

CAT® 511/521/522/523

ZTS TRACK FELLER BUNCHERS & TRACK HARVESTERS – RANGE DIAGRAMS



522 Track Feller Buncher



521 Track Feller Buncher

FEATURES

- Cat® C9 ACERT™ Tier II emission standard engine has greater fuel efficiency than its predecessor, along with excellent power, serviceability and durability
- Most robust tilt mechanism in the industry, the tilting models (522/532) have a patented 3-cylinder tilt mechanism with simultaneous tilting forward and side-to-side
- Proven rugged undercarriage designed for the toughest harvesting conditions ranging from wet bottomlands to steep rocky slopes
- Hydraulically actuated clam-shell service door provides full access
- Comfortable, purpose built forestry cab with heavy duty guarding meets FOPS/ROPS/OPS requirements
- Hydraulic system is easily interchangeable between felling, harvesting and intermittent saw requirements.

MODEL	511	521	522	532
Rated Power @ 2100 RPM	170.0 kW / 228 hp	196.1 kW / 263 hp	196.1 kW / 263 hp	196.1 kW / 263 hp
Gross Power @ 1800 RPM	184.2kW / 247 hp	211.8 kW / 284 hp	211.8 kW / 284 hp	211.8kW / 284 hp
Operating Weight (w/o head)*	24362 kg / 53710 lb	27084 kg / 59710 lb	29806 kg / 65710 lb	31620 kg / 69710 lb
Operating Weight (w/o head)**	23790 kg / 52440 lb	26050 kg / 57440 lb	30410 kg / 67040 lb	31450 kg / 69340 lb
Engine Model	Cat C9 ACERT	Cat C9 ACERT	Cat C9 ACERT	Cat C9 ACERT
Displacement	537 in3 / 8.8 L	537 in3 / 8.8 L	537 in3 / 8.8 L	537 in3 / 8.8 L
Max. Drawbar Pull	27896 kg / 61500 lb	30118.5 kg / 66400 lb	32114 kg / 70800 lb	36333 kg / 80100 lb
Max Reach (w/ head)*	8.1 m / 26 ft 6 in	8.1 m / 26 ft 6 in	8.1 m / 26 ft 6 in	8.1 m / 26 ft 6 in
Max Reach (w/ head)**	9.8 m / 32 ft	9.8 m / 32 ft	9.8 m / 32 ft	9.8 m / 32 ft
Bare Pin Lift @ Max Reach (w/o head)*	7100 kg / 15600 lb @ 20 ft / 6.1 m	7100 kg / 15600 lb @ 20 ft / 6.1 m	7100 kg / 15600 lb @ 20 ft / 6.1 m	7100 kg / 15600 lb @ 20 ft / 6.1 m
Bare Pin Lift @ Max Reach (w/o head)**	4100 kg / 9100 lb @ 29.5 ft / 9.0 m	4100 kg / 9100 lb @ 29.5 ft / 9.0 m	4100 kg / 9100 lb @ 29.5 ft / 9.0 m	4100 kg / 9100 lb @ 29.5 ft / 9.0 m
Track Gauge	102 in / 2591 mm	102 in - 113 in / 2591 mm - 2870 mm	102 in - 113 in / 2591 - 2870 mm	102 in - 113 in / 2591 - 2870 mm
Track Length	180 in / 4572 mm	189 in / 4801 mm	189 in / 4801 mm	192 in / 4877 mm
Fuel Capacity	140 US Gal / 530 L	140 US Gal / 530 L	140 US Gal / 530 L	140 US Gal / 530 L
Height (to top of cab)	128 in / 3251 mm	137 in / 3480 mm	151 in / 3835 mm	153 in / 3886 mm
Overall Width (24 in / 610 mm SG)	126 in / 3200 mm	126 in / 3200 mm	126 in - 137 in / 3200 - 3480 mm	126 in - 137 in / 3200 - 3480 mm
Ground Clearance	30 in / 762 mm	33 in / 838 mm	33 in / 838 mm	35 in / 889 mm
Undercarriage (size/pitch)	325 HEX / 8 in / 203.2 mm	D6H HD / 8 in / 203.2 mm	D6H HD / 8 in / 203.2 mm	330 HEX / 8.5 in / 215.9 mm

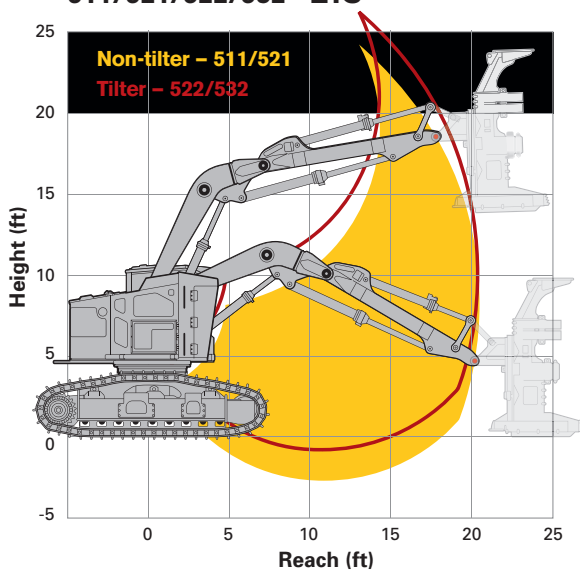
* Track Feller Buncher – Lift over front of tracks

