

# 2003 Annual FELLER-BUNCHER SPECIFICATION CHART

Today's market is a tough one. Margins are tight and it's vital to have the right machine on the job to remain profitable. Each year, manufacturers hone their feller-buncher lines to help the harvesters meet their goals and achieve maximum productivity.

Because there is a wide range of feller-bunchers to choose from, we have tried to make your selection process easier. We have gathered information on a number of models and presented our results in this year's Feller-Buncher Specification Chart.

The chart is divided into two sections — swing-to-tree and drive-to-tree. From there, specs are further broken down by class and weight.

If you would like more information on any of the models, you are encouraged to contact an authorized dealer, distributor, or manufacturer for more detailed information.

These specifications are current as of May 2003. Although we try to make certain that all material is correct, specifications may have changed. And the inclusion or exclusion of any particular manufacturer or model is not meant in any way as an endorsement or comment on suitability.



## Drive to Tree

Company	Model	Operating Weight (Total in lbs.)	Engine (Mfg. Name & Model No.)	Engine Horsepower (at recommended RPM)	Tire Size (Standard Size)	Wheel base (in feet & inches)	Overall Width (in feet & inches)	Travel Speed (# of speeds & MPH)	Ground Clearance (in feet & inches)
FRANKLIN	C3600	15,000	Cummins 6BT	152 hp	24.5x32	9'10"	9'	0-6.6	2'7"
VALMET	603 3-Wheel	19,800	Cummins 4BTA	130 hp @ 2500	23.1x26	9'10"	9'4"	NA	1'8"
FRANKLIN	C4500	22,200	Cummins 6BTA	185 hp	28LX26	9'1"	9'2"	0-13	1'7"
HYDRO-AX	470	25,000	Cummins 6BTAA	173 hp	23.1	8'4"	8'4"	14	1'9"
TIMBERKING	340	25,000	Cat 3126B	175 hp	23.1	8'4"	8'4"	14	1'9"
JOHN DEERE	643H	25,975	Deere 6068T	170 hp @ 2,000	23.1x26L/28L	8'8"	9'6"	(2) 0-5/0-12.5	1'8"
TIMBERJACK	740	25,975	Deere 6068T	170 hp @ 2,000	23.1x26L/28L	8'8"	9'6"	(2) 0-5/0-12.5	1'8"
JOHN DEERE	843H	26,275	Deere 6068H	200 hp @ 2,000	23.1x26L/28L	9'2"	9'10"	(2) 0-5/0-12.5	1'8"
TIMBERJACK	840	26,275	Deere 6068H	200 hp @ 2,000	23.1x26L/28L	9'2"	9'10"	(2) 0-5/0-12.5	1'8"
BARKO	685	27,000	Cummins 6BTA5.9	168 hp @ 2,200	28Lx26	8'9"	9'4"	0-10.8 mph	1'9"
HYDRO-AX	570	27,000	Cummins QSB	180 hp	28L	9'5"	9'2"	0-13.5	1'9"
TIMBERKING	350	27,000	Cat 3126B	200 hp	28L	9'5"	9'2"	0-13.5	1'9"
HYDRO-AX	670	27,500	Cummins QSB	215 hp	28L	9'5"	9'8"	0-14	1'9"
TIMBERKING	360	27,500	Cat 3126B	225 hp	28L	9'5"	9'8"	0-14	1'9"
FRANKLIN	C4800	28,000	Cummins 6BTA	200 hp	28LX26	9'1"	9'8"	0-13	1'9"
TIMBERKING	370	28,535	Cat 3126B	204 hp	28L	9'4"	10'2"	8.5	1'8"
TIGERCAT	718	30,100	Cummins 6BTA5.9	173 hp	23.1x26	8'11"	8'4"	(2) 11 mph	1'8"
FRANKLIN	C5500	30,400	Cummins 6CT8.3	230 hp	30.5x32	9'11"	10'5"	0-13	1'10"
TIGERCAT	720D	30,500	Cummins 6BTA5.9	173 hp	23.1x26	9'4"	8'4"	(2) 11 mph	1'8"
TIMBERKING	380	30,660	Cat 3126B	225 hp	30.5	9'4"	11'1"	8.5	2'6"
BARKO	785B	30,800	Cummins 6BTA5.9	174 hp @ 2,500	28Lx26	9'0"	9'4"	0-11.9 mph	1'9"
BARKO	885B	31,000	Cummins 6CT8.3	215 hp @ 2,200	28Lx26	9'0"	9'4"	0-11.9 mph	1'9"
TIGERCAT	724D	32,400	Cummins 6CT8.3	215 hp	28Lx26	9'4"	9'10"	(2) 12 mph	1'11"
TIGERCAT	726B	33,300	Cummins 6CT8.3	215 hp	28Lx26	9'3"	9'10"	(2) 12 mph	1'11"

