

# GRAIN BELT PLUS

 **Honey Bee**  
Harvest Faster



A C T U A L L Y , O N E H E A D I S B E T T E R T H A N T W O



### 2 in 1: dual purpose cutterbar

The cutterbar can be locked into a rigid position for cereal crops. For quick and short term rigid the airbags are filled to maximum pressure which locks the cutterbar. For long term rigid cutting, the adjustment bolts on six paddle arms can be tightened, securing the cutterbar in a locked position.



### 100% hydraulically driven and reversible

A complete hydraulically driven header powered by a variable speed hydraulic pump along with an in-cab activated, electric actuator allow the Grain Belt PLUS table to be reversed. The left and right hand drapers, center draper and feed auger can all be reversed at the press of a button. The trap door is activated when the header is reversed.



### Increased table capacity

Along with increased size of feed auger and center drapers, the Grain Belt PLUS has also been engineered with an increased strut angle to increase table visibility and the volume of material that the table can handle. These features and the new 45 foot offering allow for higher capacity using the Grain Belt PLUS.



### Floating cutterbar: airbags, adjustment bolts, gauges

The cutterbar floats on six paddle arms, cushioned by six airbags. Airbag pressures are easily increased or decreased to obtain optimum floatation for all cutting conditions.



### Larger feed auger

The feed auger has been lengthened by 22% and the flighting increased to grab the crop from the center draper allowing a smooth transition to the feeder house and increased header capacity. The float height has been increased to reduce torque requirements and increase capacity.



### Larger double center drapers

Two 42 inch, v-guided, independently driven drapers help increase the capacity of the Grain Belt PLUS table. "No-wrench" over-center tensioning allows for quick and easy adjustment of the drapers.



### Hydraulic trap door

The center deck assembly is equipped with a hydraulic trap door located in front of the center drapers. This door is opened as the header is reversed and allows debris and foreign material to be dumped under the table as apposed to being thrown back onto the cutterbar.





#### Detachable sub frame

Two quick pins and quick couplers allow the Grain Belt PLUS sub frame to be removed from the header frame. The two main benefits: ease of cleaning and maintenance along with increased transport efficiency. The adapter can be left on the feeder house for less weight on transport truck.



#### Detachable face plate

A detachable adapter face plate allows for a quick change from one feederhouse to the next.



#### Hydraulic header tilt

The Grain Belt PLUS table is equipped with standard hydraulic header tilt allowing for in-cab control and on-the-go response to varying crop conditions.



#### Hydraulic fore and aft

In cab control of the fore/aft reel positioning and height adjustment allows for on-the-go response to varying crop conditions.



#### SCH cutting system

The Schumacher Easy Cut cutting system provides smooth, superior cutting. Spring steel guards, with cutting edges on top and bottom, along with alternating, bolted heat treated sections eliminated the need for hold downs. The system keeps dirt and debris from accumulating under the knives for increased performance in severe cutting conditions.



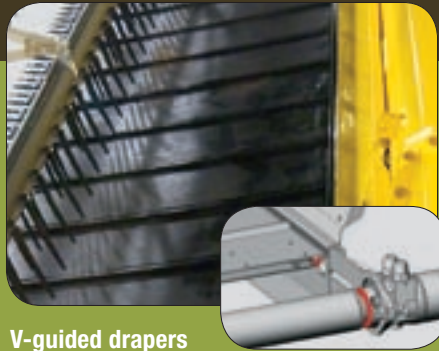
#### Double knife drive

Double 3 <sup>5</sup>/<sub>16</sub> inch stroke, epicyclic knife drives are standard equipment on all models. They operate at 1100 - 1400 strokes/minute and are driven by low maintenance hydraulic drive motors.



#### SCH roller spacer bar

The 'NEW' roller spacer bar decreases knife back wear, friction, heat build up, knife breakage, header vibration, and the amount of oil pressure needed to drive the knife. Roller guides are made with a hardened roller, sealed bearings and a cap to keep the dirt out.



### V-guided drapers

V-guided drapers are made of long-lasting, rubberized polyester with fiberglass reinforced slats and tie bar connectors. The drapers are standard 42 inch width. The v-guide rides in the roller groove reducing the need for tracking the drapers.



### Draper drive

The 3 inch diameter drive rollers provide traction in heavy crop conditions. Powered from the outside by a hydraulic motor, the drapers move the crop towards the center deck and feed auger for more uniform feeding. A new 62mm triple sealed bearing plus an additional outer seal provide added protection.



