

AVANTI C410 - TECHNICAL CHARACTERISTICS

Type of Supply System	Chain + Rubber Talisks
Speed / Reversing system	Variable / Yes
Width	1772 mm (Feeder)
Type	Low Impact Axial Flow
Number of Rotors	2
Length / Rotor Diameter	4157 mm / 298 mm
Speed (rpm)	Variable
It has a Reversing System	Yes
Type of Concave	Peanuts - Corn - Soybeans - Beans
Sieve Area - Vibrating	4m² per Sieve - Total 8m²
Length / Vibrating	4157 mm
Width / Vibrating	980 per Sieve / Total 1960 mm
Drilling	Casquinho (Peanut) / Casquinho + Ø5mm (Grains)t
Turbine work Rotation (rpm)	Variable
Number of Turbines / Diameter	2 Turbines / 680 mm
Main Sieve Useful Area	0,8m² per Sieve / Total 1,6 m²
Length	792 mm
Width	976 per Sieve / Total 1952 mm
Diameter of Sieve Holes (mm)	50x60 (peanuts) / Ø18 (corn) / Ø14 e 8x30 (soybeans) / Ø18 e 10x30 (beans)
Grain Elevators	2
Bucket Quantity	42 per Elevator
Rotation Speed (rpm)	Variable
Capacity: (L)	11.000 Liters
Unloader Length	7 meters
Unloading System / Speed	Side Discharge / Variable
Brand / Model	John Deere 6090CI550
Number of Cylinders	6
Nominal Power	375 hp / 2200 rpm
Maximum Power	413 hp / 2000rpm
Maximum Torque	1671 N.m / 1600 rpm
Number of Gears	3 Speed Tansmission Powered by a Hydrostatic Engine.
Speeds	3 gears, all with the options of Reduced (Turtle) and Fast (Hare)
Speeds Range (km/h)	0 - 35 km/h
Total Length without Platform:	8.800 mm
Total Width without Platform	4.500 mm
Total Height	5.000 mm
Weight without Platform	18.000 kg

Rev. 03 | 07/2023 | Product improvement is one of COLOMBO priorities. COLOMBO reserves the right to introduce changes in product components and accessories without previous notice.

AVANTI

SELF-PROPELLED HARVESTER

AGRICULTURAL AUTOMATION
INCREASED HARVESTING
PERFORMANCE AND CLEANING
EFFICIENCY

EXCELLENCE IN GRAIN AND
SEED QUALITY

OPERATIONAL VERSATILITY

MULTICROP® - PEANUTS,
BEANS, SOYBEANS AND CORN



THE NEXT STEP IN GRAINS AND SEEDS HARVEST

TRADITION IN INNOVATING

 **COLOMBO**

COLOMBO 55 years

› **PREMIUM CAB**

- Best Cabin of the market
- Greater Ergonomics
- High visibility, lower noise
- Air conditioning

› **DIGITAL MONITORING**

- AG CAM monitor with indicators
- Greater harvesting management in real time
- Operational management in real time
- Management of operational information, maintenance and precision agriculture

› **FANS**

- Best air flow and cleanness
- Less time and easier maintenance

› **SIEVES AND FANS**

- Greater Suction
- Direction of the suction air
- High performance sieve system

› **GRAIN ELEVATOR WITH STRONGER MATERIAL**

- Polymer cups for less damage
- Greater durability of wear components

› **SOFT FLOW – AVANTI HARVESTING SYSTEM**

- Better quality of the grains and seeds
- Greater processing capacity
- MULTICROP configuration

› **TRANSPORT SYSTEM**

- Greater agility on the logistics and transport
- Transport belt, less grain damage

› **TRANSMISSION AND ENGINE SYSTEM**

- New CUMMINS or JOHN DEERE engines with onboard electronics
- Transmission with high performance gearbox (higher efficiency on the transmission with less stops)

› **Threshing system and cleanness**

- Axial flow system with uniform flow and continuous mass threshing with less damage
- Higher soil removal with sieve of 8m²

› **SENSORS (LAUNCHING)**

- Quicker reading of the terrain (copy of the soil) and best reading of soil inclination

› **GRAIN TANK 11.000 L**

- Higher loading volume
- Uniformity in grains distribution and higher optimization

› **PICKUP PLATFORM**

- Cutting closer to the ground in uneven fields
- No soil moving, less impurity

› **GREASE NIPPLE BLOCK**

- Reduction on lubrication time
- 5 blocs: collector roller, joint roller, threshing cylinder, fan and vibrating sieve

› **BEAN PLATFORM • PEANUT HEADER**

- Higher picking up capacity
- Pantographic system
- Peanut: 3 Rows 5,4 • 4 Rows 7.25
- Bean header; 11m

› **Wheels**

- Higher traction and less compression
- 4x4 standard

› **CHOPPER**

- New choppers make up of knives and counter knives