# Swing to Tree

Company	Model	Operating Weight (Total in lbs.)	Engine (Mfg. Name & Model No.)	Engine Horsepower (at recommended RPM)	Standard Boom Length (in feet & inches)	Maximum Reach (in feet & inches)	Min. Operating Radius (in feet & inches)	Lift Capacity (in pounds @ feet)	Track Length (in feet & inches)	Ground Clearance (in feet & inches)
FABTEK	133	40,000	JD 6068T	165 hp @ 2,100	21'	27'	7'	1,400 @ 10'	12'1"	2'
TIMBCO	415	41,175	Sisudiesel 74 ETA	215 hp @ 2,200	26'3"	21'5"	7'	8,150 @ 20'	13'3"	2'1"
VALMET	510	41,175	Sisudiesel 74 ETA	215 hp @ 2,200	26'3"	21'5"	7'	8,150 @ 20'	13'3"	2'1"
JOHN DEERE	653G	44,982	Cummins 6BTA	167 hp @ 2,000	NA	23'6"	9'7"	3,366 @ 23'6"	13'	2'6"
TIMBERJACK	608B	46,300	Deere 6081H	181 hp @ 2,000	NA	23'6"	11'8"	3,366 @ 23'6"	13'7"	2'6"
FABTEK	153	45,000	JD 6068T	165 hp @ 2,100	23'	27'	7'	8,150 @ 20'	13'	2'2"
JOHN DEERE	753G	52,200	Deere 6081H	241 hp @ 2,000	NA	25'8"	15'3"	2,900 @ 25'8"	14'6"	2'3"
TIMBERJACK	608S	52,200	Deere 6081H	241 hp @ 2,000	NA	25'8"	15'3"	2,900 @ 25'8"	14'6"	2'3"
TIMBCO	425	52,535	Cummins 300 QSC	300 hp @ 1,900	26'3"	21'5"	7'6"	11,500 @ 20'	14'4"	2'3"
VALMET	520	52,535	Sisudiesel 84 ETA	300 hp @ 1,900	26'3"	21'5"	7'6"	11,500 @ 20'	14'4"	2'3"
TIMBCO	425	53,270	Cummins 300 QSC	300 hp @ 1,900	26'3"	21'5"	7'6"	11,500 @ 20'	15'4"	2'8"
VALMET	530	53,270	Sisudiesel 84 ETA	300 hp @ 1,900	26'3"	21'5"	7'6"	11,500 @ 20'	15'4"	2'8"
TIGERCAT	845B	55,000	Cummins 6CT8.3L	230 hp @ 2,200	NA	25'6"	13'5"	6,410 @ 18'3"	14'5"	2'4"
CATERPILLAR	TK 711	55,840	Caterpillar 3126	195 hp @ 2,100	NA	25'8"	11'9"	14,000 @ 21"	14'11"	2'6"
TIMBCO	445	56,675	Cummins 300 QSC	300 hp @ 1,900	26'3"	21'5"	7'6"	11,500 @ 20'	15'4"	2'6"
VALMET	540	56,675	Sisudiesel 84 ETA	300 hp @ 1,900	26'3"	21'5"	7'6"	11,500 @ 20'	15'4"	2'6"
PRENTICE	620 FB	58,100	Cummins 6CT	260 hp @ 2,200	23'	32'6"	10'	8,810 @ 23'	15'2"	2'4"
JOHN DEERE	753GL	59,150	Deere 6081H	241 hp @ 2,000	NA	23'3"	12'7"	3,366 @ 23'3"	14'6"	2'6"
