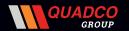




## **QS505**

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 QS5050 is designed for small to medium-sized wood with an optimum operating size of 18-24" in diameter. This large mutli-tree grapple processor is packed full of design features that set it apart from the competition.





## **QS505**

| STANDARD CONFIGURATION |   | METRIC                                | IMPERIAL                |
|------------------------|---|---------------------------------------|-------------------------|
| WEIGHTS<br>& DIMS.     | Weight (Including Rotator Top & Link)             | 2,686 kg                              | 5,921 lbs               |
|                        | Height (In Harvesting Position)                   | 2,720 mm                              | 107"                    |
|                        | Maximum Width (With Head Open)                    | 1,731 mm                              | 68"                     |
|                        | Degree of Rotation                                | Continuous 360°                       |                         |
| DRIVE                  | Number of Drive Rollers                           | 4                                     |                         |
|                        | Motor Size (Drive Arm)                            | 630 cc                                |                         |
|                        | Motor Size (Fixed Center Drive)                   | 400 cc                                |                         |
|                        | Maximum Drive Roller Opening (Diameter)           | 815 mm                                | 32"                     |
|                        | Maximum Drive Roller Closing (Diameter)           | 75 mm                                 | 3"                      |
|                        | Feed Speed  | 5.5 – 7.6 mps                         | 18 – 25 fps             |
| DELIMB                 | Maximum Delimb Opening (Diameter)                 | 710 mm                                | 27.5"                   |
|                        | Minimum Delimb Closing (Diameter)                 | 75 mm                                 | 3"                      |
|                        | 2 Stem Processing +/- 1" Accuracy                 | 250 mm                                | 9.8"                    |
|                        | 3 Stem Processing +/- 1" Accuracy                 | 180 mm                                | 7"                      |
| BUTT<br>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                    | Bar Size  | 710 mm                                | 28"                     |
|                        | Chain Pitch                                       | 10.26 mm                              | 0.404"                  |
| CARRIER<br>REGS.       | Carrier Size (Tracked)                            | 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                | Full Optimization                                 | Optional                              |                         |
|                        | Electronic Calipers (For Electronic Calibrations) | Optional                              |                         |
|                        |   | · · · · · · · · · · · · · · · · · · · |                         |
| CONFIGS.               | Butt Saw Chain Grease System                      | Optional                              |                         |
|                        | Continuous 360 Rotation                           | Standard                              |                         |
|                        | Startrax (Satellite Communication System)         | Optional                              |                         |