



## 124 Swing Yarder

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 Series 60 14.0 Litre, 450 HP @ 2,100 RPM Turbo charged, air to air charge cooled, 30 CFM compressor, side by side radiator and clutch cooler
Transmission	Allison HD 4060 fully automatic shifting, c/w auto lock-up torque converter, 5 speed forward
Winch	Madill regenerative both ways with waterfall drum arrangement. All clutches outside winch frame. Declutching on the fly. All clutches "on" feature. Main drums independent with equal drum reversing.
Gears	Madill helical cut, induction hardened
Hydraulics	In-line double piston pump with valves to: - Provide load sensing and HP compensation - Provide straight tracking with swing Gear pump for: - Boom Hoist and Guylines - Actuation of pull clutches
Fuel Tank	315 U.S. gallon capacity
Weight	125,000 lbs (approx)
Undercarriage	D7 excavator rail, 17'2"m long x 11'8" wide, 28" double grouser, crawler width 11'8" overall

### Drum

Front Main-Drum	Capacity: 2,550 ft. of 7/8" w/grooved drum Pull: 92,000 lbs Speed: 4,200 ft./min Pulling Clutch: Madill 26x5 Slip Clutch: Eaton 124 Hi-Co Brake: 37" x 4" band w/Maxi
Rear Main-Drum	Capacity: 2,250 ft. of 7/8" w/grooved drum Pull: 92,000 lbs Speed: 4,200 ft./min. Pulling Clutch: Madill 26x5 Slip Clutch: Eaton 124 Hi-Co Brake: 37" x 4" band w/Maxi
Haulback Drum	Capacity: 4,660 ft. of 7/8" w/grooved drum Pull: 93,000 lbs Speed: 5,950 ft./min. Pulling Clutch: Madill 26x5 Slip Clutch: Eaton 224 Hi-Co Brake: Twin 37" x 4" bands w/maxi
Strawline Drum	Capacity: 5,446 ft. of 3/8" Pull: 16,000 lbs Speed: 11,600 ft./min. Clutch: Wichita 216 Brake: 40" disc w/caliper

### House & Cab

House	Single piece hydraulically raised house c/w tube frame, punched plate grilles, easy access stairway
Cab	Madill 44" rear entry cab, high visibility with bronze tint Lexan floor and side windows, Grammer seat with pneumatic suspension, arm rests and joy stick controls, 46,000 BTU heater, 33,000 BTU air conditioner, escape hatch, dual wipers, AM/FM radio/CD player, DDEC IV engine monitor and diagnostic system
Cab Riser	Forward sloped for good visibility, 15' eye level, hydraulic tilt for moving

### Boom & Swing & Guylines

Boom Hoist	Capacity: 450 ft. of 3/4" Pull: 8,500 lbs Speed: 1,656 ft./min. Drive: Hyd. motor Brake: Disc and dog
Boom	60 ft. yarding boom, 2 - 18" x 16" swivelling main fairleads, 1 - 24" x 3" swivelling haulback fairlead, boom mounted cab guard
Swing	Twin multi-stage planetary with bent axis piston motor
Swing Bearing	75.6" O.D. external gear
Guylines (2)	Capacity: 225 ft. of 1 1/8" single part Pull: 8,500 lbs Speed: 165 ft./min.
Gantry	40' high c/w two walking guyline fairleads, gantry lowering