TIMBERJACK	608L	59,150	Deere 6081H	241 hp @ 2,000	NA	23'3"	12'7"	3,366 @ 23'3"	14'6"	2'6"
CATERPILLAR	TK 711B	60,000	Caterpillar C9	228 hp @ 2,100	NA	25'8"	11'9"	14,000 @ 21'	14'11"	2'6"
CATERPILLAR	TK 721	61,390	Caterpillar 3126	230 hp @ 2,100	NA	25'8"	11'9"	14,000 @ 21'	15'9"	2'8"
MADILL	2200B	62,000	Detroit Diesel Series 50	275 hp @ 2,000	22'3"	27'9"	13'4"	11,500 @ 20'10"	14'6"	2'6"
TIGERCAT	822	62,000	Cummins QSC8.3L	240 hp @ 2,200	NA	27'5"	10'7"	5,550 @ 19'8"	14'5"	2'3"
TIGERCAT	860	63,000	Cummins QSL9L	280 hp @ 1,800	NA	28'6"	15'6"	9,000 @ 20'4"	15'	2'3"
JOHN DEERE	853G	64,300	Deere 6081H	255 hp @ 2,000	NA	26'11"	15'10"	6,100 @ 26'	14'6"	2'5"
TIMBERJACK	850	64,300	Deere 6081H	255 hp @ 2,000	NA	26'11"	15'10"	6,100 @ 26'	14'6"	2'5"
TRANS-GESCO	TG460	65,000	Cummins QSL9/ DD SERIES 50	300 hp @ 1,800/ 315 hp @2100	28'6"	32'10"	10'4"	15,500 @ 20'	15'4"	2'7"
TANGUAY	FB 760	65,648	Cummins 6CT8.3L	260 hp @ 2,200	24'	28'/32'	15'	14,200 @ 25'	15'6"	2'4"
CATERPILLAR	TK 721B	66,000	Caterpillar C9	243 hp @ 2,100	NA	25'8"	11'9"	14,000 @ 21'	15'9"	2'8"
PRENTICE	720 FB	67,000	Cummins 6CTA	260 hp @ 2,200	23'	32'6"	10'	8,810 @ 23'	15'2"	2'8"
TRANS-GESCO	TG465	68,000	Cummins QSL9/ DD SERIES 50	300 hp @ 1,800/ 315 hp @2100	28'6"	32'10"	10'4"	15,500 @ 20'	15'4"	2'7"
CATERPILLAR	TK 722	68,880	Caterpillar 3126	230 hp @ 2,100	NA	25'8"	11'9"	14,000 @ 21'	15'9"	2'8"
TIMBCO	475	69,100	Cummins 300 QSC	300 hp @ 1,900	28'4"	26'4"	7'8"	12,000 @ 26'	15'4"	2'8"
VALMET	560	69,100	Sisudiesel 84 ETA	300 hp @ 1,900	28'4"	26'4"	7'8"	12,000 @ 26'	15'4"	2'8"
VALMET	570	69,100	Sisudiesel 84 ETA	300 hp @ 1,900	28'4"	26'4"	7'8"	12,000 @ 26'	15'4"	2'8"
TRANS-GESCO	TG470	69,500	Cummins QSL9/ DD SERIES 50	330 hp @ 1,800/ 315 hp @2100	28'6"	32'10"	10'4"	15,500 @ 20'	15'2"	2'8"
MADILL	T2200B	70,000	Detroit Diesel Series 50	275 hp @ 2,000	22'3"	27'9"	13'4"	11,500 @ 20'10"	14'6"	2'4"

