



COMBINE SUGARCANE HARVESTER

Technical Specifications

The structure type of	Self-propelled segment wheel
Harvest way	Cutting sections of
Harvest the number of rows line	1
To adapt to the space m	Be equal or greater than 1.2

Form a Complete set of power

Engine brand name	CUMMINGS
Engine model	QSB5.9-C180-33 diesel engine
The structure type of	In-line, water-cooled
	Pressurized inter-cooled
	High pressure common rail
Rated power KW	133
Rated speed r/min	2200

Overall dimension (LxWxH)

Operating status(Max.limit) mm	8030x2120x5070
Packing status mm	7100x2120x3670



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Wheels

Front:-	
Tyre size	10.5/65-16
Wheel tread mm	1670
quantity No.s	2
Rear:-	
Tyre size	16.9-28
Wheel tread mm	1620
quantity No.s	2
Wheel base mm	2570
Walking type	wheel
Travel drive pattern	Hydraulic drive
Theoretical speed Km/h	0~28
Pure work hour productivity Hm ² /h	≥0.3
Rated feed Kgs/s	≥0.6
Whole weight Kgs	8100
Min. Ground clearance mm	246
Adjustment range of cutting device mm	245

Slight part Cutting device

Structure type	Single disc cutting knife
Max rotating diameter mm	585
Rotating speed R/min	430

Knife disc:-

Size(diameterxthickness) mm	450x8
quantity No.s	1

Blade:-

Size(LxWxThickness)	96x90x2.5
quantity No.s	6
Driving type	Hydraulic drive
Structure type	Double disc cutting knife
Max rotating diameter	710
Rotating speed	550



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Sugarcane Cutting device

Knife disc:-	
Size(diameterxthickness)	560x14
quantity No.s	2
blade:-	
Size(LxWxthickness)	240x90x6
quantity No.s	10
Driving type	Hydraulic drive

Segment Cutting device

type	Flat counter-roll cutter
blade:-	
Size(LxWxthickness)	580x75x8
Quantity on each Counter-roll cutter No.s	2
Counter-roll cutter:-	
Rotating diameter mm	325
quantity No.s	2
Rotating speed R/min	210
The length range of segment mm	220 more or less 30
Driving type	Hydraulic drive
type	Cylindricadel spiral roller

Selecting device

type	Cylindricadel spiral roller
Roller size:-	
Diameter at big end mm	140
Diameter at small end mm	140
length mm	1400
Helical angle degree	14.6
Rotating speed R/min	180
Driving type	Hydraulic drive



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Cane holding device

type	Conical spiral drum
Drum size	
Diameter at the big end mm	230
Diameter at the small end mm	190
length mm	1150
Helical angle degree	14.6
Rotating speed R/min	176
Driving type	Hydraulic drive

Air separation Unit1

type	Axial flow fan
fan	
Rotating diameter mm	950
Rotating speed R/min	1500
Fan blade	
thickness mm	5.5
quantity No.s	3
Driving type	Hydraulic drive

Collecting and Dumping device

Cane collecting type	Collecting cart bin
Max.collecting quantity M3	4
Dumping type	High level self-dumping
Dumping driving type	Hydraulic drive

Key features and advantages:-

- 1.) Install a Cummings 180HP high pressure common rail diesel engine, powerful and low consumption.
- 2.) The patent technology of height of unloading, matching a special designed transition vehicle that ensuring a more efficient harvesting.
- 3.) The patent technology of whole frame enable a lower center of gravity, steering comfortable, fastest transfer,it is an amazing harvester for a middle and small plot.
- 4.) The conveying channel adopting a Independent floating hollow drum. This Patent technology of differential conveying enable a more smoothly conveying, gain a more cleaning segment of cane.
- 5.) The harvester adopting electronic hydraulic control system, Multiple operation modes can be selected by default,achieving one key operation,ensuring the harvesting more convenient, more easier, more comfortable.
- 6.) Bei-dou satellite or GPS tracing and positioning systems,as well as CAN bus technology, Combined with mobile communication network, Effectively monitoring of sensor real-time datas, achieving remote monitoring and diagnosis.



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