



Timberjack

600 SERIES



Feller Bunchers

FMG **Timberjack**

Timberjack 608 618 628

608 – 137 hp (102 kW), 42,000 lbs (19 030 kg) complete with matched 18-in (460 mm) felling saw.

618 – 207 hp (154 kW), 57,000 lbs (28 850 kg) complete with matched 20-in (510 mm) felling saw.

628 – 233 hp (174 kW), 73,000 lbs (33 100 kg) complete with matched 22-in (560 mm) felling saw.

Over 500 Timberjack 600 Series Feller Bunchers have set the standards for productivity and reliability in the logging industry. These outstanding machines were developed from the original 620 feller buncher introduced in 1984 to specifically overcome the weaknesses of converted excavators operating in the logging environment. Purpose-built from the ground up, the 620 gained immediate acceptance among loggers who recognized it as a true forest machine capable of driving their productivity up while maintaining an exceptional high level of mechanical reliability.

Today's second generation 600 Series – the 608, 618 and 628 – have widened the gap even further. You can see it in the way they move and maneuver over rough ground with their specially designed, fully enclosed undercarriages with a drawbar pull of close to 90% of machine weight; in the strength of their swing tables and purpose-designed boom sets; in their highly advanced hydraulic and cooling systems; in the use of a separate pump to drive the felling saw; in their spacious, high-visibility, comfortable cabs; and in their well-thought-out service access.

608 Because of its compact size and short tailswing that extends only a foot (30 cm) beyond the tracks during the swing, the 608 is equally suited to selective cutting and final felling. And it has the soft footprint to allow it to work on sensitive ground with minimal soil disturbance.

618 Most widely used of the 600s, the 618 is the right choice for medium sized trees in a wide variety of conditions. Power has been increased to 207 hp (154 kW) for improved performance. It carries a factory-matched 20-in (500 mm) felling saw head.

628 With 233 hp (174 kW), dual swing drive, large boom set, D7G class undercarriage and 22-in (560 mm) matched

disc saw head, the 628 has the strength and the lift capacity for high volume production in wood over 18-in (46 cm) at the butt.

Environment friendly. Besides a choice of track shoes to match the ground conditions, 600 Series undercarriages feature an easy approach angle to minimize ground disturbance.

A long-term investment. When you examine every component of a 600 Series Feller Buncher, you can readily see that this is a long-term investment in productivity and reliability, a machine that holds its value right through to trade-in. And when you consider that the pace and the success of your operation begins at the cut, it makes sense to go with the very best.



Serviceability and component p Never better than this.



Advanced hydraulics with high quality components. Easy to understand and service. Hydraulic power demand matched to engine output for longer component life and fuel savings.



Easy servicing. Catwalks, hand rails, doors and removable panels provide quick access to service points. Peaked-roof engine cover and well-placed deflectors reduce trash build-up. Less time servicing, more time producing.



Clean hydraulics. Oil spillage is avoided through use of a built-in hand pump and hose for clean, convenient fluid replacement; ORS hydraulic fittings and urethane sleeved hoses.



High capacity cooling system with swing-out radiator and oil cooler, plus a large hydraulic oil reservoir, help extend engine and component life. Woven steel mesh doors allow maximum air flow.



Forestry undercarriage. Built specifically to withstand the severity of forest conditions, the 600 Series undercarriages have the durability of a fully enclosed one-piece weldment using high-strength, wear-resistant steels.



Track rollers. Large tractor-type rollers are well protected by integral track guards, and are double flanged to ensure consistent guiding and reduce chain wear.

rotection.

Operator comfort. A productive place to work; strongly built, spacious, air-conditioned cab, fully adjustable seat, well-positioned joystick controls and foot pedals, and excellent visibility including an overhead skylight.



High tractive effort. Drawbar pull close to 90% of machine weight enables the 600s to maneuver effectively over rough, wet and hilly terrain. Planetary gear boxes and drive motors are well protected yet readily accessible.



Easy track approach angle allows the machine to ride up over obstacles and it reduces ground disturbance — often the difference between traveling on top of the root mat rather than breaking through.

Timberjack 608

Three machines in one.

Three very different factory-installed attachments give the 608 its versatility in both full tree and cut-to-length applications:

First, the standard high speed disc felling head makes it productive in boom-through felling of small wood, producing clean, mill grade cuts.

With a factory-installed FMG 762B Harvesting Head, the 608 becomes a highly efficient cut-to-length harvester, delivering fully processed log lengths at the stump. Its measuring and control system can help you gain the highest

yield from every stem with programmable pre-set log lengths for up to four species. And it provides volume measuring and recording as well.

The third application is in felling trees to 34-in (864 mm) diameter with the F850 Directional Felling Saw attachment. The operator directs the tree to fall then lifts the butt and places it on the bunch. With the F850 Head, the 608 is ideally suited to selective cutting in natural stands.



Ideal for thinning. Compact size and tailswing only a foot (30 cm) beyond track enable the 608 to work in tight spaces without damage to standing trees.



Koehring Waterous High Speed Disc Saw Felling Head, with rotatable teeth, multiple tree accumulator and optional $+ / - 15$ degree side-tilt wrist. 18-in front cut head standard, 20-in (as shown) optional.

FMG 762B Single Grip Harvesting Head, in one fully automated pass the 762B fells, delimits, cross-cuts, sorts and piles accurately scaled pre-selected log lengths.

F850 Directional Felling Saw. Well constructed head with protected plumbing, a strong rack and pinion rotator, 39.4-in (1 000 mm) bar, and 404 pitch chain with separate chain lubrication system.

TIMBERJACK 600 SERIES TRACK SHOE OPTIONS

	608	618	628
Standard Shoe	Double Grouser 24" 6.2 psi (43 kPa)	Double Grouser 24" 7.9 psi (55 kPa)	Double Grouser 24" 9.3 psi (64 kPa)
Optional	Single Grouser 24" 6.2 psi (43 kPa)	Single Grouser 24" 7.9 psi (55 kPa)	Single Grouser 24" 9.3 psi (64 kPa)
Optional	Double Grouser 30" 5.0 psi (34 kPa)	Double Grouser 30" 6.4 psi (44 kPa)	Double Grouser 30" 7.5 psi (52 kPa)
Optional	Triple Grouser 36" 4.3 psi (29,6 kPa)	Triple Grouser 36" 5.3 psi (37 kPa)	Triple Grouser 36" 6.3 psi (43,2 kPa)

FELLING HEAD OPTIONS

	608	618	628
18" Felling Head	Standard	Optional	N/A
20" Felling Head	Optional	Standard	Optional
22" Felling Head	N/A	N/A	Standard

This listing was correct at time of publication and is provided as a guide only. See current specification sheets for standard and optional equipment on individual models.

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