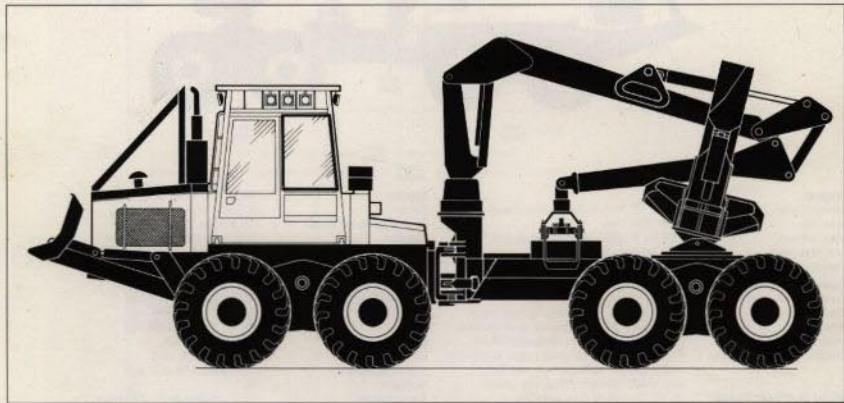


Timberjack

933C

Clambunk

SPECIFICATIONS



Big loads. Fast turns. Long hauls. This is the one transporter that does it all, on all terrain and in all kinds of weather. If you have the production volume to support it, a 20-ton Timberjack 933C Clambunk can have your trees to roadside for less cost than you ever thought possible. It's a one-man, one-machine powerhouse that can replace four to six conventional skidders and match the output of one, and usually two, feller bunchers.

With a choice of tracks, or up to 50-inch (1270 mm) flotation tires, the double-bogie 933C, with its

incredible tractive power, can outskid anything else available, whether on steep ground, rough ground or soft ground. And because of the easy ride of the bogies, a superb operator's cab and controls, and a low 76 dBA noise level, this user-friendly machine provides an unparalleled work environment for sustained output over a full shift.

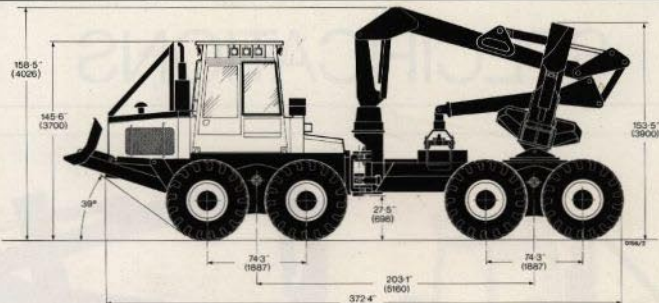
The Timberjack 933C is powered by a 209 hp (155 kW) Turbo Volvo driving a 3-speed powershift transmission with high and low

range to the double gear-driven bogies. The loader in the hands of a competent operator can fill the 32 sq. ft. (3 m³) bunk with a full payload in less than ten minutes.

Aside from its operating capabilities, the 933C is an environmentally friendly machine. It takes fewer passes to log a given area, reducing soil compaction and rutting, and its long-haul capability can significantly reduce the expense, the land loss and the erosion impact of miles of feeder roads.

933C

Timberjack Clambunk



Engine

Model/Cyts. Volvo TD 71A 6-cycl. turbo diesel
Max. hp 209 (154 kW)
Max. torque 506 lb. ft. (687 N-m) @ 1500 rpm
Displacement 411 cu. ins. (6.73 litres)
Fuel tank capacity 68.7 gals. (260 litres)

Power Train

8 wheel drive, powershift
Torque converter Single stage, with lock-up
Transmission Clark 28460, full reversing, two stage
Speeds 3 low and 3 high, forward and reverse
Max. speed 18.6 mph (30 km/h) (standard tires)
Double bogie assembly Model 170400, full gear bogie assembly with 'no-spin' differentials and fully protected inboard planetary gears.

Brakes

Bogie beam oscillation Articulated frame, $\pm 15^\circ$, turnable type bearing
Steering $\pm 40^\circ$ with two double-acting hydraulic cylinders.

Brakes

Service Pneumatically actuated, fully protected, service-free, oil immersed multiple disc brakes on the pinion shaft of the rear bogie.
Park Spring applied service brake on pinion shaft of front bogie.

Hydraulic System

Main pump capacity 2 @ 28.3 gpm (2 x 107 litres/min.)
Servo pump capacity 1 @ 7 gpm (26 litres/min.)
System pressure 2755 psi (19 kPa)
Reservoir capacity 34 gal. (129 litres)

Electrical System

Alternator 24 volt, 55 amp. self-energizing
Batteries (2) 1 @ 7 gpm (26 litres/min.)
Lights (2) driving and (8) work lights, high intensity Halogen style

Tires

	Size	Overall Width
Standard	20.5 x 26 18 pr	130" (3 314 mm)
Optional	68/50 x 32 16 pr	169" (4 284 mm)

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Loader

Reach 24.3 feet (7.4 metres)
Gross lifting moment 113,590 lb. ft. (154 kN-m)
Rotorator GV10S continuous rotation
Grapple model/opening T-355 / 82.8 inches (2 105 mm)
Grapple area 3.76 sq. ft. (0.35 m²)

Weight (standard equipment)

Front axle 35,187 lbs. (15 960 kg)
Rear axle 26,544 lbs. (12 040 kg)
Total 61,731 lbs. (28 000 kg)
Clambunk 32 sq. ft. (3.00 m²)
Clambunk opening 150 in. (3 800 mm)
Load capacity 40,000 lbs. (18 000 kg)
Rotation 160°
Tilt capacity +13° forward and -17° back

Instruments

Tachometer • Voltmeter • Engine oil pressure gauge • Engine coolant temperature gauge • Transmission temperature gauge • Transmission temperature gauge • Brake maintenance warning light • Horn.

Operator's Cab

Fully enclosed safety cab • Ergonomic, tiltable, sound and thermal insulated, noise level below 76 dBA • Dual controls for driving and steering • Deluxe cloth, fully adjustable, swivel suspension seat with seat belt and armrests • Fully adjustable, armrest mounted joystick controls for the loader, clambunk operation and off-road driving • Cab heater and pressurizer • AM/FM cassette radio.

Standard Equipment

Heavy duty dozer blade • Tilttable engine hood and cab • Provisions for communication radio • Fire extinguisher • Windshield wipers (front and rear) • Hard ground bogie tracks • Owner's Manual, Parts Book • Tool box.

Optional Equipment

Air conditioning device • Engine preheater • Spare wheel • Engine exhaust brake • Soft ground bogie tracks • Field kit to convert to long length forwarder.

The manufacturer reserves the right to make changes or add improvements at any time without incurring any obligation to make such changes on machines manufactured previously.

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