



SWCP6A Cotton Picker



◆ **Robust engine power**

The cotton picker SWCP6A is equipped with a 6-cylinder, 16-liter turbocharged engine that delivers up to 760 horsepower, providing ample power to meet the high-efficiency and high-intensity operational demands of the machine. The rated speed is 1900 revolutions per minute (rpm), which is the balance point for engine efficiency and performance, resulting in better fuel economy, stability, and reliability.

◆ **High picking efficiency**

In harvest mode, the picking speed reaches 7 km/h in I gear and 8.5 km/h in II gear.

◆ **Extraordinary picking capacity**

The cotton picker SWCP6A features a total of 6 cotton picking heads, each divided into front and rear roller stages for a two-tier harvesting process. The layout is scientifically sound and rational, with a spindle speed of up to 4700 revolutions per minute (rpm). Each picking head is equipped with 560 spindles, ensuring thorough, rapid harvesting with a high cleaning rate, even in high-yield cotton fields.

◆ **Excellent capacity of passing rough terrain**

The cotton picker SWCP6A has a robust and stable chassis, with the front wheels being dual-mounted. The machine operates with all four wheels driving simultaneously, allowing it to easily traverse muddy and uneven terrain, minimizing the risk of getting stuck.



The Convergence of Humanities, Art, and Technology--Modernized Cabin

SWCP6A The cotton harvesting and baling machine's cab features a flying eave-style exterior roof and a wraparound front windshield design, which is both spacious and stable without losing tension, offering a broader view. It is equipped with a patented fresh air positive pressure air conditioning system, ensuring a clean air environment at all times. Additionally, it includes adjustable air cushion seats and a "Driver Presence System", providing a safe, comfortable, and aesthetically pleasing working environment in the field.



Modern, Intelligent, Humanized

Equipped with automatic imitation driving, automatic alignment, and unmanned driving features with 5G IoT terminal configuration.

Capable of providing "Shanhe Cloud" smartphone client services.



Convenient transportation

Modular design for easy disassembly and assembly, allowing for the transportation of the entire equipment with just one truck.



Performance and Parameters

Item		Unit	Parameter
Cotter picking devices	Number of Picking Heads	/	6
	Spindle tubes	/	Front 16,Rear12
	Spindles per tube	/	20
Engine	Brand and Power	/	Yuchai YCK16775-T300
	Rated power	kW	570
		hp	764
	Rated RPM	rpm	1900
	Displacement	L	16
	Emission standard	/	China III、China IV
Max.travel speed	I gear during harvesting	km/h	7
	II gear during harvesting		8.5
	I gear on the highway		14.5
	II gear on the highway		27.5
Drive type		/	4WD
Max.gradeability (unload)		%	35
Min.turning radius		m	7.5
Wheelbase		mm	4320
Front wheels	Wheel tread	mm	2280/3800
	Mounting type	/	Dual wheels
	Tyre model	/	520/85 R42
Rear wheels	Wheel tread	mm	2280
	Mounting type	/	Single wheel
	Tyre model	/	580/80 R34
Cotton box	Capacity	m ³	9.5
Bale system	Max.bale diameter	m	2.4
	Bale width	m	2.4
Overall dimensions	Harvesting	mm	10094X5440X5290
	Transportation	mm	12264X3580X4150
Weight		kg	33000

★Above information may be changed due to the upgrade.

