multi-row-spacing capability	Handles 7.5 – 40 in. rows without kit changes—drilled hemp or wide-row sorghum, one header.
Ultra-low maintenance	No spinning discs, fewer gearboxes; daily grease in < 5 minutes, brushes are bolt-on replaceable.
Cleaner biomass, lighter loads	Less stalk = faster drying, reduced processing cost, and higher-quality flower yield.



Competitive Advantages

Feature	**SuperCrop LP**	Draper / Platform	Hemp "Mower" Heads	Advantage
Cut height	**9** in. low profile	Flat 2 – 3 in.	0 – 2 in.	Ideal blend of low cut & stalk retention
Gathering method	**Brush chains + optional paddle reel**	Belts & reel	Rotary disk mower	Gentle lift, protects flower heads, no wrap
Stalk intake	Up to **30 % less** than chain-only headers	High	Very high	Cleaner biomass, lighter drying loads
Cutting system	Rear sickle knife (cool cut)	Cutter bar	Rotary blades (high HP)	Lower HP demand, no disc heat/fire risk
Row-spacing range	7.5 – 40 in. adaptable	N/A (rigid)	Fixed	One header handles drilled or wide-row crops
Maintenance	Grease only, bolt-on brushes	High (belts, reel bearings)	Blades & gearbox	Lowest annual cost





Why Leaving Stalk Matters

Leaving stalks standing after harvest offers a range of on-farm advantages. The remaining residue helps **retain soil moisture** by capturing snow and shading the ground—especially valuable in water-limited regions.

It also keeps your **combine and chopper cleaner,** since lower stalk intake reduces rotor load, fuel use, and equipment wear. Beyond immediate efficiency, the **residual stalks serve future value**—they can be windrowed later for industrial fiber or mulched to boost soil organic matter.

Finally, **taller residue provides natural habitat** and acts as protective soil armor, reducing erosion and supporting healthier fields year-round.

What Growers Want to Know

Growers often ask how the LP system performs in real-world conditions, and the answers speak for themselves. The **modular brush system** is built for longevity—most operators replace only high-wear sections after 1,000+ acres, or swap the entire brush chain for quick turnaround.

Low-profile snoots are designed with beveled poly tips that float on skid shoes, preventing soil buildup and keeping dirt ingestion below 1% even on uneven ground.

When it comes to versatility, the LP easily handles **grain sorghum and other low-headed crops**, with the paddle reel providing extra lift in lodged conditions.

The reel isn't required for every field but comes pre-installed for convenience.

Power demands remain **similar to the standard SuperCrop®**, thanks to the absence of rotary blades, which reduces PTO load.

Green, sappy stalks feed smoothly through the **hydraulic chain and full-finger auger**, and any plugs can be cleared simply by reversing the chains—no feederhouse reversal needed.

With **limited production runs**, early reservations are recommended to secure delivery ahead of harvest.



Technical Information

Hydraulically Controlled Row Unit Chains now Standard

- Speed control from inside the cab
- Ability to match chain speed to combine ground speed
- Ability to reverse the chains without reversing the auger and feederhouse
- Improved feeding in “green stem” and heavier moisture conditions
- Reduces trash intake

Full Finger Auger Now Standard

- Improved feeding in green and heavier moisture conditionss

Reinforced Row Divider Cover Frames (Optional)

- Improved durability in taller crop situations



Self-Tensioning Row-Unit Reduces Maintenance Time

High-Quality, Steel Components Fabricated in the USA



Gearbox Easily Separates from Row-Unit for Easy Maintenance

Performance Summary

The SuperCrop LP is purpose-built for performance, efficiency, and versatility in modern biomass and specialty-crop harvesting. Its **low-profile design** cuts just 9 inches above the ground—lifting more valuable biomass while leaving over 30% of the stalk behind for soil health. The **brush gathering system** delivers cleaner flowers with less stalk content and faster drying times, while the **large-capacity auger** ensures smooth feeding in both green and dry conditions. Compatible with **any row spacing from 7.5 to 40 inches,** the LP adapts easily to diverse cropping systems. And with **lower horsepower requirements, minimal wear, and reduced fuel use**, it offers the **lowest cost per acre** in its class—making it a smart, sustainable choice for serious producers.



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