

Avanti + BH 35 Grain Harvester/Collector



Avanti + BH 35 Beans Harvesters / Shredders

THE NEXT STEP IN GRAIN AND SEED HARVESTING

Agricultural automation, enhanced harvesting performance and cleaning efficiency, excellence in grain and seed quality, operational versatility with MULTICROP® – Peanuts, Beans, Soybeans, and Corn.

- **PREMIUM CAB:** Best cabin in the market, superior ergonomics, high visibility, low noise, air conditioning.
- **DIGITAL MONITORING:** Monitor with AG CAM indicators, better real-time harvest management, operational management, information management, maintenance, and precision agriculture.
- **TURBINES:** Improved airflow and cleaning, reduced maintenance time, and easier upkeep.
- **SOFT FLOW – AVANTI HARVEST SYSTEM:** Superior grain and seed quality, increased processing capacity, MULTICROP settings.

- TRANSPORT SYSTEM: Enhanced transportation and logistics efficiency, conveyor belt, reduced grain damage.
- SENSORS (NEW): Faster soil reading (copycat) and better terrain inclination reading.
- BEAN PLATFORM: Higher gathering capacity, pantographic system.
- CHOPPER: New choppers with blades/counter blades.







Technical Specifications

| | |
|--------------------|------------------|
| MODEL | BH35 |
| Coupling Equipment | Avanti Harvester |
| Material Transport | Draper |
| Operation | Mechanical |

Gathering Roller

| MODEL | BH35 |
|-----------------------------|------------|
| Number of Gathering Rollers | 3 |
| Speed | 70 RPM |
| Drive | Mechanical |
| Finger Type | Flexible |
| Number of Fingers per Bar | 28 |
| Number of Bars per Section | 8 |

Dimensions and Weight

| MODEL | BH35 |
|-------------------------|------------------|
| Height | 1500 mm |
| Equipment Width | 10600 mm |
| Working Width | 10100 mm |
| Weight | 3600 kg |
| MODEL | AVANTI HARVESTER |
| Length without Platform | 8800 mm |
| Width without Platform | 4500 mm |
| Overall Height | 5000 mm |
| Weight without Platform | 18000 kg |

Feeding System (Considered as Feeder)

| MODEL | AVANTI HARVESTER |
|---------------------|-----------------------|
| Feeding System Type | Chain + Rubber Cleats |
| Speed | Variable |
| Reversal System | Yes |
| Width | 1772 mm (feeder) |

Threshing System

| MODEL | AVANTI HARVESTER |
|------------------|-----------------------|
| System | Low Impact Axial Flow |
| Number of Rotors | 2 |
| Length | 4157 mm |

| | |
|-----------------|--------------------------------|
| Rotor Diameter | 298 mm |
| Speed (rpm) | Variable |
| Reversal System | Yes |
| Concave Type | Peanut – Corn – Soybean – Bean |

Separation Screen - Vibrating Screen

| MODEL | AVANTI HARVESTER |
|-------------------------|--|
| Screen Area - Vibrating | 4 m ² per screen – total 8 m ² |
| Length - Vibrating | 4157 mm |
| Width - Vibrating | 980 mm per screen – total 1960 mm |
| Perforation | Shell (peanut) – Shell + Ø5 mm (grains) |

Suction Turbine

| MODEL | AVANTI HARVESTER |
|-------------------------------|------------------|
| Rotation Speed (rpm) | Variable |
| Number of Turbines – Diameter | 2 – 680 mm |

Flow Sieve

| MODEL | AVANTI HARVESTER |
|-----------------|---|
| Flow Sieve Area | 0.8 m ² per sieve – total 1.6 m ² |
| Length | 792 mm |
| Width | 976 per sieve – total 1952 mm |
| Perforation | 50x60 mm (peanuts) / Ø18 (corn) / Ø14 and 8x30 (soybeans) / Ø18 and 10x30 (beans) |

Bucket Elevator

| MODEL | AVANTI HARVESTER |
|---------------------|------------------|
| Number of elevators | 2 |
| Number of buckets | 42 per elevator |

Grain Tank

| MODEL | AVANTI HARVESTER |
|------------------|------------------|
| Capacity (L) | 11,000 Liters |
| Unloader length | 7 meters |
| Discharge system | Side Discharge |
| Speed | Variable |

Engine

| MODEL | AVANTI HARVESTER |
|---------------------|---------------------|
| Brand / Model | Cummins - QSL 9 |
| Number of cylinders | 6 |
| Nominal power | 366 hp - 2100 rpm |
| Maximum power | 403 hp - 1900 rpm |
| Maximum torque | 1574 N.m - 1500 rpm |

Transmission System and Shaft

| MODEL | AVANTI HARVESTER |
|--------------------|----------------------------------|
| Type | Claas |
| Number of Gears | 3 (hare and tortoise totaling 6) |
| Speed Range (km/h) | 0 - 35 km/h |

Image Gallery