** Track Harvester Configuration – Lift over front of tracks

CAT® 511/521/522/523

ZTS TRACK FELLER BUNCHERS & TRACK HARVESTERS – RANGE DIAGRAMS

Lift Range Information - Felling Linkage
511/521/522/532 - ZTS



Lift Over Front of Tracks

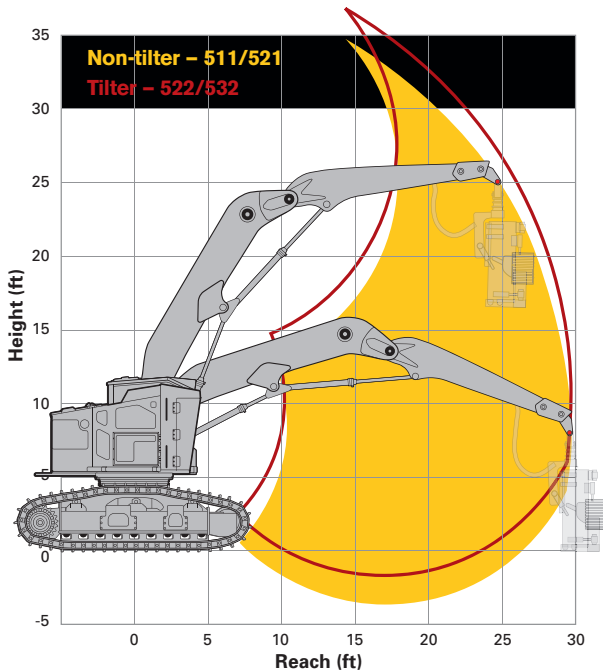
MODEL	511	521	522	532
Reach	Lift Capacity	Lift Capacity	Lift Capacity	Lift Capacity
2.4 m / 8 ft	16900 kg / 37200 lb	17300 kg / 38200 lb	17800 kg / 39300 lb	17900 kg / 39400 lb
4.5 m / 15 ft	9500 kg / 21000 lb	9600 kg / 21200 lb	9700 kg / 21500 lb	9800 kg / 21500 lb
6.1 m / 20 ft	7100 kg / 15600 lb	7100 kg / 15600 lb	7100 kg / 15600 lb	7100 kg / 15600 lb

Lift Over Side of Tracks

MODEL	511	521	522	532
Reach	Lift Capacity	Lift Capacity	Lift Capacity	Lift Capacity
2.4 m / 8 ft	16900 kg / 37200 lb	17300 kg / 38200 lb	17800 kg / 39300 lb	17900 kg / 39400 lb
4.5 m / 15 ft	8600 kg / 18900 lb	9500 kg / 21000 lb	9700 kg / 21500 lb	9800 kg / 21500 lb
6.1 m / 20 ft	5400 kg / 11900 lb	6100 kg / 13300 lb	7100 kg / 15600 lb	7100 kg / 15600 lb

Note: Lift Capacity shown without attachment.
Additional reach and attachment weight will reduce lift capacity.

Lift Range Information - Harvesting Linkage
511/521/522/532 - ZTS



Lift Over Front of Tracks

MODEL	511	521	522	532
Reach	Lift Capacity	Lift Capacity	Lift Capacity	Lift Capacity
3 m / 10 ft	4500 kg / 10000 lb	4500 kg / 10000 lb	4500 kg / 10000 lb	4500 kg / 10000 lb
6.1 m / 20 ft	6900 kg / 15200 lb	6900 kg / 15200 lb	6900 kg / 15200 lb	6900 kg / 15200 lb
9.0 m / 29.5 ft	4100 kg / 9100 lb	4100 kg / 9100 lb	4100 kg / 9100 lb	4100 kg / 9100 lb

Lift Over Side of Tracks

MODEL	511	521	522	532
Reach	Lift Capacity	Lift Capacity	Lift Capacity	Lift Capacity
3 m / 10 ft	4500 kg / 10000 lb	4500 kg / 10000 lb	4500 kg / 10000 lb	4500 kg / 10000 lb
6.1 m / 20 ft	5300 kg / 11600 lb	5900 kg / 13000 lb	6900 kg / 15200 lb	6900 kg / 15200 lb
9.0 m / 29.5 ft	2900 kg / 6300 lb	3300 kg / 7200 lb	4100 kg / 9100 lb	4100 kg / 9100 lb

Note: Lift Capacity shown without attachment.
Additional reach and attachment weight will reduce lift capacity.

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AEXQ0074

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