

SATCO[®]

SAT214 PROCESSOR



The **SATCO[®]** 214 is a small processor with heavy duty features designed to carry out a range of operations from thinning to medium/final cut.

Utilising **SATCO[®]** design mentality for manufacturing heavy duty harvesting, processing and felling heads.

There are two sets of moving delimb knives and one fixed top knife. With two independent drive rollers following the contour of the stem is done with ease. You choose your level of control.

SATCO[®] offers three levels of control system, **SATCO[®]** Plus 1, DASA5 PRIO and DASA5 Optimising.

The **SATCO[®]** 214 - the smallest in the family with big features.

The 214 features:

- Large diameter pins, all pivot pins are $\varnothing 6\text{cm}$ ($2\frac{3}{8}''\varnothing$), all cylinder pins are $\varnothing 4.5\text{cm}$ ($1\frac{3}{4}''\varnothing$)
- All pivot pins are retained using **SATCO[®]**'s **DEAD LOCK[®]** pin retention system, a special clip system adding to the strength of the chassis with no extra weight
- Four of the five cylinders are identical so they use common parts - Five cylinders in total
- Control valve is rated at 200lpm (52.8gpm) (US) per section at 420bar (6100psi) with proportional pressure
- Overall height has been kept to a minimum so the processor can be worked in close to the base machine without the main lift cylinders bottoming out
- There is no intermediate swivel on the hanger bracket allowing hoses to connect straight from the stick to control valve. Less hose and fittings = less mess
- Large 20cm (8") diameter measuring wheel
- Diameter is measured close to the bottom saw = better accuracy
- Standard twin bottom delimb arms = better felling control and trimming

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LOGGING ATTACHMENTS

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Height to centre of rotate swivel link (min) depending on rotate option:			
		196cm	77"
Number of knives:			
		4 moving and 1 fixed	
Weight:			
(less rotate and swivel link):			
		1370kg	3000lbs
Feed Force:			
Motors	500cc -	18kn	4046lbf
	630cc -	21kn	4721lbf
Feed Speed:			
Motors	500cc -	6m/sec	19.7f/s
	630cc -	4.8m/sec	15.7f/s
Max Full Coverage Delimb Diameter:			
		35cm	14"
Max Roller Open:			
		60cm	24"
Max Delimb Open:			
		60cm	24"
Min Close:			
		3cm	1 1/4"
Saw Type:			
		Hultdins supercut 100 - 19cc Motor	
Max Cut:			
		64cm	25"
Min Oil Flow:			
		150lpm	40gpm (US)
Measuring:			
		SATCO® Plus 1 DASA5 PRIO DASA5 Optimising	
Carrier Size:			
		12 - 20 tonne	



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