



## 3800C

Madill Log Loader

For over 60 years Madill's purpose built logging equipment has set the standard in performance, productivity and longevity for west coast logging. Madill's heritage of rugged, tried and true forestry machines ensures both reliability and durability for your most demanding logging environments...

...the heritage continues....



### Specifications

Engine	Detroit Diesel Series 60 Tier III 14.0 Litre, 325 HP @ 2,000 RPM, DDEC V electronic fuel injection
Radiator & Oil Cooler	2,100 sq. in. high capacity side by side radiator, charge air and oil cooler
Electrical	24 volt 70 amp alternator, 2 - 8D batteries, 8 halogen lights
Hydraulic Pumps	Rexroth variable displacement piston pump, 204 U.S. gal/min, 4,000 PSI operating pressure, pilot and grapple rotation pump on engine
Valve	Linde Synchron load sense valve provides tuneable multi function capability
Filters	10 Micron return filters mounted in hydraulic tank, 80 mesh suction screen
Speed	2 speed to 2.8 mph
Fuel Tank	Rear mounted Fuel/Oil Tank, capacity: Fuel - 270 U.S. gallon, Oil - 150 U.S. gallon

### Boom

Boom	Madill deep section, formed construction boom cylinders located to give a full range envelope
Boom Reach	Heel Boom Maximum reach 44' Butt N Top Maximum reach 39'
Boom Gross Lift	Gross lift capacity: 20' - 46,930 lbs, 25' - 36,960 lbs, 30' - 29,960 lbs 35' - 24,560 lbs, 40' - 19,300 lbs
Boom Cylinders	KYB: Boom - $\varnothing$ 6.69"   Stick - $\varnothing$ 7.09" Heel - $\varnothing$ 5.0"

### Weights & Dimensions

Weight	100,000 lbs with attachment
G.P	10.1 PSI
Counterweight	14,000 lbs
Undercarriage	D7HD, 17'0" long x 12'6" wide, 30" double grouser shoes 9 Excavator rollers per side, top track slides, ski type rock guards
Carbody Clearance	30"
Track Dimensions	17'0" long x 12'6" wide
Tractive Effort	79,100 lbs
Tailswing	11'2"



Image: Madill 3800C with Heel Boom attachment

### House & Cab

House	Single piece hydraulically raised house c/w tube frame, punched plate grilles, easy access stairway
Cab	Madill 46" rear entry cab, high visibility with bronze tint Lexan floor and side windows, marguard front window, tilt open left hand window, air ride heated seat, arm rests and joystick controls, 53,500 BTU heater, 33,000 BTU air conditioner, emergency exit, dual wipers, AM/FM radio/CD player, DDEC V engine monitor and diagnostic system
Cab Riser	Forward sloped for good visibility, 15' eye level, hydraulic tilt for moving

### Swing Mechanisms

Swing Bearing	67" Kayden
Swing Drive	Twin L & S planetary with adjustable free swing
Swing Speed	7.5 RPM
Swing Torque	130,700 ft. lbs

