



Brightwater

FOREST EQUIPMENT

BE 85 Yarder



TURNKEY SOLUTION PROVIDERS TO INDUSTRY

CONCEPT



DESIGN



MANUFACTURE



INSTALL



COMMISSION



OPERATE



BE 85 Yarder

The largest model in Brightwater's range, the BE 85 has an 85ft telescoping tower, with eight hydraulic guy winches. The unit is mounted on a purpose built track base, with two speeds and can negotiate grades up to 50 per cent. Setup and relocation is quick and efficient. The yarder can log a full 170 degrees from one setup, ensuring maximum time harvesting.

The BE 85 has a movable cab to eliminate blindspots when logging, and affording excellent visibility of the

drum set. The 450hp electronically controlled engine is coupled to a six speed powershift transmission, driving and controlling the four winches. Reach is almost 700m with 28mm skyline and mainline (skidline) capacity is up to 870m.

With good reach, fast line speeds, and plenty of power, this is a machine built to extract the largest trees, uphill and downhill.

Specifications

(Subject to change without notice)

DRUM CAPACITIES

	SKYLINE	MAINLINE	HAULBACK	STRAWLINE	GUYLINE (8)
Drum Hub, (mm)	324	324	324	225	250
Drum Flange, (mm)	1,000	900	970	750	450
Drum Width, (mm)	762	762	762	300	400
Rope Capacity, (m)	680	870	1,360	1,200	65
Rope Size, (mm)	28	22	19	10	28

PERFORMANCE

	SKYLINE		MAINLINE		HAULBACK	
	Line Pull (kg)	Speed (m/min)	Line Pull (kg)	Speed (m/min)	Line Pull (kg)	Speed (m/min)
Bare Drum	67,000	380	67,000	380	63,000	440
Mid Drum	33,000	766	33,000	766	29,000	876
Full Drum	22,000	1,200	22,000	1,200	18,000	1,310



Brightwater

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