

K860 KNUCKLEBOOM LOADER



PERFORMANCE BENCHMARK.

The hydraulic system is the industry benchmark, featuring multi-functioning capabilities enabling operators to lift, swing, and rotate grapple simultaneously without impairing performance. The system also now has improved cold oil bypass and hose routing increasing reliability.



PRODUCT DIFFERENTIATION.

The K860 features many larger components including boom and stick cylinders, swing motor, and implement pump. Combined with strengthened structures and a standard counterweight, the K860 delivers the performance needed for high production jobs and large timber.



ENGINE SIMPLIFICATION.

The K860 packs a punch with the 202 HP C7.1 Stage 5 Cat® engine and provides a simplified engine arrangement by reducing engine Electronic Control Modules (ECMs) from 3 to 1, using a new direct drive fan, and increased horsepower for peak performance and multi-functioning.



EASE OF OPERATION.

The steel console provides increased work zone visibility, an easy to clean surface and phone charging capabilities. Weiler electronics and control systems provide a user friendly interface and deliver new ease of use features including push to start.



IN-HOUSE MANUFACTURING.

95%+ of all fabrications for the loader, delimber and grapple are made in Weiler's LaGrange, GA facility. This combined with a locally sourced trailer, U.S. manufactured cylinders, and a local parts warehouse enables quick reaction to customer needs.



UNMATCHED SUPPORT.

The industry's only loader and work tool package. The Weiler 426A delimber and 4548 or 5055 grapples ensure one point of contact for warranty and service to keep your operation up and running. Both grapple models also have a 3-port swivel option making them grapple saw ready.



K860 SPECIFICATIONS

ENGINE MODEL	Cat® C7.1 Stage 5	MAXIMUM REACH	32' 6"	9.90 m	SWING TORQUE	73,800 lbf-ft 100 kN-m
GROSS POWER	202 hp 151 kW	WEIGHT	36,500 lb 16 556 kg	SWING SPEED	9.5 rpm	
ENGINE SPEED	1800 rpm	TRANSPORT WIDTH	8' 6"	2.57 m	HYDRAULIC OIL TANK CAPACITY	50.0 gal 189 L
FUEL CAPACITY	100 gal 379 L	TRANSPORT HEIGHT	13' 3"	4.04 m	COUNTERWEIGHT	1,440 lb 653 kg
DEF CAPACITY	4.2 gal 16 L	TRANSPORT LENGTH	52' 1"	15.88 m		

Base configuration includes standard loader hydraulics, 426A delimber, Pitts crawler suspension trailer, single V heel, 5055 TW grapple, and standard boom and stick. All transportation dimensions are of a trailer mounted loader.

POWERTRAIN

Cat® C7.1 engine certified to EPA Stage 5
Primary and secondary fuel filters, including water separator
Electric fuel priming and transfer pump
2-Stage engine air cleaner
Oversized cooling system
Engine driven cooling fan
Engine auto idle down

OPERATOR ENVIRONMENT

Enclosed cab with swing out front window guard meeting SAE J2267
Dual pilot joystick control with foot pedal swing
Reverse slope tinted windshield and skylight with sunshade
Two cup holders
High capacity HVAC system
Air suspension high back seat
AM/FM/Bluetooth Radio
24V to 12V converter and 2 x 12V power port
Windshield wiper
Independent stabilizer controls
Integrated trailer hydraulic landing gear control
Weiler programming system
Adjustable operator controls

HYDRAULICS

Excavator style "negacon" pump control system
Variable displacement pumps
High performance, multi-functioning main control valve
Spin-on filters
Mechanical cold oil bypass
In-line return
Electric hydraulic oil fill pump

ELECTRICAL

100 ampere alternator
24-volt electrical system with 2 12-volt batteries
Main disconnect switch with Diesel Exhaust Fluid (DEF) purge indicator light
6 LED working lights & 1 engine compartment service light
4 circuit electric swivel

OTHER STANDARD EQUIPMENT

Extreme-duty delimbing boom and stick
Heavy-duty, extended length center mount sub-frame
Bolt-on counterweight
Flat top sub-frame deck with bolt-on skid resistant fenders
Bolt-on sub-frame ladder
12" (305 mm) grapple knuckle

OPTIONAL EQUIPMENT

32' 6" Boom & Stick (9.9 m)
32' 6" Grapple Saw Ready Boom & Stick (9.9 m)
Single "V" or Double "V" heels
50' Crawler Trailer w/ Hyd. Landing Gear w/426A Delimber
50' Crawler Trailer w/ Hyd. Landing Gear w/426A Delimber w/Front Guide
Trailer Omission
Hydraulics & Controls for 3rd Part Delimber & Trailer
4548 Straight Narrow Jaw Grapple (2 or 3 Port Swivel)
4548 Tapered Wedge Jaw Grapple (2 or 3 Port Swivel)
5055 Straight Narrow Jaw Grapple (2 or 3 Port Swivel)
5055 Tapered Wedge Jaw Grapple (2 or 3 Port Swivel)
Premium Heated & Cooled Seat
CB Radio
Weld-on Trailer Plating
Weld-on Trailer Plating w/Saw Buck Stop
Product Link™ (PL243 Cellular or PL631 Satellite)
Additional Ladders
Vacuum Pump
Bar Saw Slasher Hydraulics Adapters (JIC to ORFS)
Bar Saw Slasher Hydraulics Adapters w/Shut Off Valves (JIC to ORFS)
5 LB Fire Extinguisher

SALES AND SERVICE

Sold and serviced exclusively through Weiler Forestry dealers worldwide.

WARRANTY

12 months standard. Extended warranty available.

