

QS605

The QS605GP 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 multi-stem processor. Combine your loading and processing into one effective machine.



Twin rotate motors

Powerful twin rotate motor drive allows operator to rotate logs up steep slopes and when loading trucks on uneven ground.

Wide frame structure

Wide frame design for structural strength resulting in a reduction in frame cracking. This also allows for improved hose routing with minimal exposed hoses.

Touch-less encoders

Magnetic touch-less encoders for better accuracy and extended life duration.

Bushings

D-Glide bushing material for extended life and durability of main pins.

Side stepping drive

Innovative side stepping drive feature allowing for independent control of two stems. This allows the operator to align butts of multiple stems, trim defects in one stem but not the other, and/or process one stem and not the other.

Grapple delimb arms

Extra-large capacity grapple delimb arms to maximize capacity while retaining delimiting excellence.

4x4 drive system

Powerful 4x4 drive system providing amplified torque in large wood when processing, while increasing productivity with the ability to multi-stem small wood.

Continuous 360° rotation

Continuous 360° rotation with hose through design to better protect hosing. Standard on every model.

Twin tilt cylinders

Powerful tilt lock system - activated with twin cylinders allowing this grapple processor to operate without a heel attached.

Tilt leveling

Innovative tilt leveling software to control logs when loading from the back of a trailer or handling wood off center.

Measuring wheel

Extra wide measuring wheel allows operator to accurately measure both single and multi-stems.

Lock pins

Large diameter with expander lock pins for decreased wear and increased life.

Drive arm opening

Unique drive arm design fold out when loading for extra capacity.

Chain auto tension

Southstar's 3/4" saw unit complete with hydraulic chain auto tension.

Laser find end sensors

Dual find end sensors to eliminate wastage when multi-stemming.

SPECIFICATIONS

STANDARD CONFIGURATION	METRIC	IMPERIAL
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DIMENSIONS & WEIGHT

Weight including rotator top and link	3,472 kg	7,654 lbs
Height in harvest position including rotator top and link	2,018 mm	79 "
Maximum width with arms open	2,350 mm	93 "

DRIVE SECTION

Motor cc standard (drive arm)	1,048 cc	1,048 cc
Motor cc standard (fixed center drive)	630 cc	630 cc
Maximum drive roller opening	1,290 mm	42.5 "
Minimum drive roller closing diameter	80 mm	3.1 "
Feed speed	4.8 - 5.7m/s	14.4 - 17.4 ft/s

DELIMB SECTION

Maximum delimb opening	939 mm	32 "
Minimum delimb closing diameter	120 mm	3.1 "
2 stem processing +/- 1" accuracy	300 mm	11.8 "
3 stem processing +/- 1" accuracy	200 mm	7.9 "

BUTT SAW

Saw type	Southstar 3/4	Southstar 3/4
Bar size	965 mm	38 "
Chain pitch	19.05 mm	3/4 "
Chain auto tension	Optional	Optional

TOP SAW

Bar size	642 mm	30 "
Chain pitch	10.26 mm	0.404 "

CONTROL SYSTEM

Dasa5 standard with detailed production reports

Optional additions:

- Full optimisation	Optional	Optional
- Electronic Callipers for electronic calibration	Optional	Optional

OPTIONAL CONFIGURATIONS

Butt saw chain grease system	Optional	Optional
Continuous 360° rotation	Optional	Optional
400° rotation	Optional	Optional
Startrax satellite communication system	Optional	Optional

CARRIER REQUIREMENTS

Size	25,000kg-30,000kg	25-30 t
Maximum pressure	35Mpa	5,076 Psi
Optimum flow @ pressure	300-350 l/min @ 15 Mpa	79-93 Gl/min @ 2175 Psi

* The manufacturer reserves the right to amend these specifications at any time without prior notice.

22"-26"

MOST PRODUCTIVE TREE SIZE

