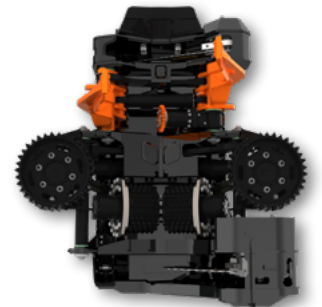


QS505

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 & 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	