## Swing to Tree continued...

<i>Company</i>	<i>Model</i>	<i>Operating Weight (Total in lbs.)</i>	<i>Engine (Mfg. Name &amp; Model No.)</i>	<i>Engine Horsepower (at recommended RPM)</i>	<i>Standard Boom Length (in feet &amp; inches)</i>	<i>Maximum Reach (in feet &amp; inches)</i>	<i>Min. Operating Radius (in feet &amp; inches)</i>	<i>Lift Capacity (in pounds @ feet)</i>	<i>Track Length (in feet &amp; inches)</i>	<i>Ground Clearance (in feet &amp; inches)</i>
MADILL	2250B	70,000	Detroit Diesel Series 50	275 hp @ 2,000	22'3"	27'9"	13'4"	11,500 @ 20'10"	15'4"	2'6"
PRENTICE	630A FB	70,000	Cummins 6CTA	260 hp @ 2,200	23'	32'6"	10'	12,300 @ 23'	15'2"	2'4"
CATERPILLAR	TK 722B	72,000	Caterpillarr C9	243 hp @ 2,100	NA	25'8"	11'9"	14,000 @ 21'	15'9"	2'8"
TRANS-GESCO	TG475	72,500	Cummins QSL9/ DD SERIES 50	330 hp @ 1,800/ 315 hp @2100	28'6"	32'10"	10'4"	15,500 @ 20'	15'2"	2'8"
CATERPILLAR	TK 1051	74,500	Caterpillar 3176	260 hp	NA	21'6"	12'3"	8,000	12'6"	2'8"
TIGERCAT	870	74,500	Cummins QSL9L	280 hp @ 1,800	NA	28'6"	15'6"	9,000 @ 20'4"	15'8"	2'4"
CATERPILLAR	TK 732B	76,000	Caterpillar C9	262 hp @ 2,100	NA	25'8"	11'9"	14,000 @ 21'	16'1"	2'10"
PRENTICE	730A FB	76,000	Cummins 6CTA	260 hp @ 2,200	23'	32'6"	10'	12,300 @ 23'	15'4"	2'8"
MADILL	3200C	77,000	Detroit Diesel Series 50	300 hp @ 2,000	27'6"	34'1"	21'7"	10,200 @ 25'7"	15'4"	2'6"
JOHN DEERE	953G	77,200	Deere 6081H	255 hp @ 2,000	NA	28'3"	17'10"	7,400 @ 28'	15'6"	2'5"
TIMBERJACK	950	77,200	Deere 6081H	255 hp @ 2,000	NA	28'3"	17'10"	7,400 @ 28'	15'6"	2'5"
MADILL	T2250B	78,000	Detroit Diesel Series 50	275 hp @ 2,000	22'3"	27'9"	13'4"	11,500 @ 20'10"	15'4"	2'6"
CATERPILLAR	TK 1161	78,710	Caterpillar 3306	270 hp @ 1,800	NA	28'	15'	20,000 @ 22'	16'1"	2'10"
TIGERCAT	L830	79,000	Cummins QSL9L	280 hp @ 1,800	NA	27'5"	10'7"	5,550 @ 19'8"	15'8"	2'3"
TIGERCAT	L870	85,000	Cummins QSL9L	280 hp @ 1,800	NA	28'6"	15'6"	9,000 @ 20'4"	15'8"	2'4"
CATERPILLAR	TK 1162	86,210	Caterpillar 3306	270 hp @ 1,800	NA	28'	15'	20,000 @ 22'	16'1"	2'10"
ALLIED	ATH-28	94,700	CAT 3208	210 hp @ 2,100	NA	28'	12'	10,000	20'5"	2'6"