

7000 SERIES AUSTOFT® SUGAR CANE HARVESTER Specifications



Models 7000 & 7700

	7000	7700
Engine		
Type	Case IH	Case IH
Displacement	9 L (549 cu. in.)	9 L (549 cu. in.)
Horsepower	353 hp (263 kW)	353 hp (263 kW)
Transmission		
Type	Hydrostatic	Hydrostatic
Operation	Mechanical	Mechanical
Track	—	D5 Heavy-duty
Grousers	—	Agricultural design
Travel Speed	Up to 12.4 mph (20 kph)	Up to 5.5 mph (9 kph)
Brakes		
Type	Hydraulically actuated, disc type (independent). Manual parking brake	Multiple discs, automatic operation
Capacities		
Fuel	127 gal. (480 l)	127 gal. (480 l)
Hydraulic Fluid System	127 gal. (480 l)	127 gal. (480 l)
Topper		
Adjustable Height	3 ft.-11.8 ft. (960-3600 mm)	3 ft.-11.8 ft. (960-3600 mm)
Severing Drum	Bi-directional	Bi-directional
Single Cut	Standard	Standard
Number of blades	8	8
Shredder	Optional	Optional
Number of blades	34	34
45-degree Crop Dividers		
Distance Between Points	5 ft. 11 in. (1.8 m)	5 ft. 11 in. (1.8 m)
Vine Knives	Standard	Standard
Dual Spirals	Standard	Standard
Side Trim Knives	Optional	Optional
Number of Knives	8/disc	8/disc

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Basecutter		
Center to Center Distance	24.8 in. (630 mm)	24.8 in. (630 mm)
Number of Discs	2 - detachable	2 - detachable
Number of Blades per Disc	5 - replaceable	5 - replaceable
Auto Tracker	Optional	Optional
Feed Rollers		
Drive	Hydraulic, reversible	Hydraulic, reversible
Number of rollers	12	12
Roller width	35.4 in. (900 mm)	35.4 in. (900 mm)
Choppers		
Drive	Hydraulic, reversible	Hydraulic, reversible
Drum – Center to Center	15 in. (380 mm)	15 in. (380 mm)
Option	3 or 4 blade drums	3 or 4 blade drums
Blades	65 mm, replaceable	65 mm, replaceable
Extractors		
Drive	Hydraulic	Hydraulic
Hood Hydraulic Slew System	Standard	Standard
Fan Diameter		
Primary	4.2 ft. (1.28 m)	4.2 ft. (1.28 m)
Secondary	3 ft. (940 mm)	3 ft. (940 mm)
Elevator		
Fitted with hourmeter		
Drive	Hydraulic, reversible	Hydraulic, reversible
Width	33.4 in. (850 mm)	33.4 in. (850 mm)
Total Turning Angle	170 degrees	170 degrees
Elevator Slew System	Trunnion cylinder	Trunnion cylinder
Wheels and Tires		
Front	400/60 15.5-14 ply	—
Rear	23.1-26x16 ply	—

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

CNH America LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice.



SAFETY NEVER HURTS!™ Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided.