

## QS505

The QS505 grapple processor is designed to be able to sort, shovel and load like a grapple and process, measure and cut with all the advantages of a Southstar processor. Combine your loading and processing into one effective machine. The QS505 is designed for small to medium-sized wood with an optimum operating size of 18-24" in diameter. This large multi-tree grapple processor is packed full of design features that set it apart from the competition.



# QS505

## STANDARD CONFIGURATION

## METRIC

## IMPERIAL

WEIGHTS & DIMS.	Weight ( <i>Including Rotator Top &amp; Link</i> )	2,686 kg	5,921 lbs
	Height ( <i>In Harvesting Position</i> )	2,720 mm	107"
	Maximum Width ( <i>With Head Open</i> )	1,731 mm	68"
	Degree of Rotation	Continuous 360°	
DRIVE SECTION	Number of Drive Rollers	4	
	Motor Size ( <i>Drive Arm</i> )	630 cc	
	Motor Size ( <i>Fixed Center Drive</i> )	400 cc	
	Maximum Drive Roller Opening ( <i>Diameter</i> )	815 mm	32"
	Maximum Drive Roller Closing ( <i>Diameter</i> )	75 mm	3"
	Feed Speed	5.5 – 7.6 mps	18 – 25 fps
DELIMB SECTION	Maximum Delimb Opening ( <i>Diameter</i> )	710 mm	27.5"
	Minimum Delimb Closing ( <i>Diameter</i> )	75 mm	3"
	2 Stem Processing +/- 1" Accuracy	250 mm	9.8"
	3 Stem Processing +/- 1" Accuracy	180 mm	7"
BUTT SAW	Saw Type	SS 3/4	SS 3/4
	Bar Size	863.6 mm	34"
	Chain Pitch	19.05 mm	3/4"
	Chain Auto Tension	Standard	
	Laser Find End	Standard	
TOP SAW	Bar Size	710 mm	28"
	Chain Pitch	10.26 mm	0.404"
CARRIER REQS.	Carrier Size ( <i>Tracked</i> )	20,000 – 25,000 kg	20 – 22 ton
	Maximum Pressure	35 mpa	5,076 psi
	Optimum Flow @ Pressure	300 – 320 lpm @ 15 mpa	79 – 85 gpm @ 2,175 psi
CONTROL SYSTEM	Full Optimization	Optional	
	Electronic Calipers ( <i>For Electronic Calibrations</i> )	Optional	
CONFIGS.	Butt Saw Chain Grease System	Optional	
	Continuous 360 Rotation	Standard	
	Startrax ( <i>Satellite Communication System</i> )	Optional	