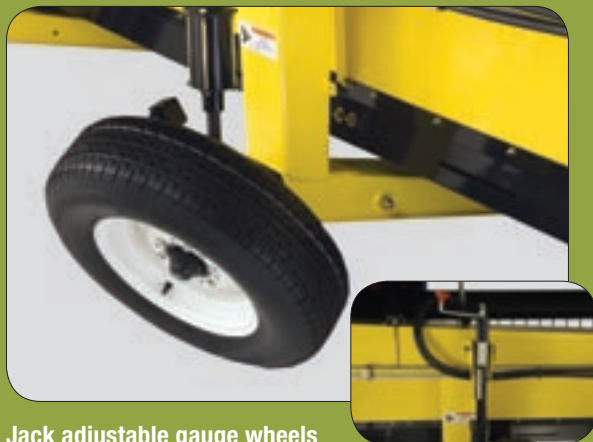
### Draper tension adjustment

Draper tension can be adjusted, which allows even tension on both the front and rear of the rollers. A quick release lever allows for easy adjustment and maintenance.



### Reel drive

The hydraulically driven reel is direct drive with no gears or chains and is easily controlled from the cab for on the go response in varying crop conditions. All split reels are double drive for increased capacity.



### Jack adjustable gauge wheels

Castoring gauge wheels have rubber spring suspension and are vertically adjustable. The patented castoring design eliminates gouging when turning and are standard equipment on all Grain Belt PLUS tables. A 0-10" height reference gauge is used for finite adjustment.



### Skid plate

UHMW skid plates are standard on all models to protect the cutterbar when shaving close to the ground.

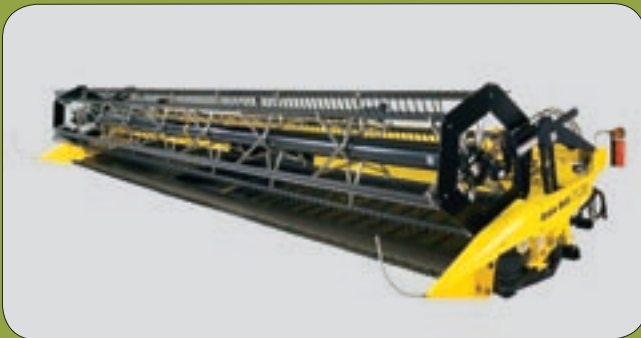


### Integral storage transport

The self-contained transport including, hitch, jack and axle are conveniently stored on the under side of the right hand draper. This transport is optional on the 30 foot and 36 foot models and unavailable on larger models.

**NO HASSLES**

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**GRAIN BELT PLUS SPECIFICATIONS**

Specifications	3055	3655S	4255	4555
Width	30' (9.1 m)	36' (10.9 m)	42' (12.8 m)	45' (13.7 m)
Weight (no reels or options included)	6775 lbs (3073 kg)	8015 lbs (3636 kg)	8539 lbs (3873 kg)	9103 lbs (4129 kg)
Cutterbar Floatation	4 5/8" cutterbar travel, air bag suspension			
Hydraulic System	Self contained hydraulic system on the header. Variable speed pump driven off bottom feeder housing shaft.			
Header Floatation	Leaf spring float system standard on all models.			
Cutting System	SCH Easy Cut, spring steel guards, bolted sections, roller spacer bar.			
Knife Drive	SCH Epicyclic 3 5/16" (8.4 cm) stroke, hydraulically driven, approximately 1100 – 1400 strokes per minute.			
	Double			
Draper	V-guided, 42" (106.7 cm) wide rubberized polyester, fiberglass reinforced rubber slats. Hydraulically driven.			
Center Deck	Two 42" (106.7 cm), independent hydraulically driven, v-guided drapers.			
Feed Auger	Hydraulically driven, 22" x 89" (45.7 cm x 229 cm) retractable finger auger.			
Reel(s)	1 - 30' (9.1m)	1 - 36' (10.9m)	2 - 21' (6.4m)	2 - 22.5' (6.9m)
	Pickup Reel - Universal Ull, (Series 2) 6 bat, 42" (106.7 cm) diameter, plastic teeth only.			
	Pickup Reel - HCC Polyline Level II series, 6 bat, 42" (106.7cm) diamter.			
Reel Drive	Standard - using combine hydraulic system. Header driven reel optional. Reel speed adjustable in cab.			
Gauge Wheels	Standard			
Storage Transport	Optional	Optional	n/a	n/a
Storage Trailer (slow speed)	Optional			
Formed Fit Poly Skid (UHMW)	Standard			
Combine Adapters	Available for: John Deere 60 series, New Holland CR/CX, Case IH AFX 7010/8010, Challenger 680B, Gleaner A65, A75, A85, Massey Ferguson 9690, 9790, 9895, Lexion 500 series			
Fore/Aft	Standard			
Hydraulic Header Tilt	Standard			
Automatic Reel Height Control	Optional			
Automatic Reel Speed Control	Optional			
Automatic Header Height Control	Optional			
Dolly Wheels	Optional			



20% GREATER COMBINE CAPACITY AND FLOATING TECHNOLOGY WITH THE GRAIN BELT PLUS HEADER

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Honey Bee has engineered a superior, high capacity, dual purpose header. Built on a design that allows flexible convenience with draper efficiency in pulse crops and rigid capability in cereal grains, the NEW Grain Belt PLUS defines harvest efficiency.

