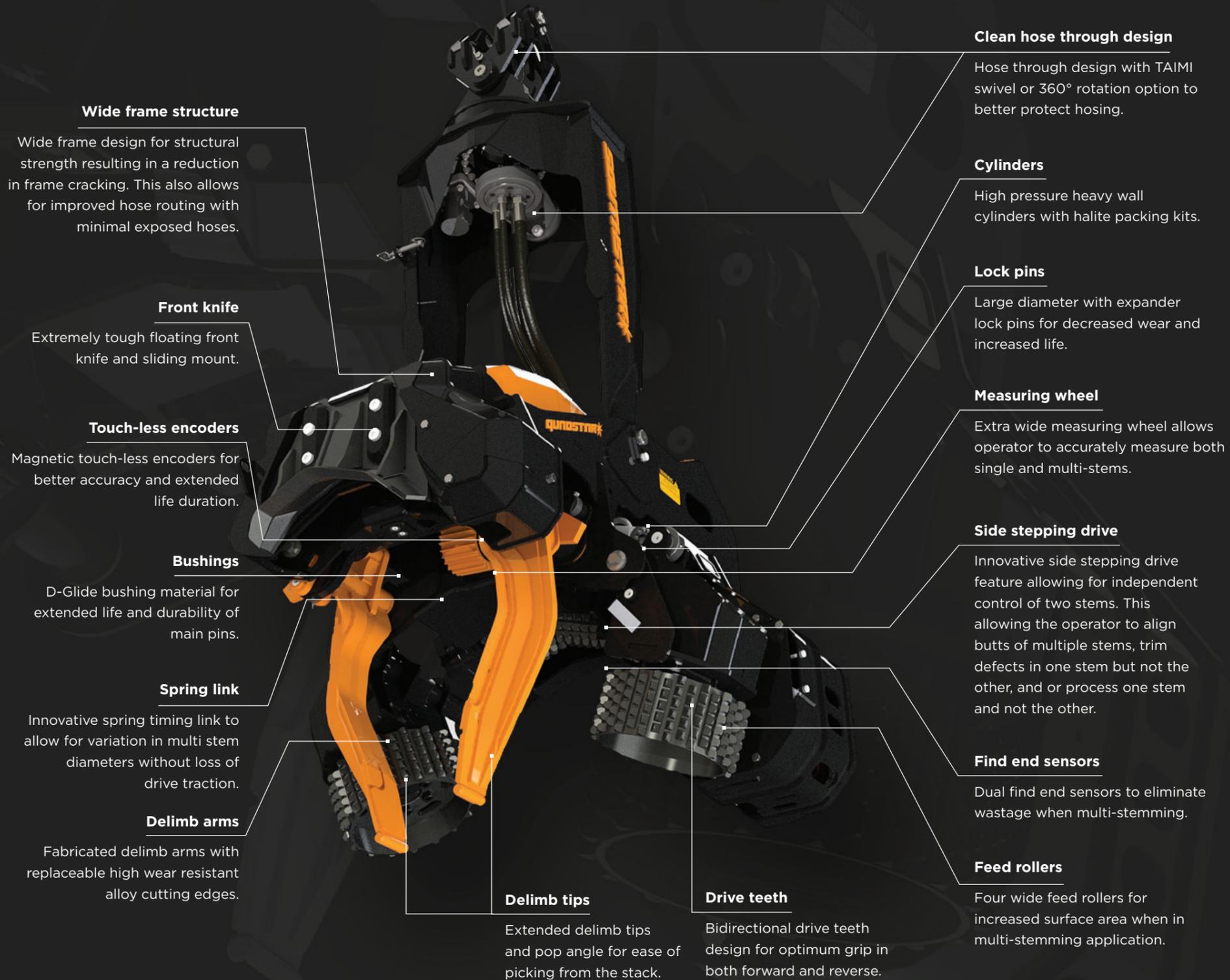


QUADSTAR500

The original propose-built multi-stem processor, the QS500 is designed for small to medium sized stems ideal for harvesting or road-side processing.



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.

Front knife

Extremely tough floating front knife and sliding mount.

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.

Spring link

Innovative spring timing link to allow for variation in multi stem diameters without loss of drive traction.

Delimb arms

Fabricated delimb arms with replaceable high wear resistant alloy cutting edges.

Delimb tips

Extended delimb tips and pop angle for ease of picking from the stack.

Drive teeth

Bidirectional drive teeth design for optimum grip in both forward and reverse.

Clean hose through design

Hose through design with TAIMI swivel or 360° rotation option to better protect hosing.

Cylinders

High pressure heavy wall cylinders with halite packing kits.

Lock pins

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

Measuring wheel

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

Side stepping drive

Innovative side stepping drive feature allowing for independent control of two stems. This allowing 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.

Find end sensors

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

Feed rollers

Four wide feed rollers for increased surface area when in multi-stemming application.

SPECIFICATIONS

STANDARD CONFIGURATION	METRIC	IMPERIAL
DIMENSIONS & WEIGHT		
Weight including rotator top and link	2,686 kg	5,921 lbs
Height in harvest position including rotator top and link	2,720 mm	107 "
Maximum width with arms open	1731 mm	68 "
DRIVE SECTION		
Motor cc standard (drive arm)	630 cc	630 cc
Motor cc standard (fixed center drive)	400 cc	400 cc
Maximum drive roller opening	815 mm	32 "
Minimum drive roller closing diameter	75 mm	3 "
Feed speed	5.5 - 7.6 m/s	18 - 25 ft/s
DELIMB SECTION		
Maximum delimb opening	649 mm	25.5 "
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 SAW		
Saw type	Southstar 3/4	Southstar 3/4
Bar size	863.6 mm	34 "
Chain pitch	19.05 mm	3/4 "
Chain auto tension	Optional	Optional
TOP SAW		
Bar size	642 mm	25.5 "
Chain pitch	10.26 mm	0.404 "
CONTROL SYSTEM		
Dasa5 standard with detailed production reports		
<i>Optional additions:</i>		
- 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	20,000 kg - 25,000 kg	20-25 t
Maximum pressure	35 Mpa	5076 Psi
Optimum flow @ pressure	300-320 l/min @ 15 Mpa	79-85 Gl/min @2175 Psi

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

18"-24"

MOST PRODUCTIVE TREE SIZE

