



SC101 PIVOT-TONGUE SICKLEBAR MOWER CONDITIONER





Specifications SC101

	w/14 ft. Header	w/16 ft. Header	w/18 ft. Header
Dimensions			
Transport/overall width [defined by header width]	16 ft. 3 in. (4.95 m)	18 ft. 3 in. (5.56 m)	20 ft. 3 in. (6.17 m)
Overall length	25 ft. 11 in. (7.90 m)	25 ft. 11 in. (7.90 m)	29 ft. 7 in. (9.02 m)
Overall height			
Operating position	73 in. (1854 mm)	73 in. (1854 mm)	73 in. (1854 mm)
Transport position	80 in. (2032 mm)	80 in. (2032 mm)	80 in. (2032 mm)
Track width	152 in. (3861 mm)	152 in. (3861 mm)	152 in. (3861 mm)
Ground clearance to guard tips	25 in. (635 mm)	25 in. (635 mm)	25 in. (635 mm)
Crop Discharge			
Swath width	96 in. (2438 mm)	96 in. (2438 mm)	96 in. (2438 mm)
Windrow width	38-60 in. (965-1524 mm)	38-60 in. (965-1524 mm)	38-60 in. (965-1524 mm)
Adjustments	Swath gate adjusted lowered provides 96 in. swath. Swath gate raised allows adjustable windrow shields to produce windrow widths between 38 in. and 60 in.		
Weight			
Operating – less header	3,062 lbs. (1389 kg)	3,094 lbs. (1403 kg)	3,208 lbs. (1455 kg)
Operating – header w/steel rolls	7,062 lbs. (3203 kg)	7,314 lbs. (3317 kg)	7,978 lbs. (3619 kg)
Tractor Requirements			
Minimum PTO power	60 hp (45 kW)	60 hp (45 kW)	60 hp (45 kW)
Remotes	2	2	2
Relief pressure	1750 psi (121 bar)	1750 psi (121 bar)	1750 psi (121 bar)
Minimum drawbar	Category II	Category II	Category II
7-pin electrical connector	Required for lighting	Required for lighting	Required for lighting
Hitch type	Swivel ball in standard hitch extension w/clevis on implement tongue		
Tires			
Size, ply rating and type	31 x 13.50-15, 8 ply, I1, agricultural implement rib tire		
Inflation pressure	30 psi (2.07 bar)	30 psi (2.07 bar)	30 psi (2.07 bar)
Hydraulics			
Swing circuit	Double-Acting, 3 in. (76.2 mm) bore X 19 in. (482.6 mm) stroke		
Raise/lower circuit	Single-Acting, Master/Slave, 2.5 in. (63.5 mm) bore X 10 in. (254 mm) stroke		
Tilt circuit	Single-Acting, 2 in. (50.8 mm) bore X 10 in. (254 mm) stroke		

	w/14 ft. Header	w/16 ft. Header	w/18 ft. Header
Hydrostatic Header Drive System			
Pump drive speed	1000 rpm only	1000 rpm only	1000 rpm only
Pump type	Fixed displacement, gear-type, w/thrust bearing on input shaft		
Pump drive	Telescoping PTO, category 3 w/standard u-joints		
Pump mount	Swivel mounted on 1.75 in. (44.5 mm) composite non-greaseable bushing w/steering link attached to hitch extension		
Flow @ rated speed	29 gpm (110 lpm)	29 gpm (110 lpm)	29 gpm (110 lpm)
Relief valve setting	3300 psi (228 bar)	3300 psi (228 bar)	3300 psi (228 bar)
Motor type	Fixed displacement, gear-type	Fixed displacement, gear-type	Fixed displacement, gear-type
Reservoir capacity	28 gal. (105 l)	28 gal. (105 l)	28 gal. (105 l)
Operating Speeds			
Field	0 - 8 mph (0 - 13 kph)	0 - 8 mph (0 - 13 kph)	0 - 8 mph (0 - 13 kph)
Transport	20 mph (32 kph)	20 mph (32 kph)	20 mph (32 kph)
Safety Features			
Lighting	Brake/Flasher/Turn signal lights – Standard		
Transport swing lock	Standard mechanical stop w/spring-loaded locking pin to facilitate ease of actuation		
Transport lift lock	Standard mechanical lift cylinder stops		
Safety chain	Standard	Standard	Standard

Take mowing your hay crop to the next level of convenience with a SC101 mower conditioner pull frame. When matched to your choice of a 14-, 16- or 18-foot HDX sickle header your job just gets easier! With the SC101 you can easily get hooked up and headed to the field. The 1000 RPM pump that powers the mower conditioner is swivel mounted to the tongue of the SC101. A short PTO driveline hooks to your tractors PTO output shaft. No matter what angle the tongue swings the driveline and hydraulic pump stay in alignment with the tractor PTO. You get two advantages — no more heavy hydraulic pumps and stiff hydraulic hoses to struggle with, AND smooth running, straight driveline operation. See your Case IH dealer for more details.



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.

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Availability of some models and equipment builds vary according to the country in which the equipment is used.