

K341 STATIONARY KNUCKLEBOOM LOADER



OPERATOR COMFORT.

If equipped, the right side mounted cab features a large, fully adjustable suspension seat with lumbar support, fold-up armrest with hydraulic pilot joystick controls, and a foot swing pedal for ease of operation. The improved HVAC system keeps the operator comfortable year-round and is common across all Weiler knuckleboom loaders.



ON BOARD POWER UNIT.

The on board electric power supply and hydraulics allow for continuous or non-continuous rotation. This configuration also provides a space saving installation as all components are mounted on the loader with only the electrical harnesses routed up through the mounting structure.



REMOTE POWER UNIT.

Remote electric power supply and hydraulics are placed on the ground for easier service access to the electric motor, hydraulic pumps and hydraulic valve. Hydraulic hoses are routed up the mounting structure through the center of the loader. Available in limited rotation only.



REMOTE CONTROL OPERATION.

Loaders with optional remote controls are designed with electric over hydraulic (EHC) joysticks with proportional controllers that enable the loader to be operated from a remote location. Specially designed multi-conductor cables ensure reliable signal continuity. All control installation, mounting, and cable routing is the responsibility of the customer.



RESILIENT PAD MOUNTING.

The Resilient Pad Mounting System includes a set of special rubber isolators on each mounting fastener that absorb stress in two directions. An additional hydraulic accumulator is built into the main boom cylinder circuit to further absorb peak-load shocks. The main power cable can be routed on any of the four sides or through the center.



PRODUCT RELIABILITY.

A new swing gear planetary, swing motor, updated valves and modernized cab deliver improved reliability. A larger fan and increased oil cooler capacity results in more cooling efficiency. Electric control valves simplify the design and reduce hose routings. The electrical system has received a complete redesign, modernizing the entire control panel.



K341 SPECIFICATIONS

ELECTRIC POWER SUPPLY	460 volts: 60 Hz	
ELECTRIC MOTOR POWER	75 hp	56 kW
ELECTRIC MOTOR SPEED	1,800 rpm	
WEIGHT - ON BOARD POWER w/CAB & PILOT CONTROLS	16,380 lb	7430 kg
WEIGHT - ON BOARD POWER w/REMOTE CONTROLS	TBD	TBD
WEIGHT - REMOTE POWER w/REMOTE CONTROLS	11,260 lb	5107 kg
WEIGHT - REMOTE POWER UNIT ONLY	4,560 lb	2068 kg

CONFIGURATIONS

1. On Board Electric Power and Operator's Cab on loader with pilot joystick controls
2. On Board Electric Power and Remote Operator's Station with electric over hydraulic control valves
3. Remote Electric Power and Remote Operator's Station with electric over hydraulic control valves

NOTE: It is the customer's responsibility to provide the remote operator's station and perform the control installation for configurations 2 & 3.

MOTOR POWER SUPPLY

75 hp (56 kW) @ 1800 rpm electric motor
460 Volt / 60 Hz Electric Power Supply option
Direct pump drive through flex coupling
Magnetic starting system

HYDRAULICS

Electric valves on remote control units
Pilot operated valves on cab unit
Dedicated pilot pump eliminating divert valve
Three in-line gear pumps - 44-33-22 gpm (167-125-83 L/min) of flow
Thermal and high pressure oil cooler bypass valve
3 HP cooling fan on remote control units
In-tank high volume hydraulic filter common to other Weiler products

ELECTRICAL

Weiler machine software
Weatherproof electrical service panel including circuit breakers
Updated high voltage panel with increased cooling and component capacity
LED beacon for active status
Proximity switches for electrical swing stops if equipped

OTHER STANDARD EQUIPMENT

Central grease bank mounted to main boom frame
Resilient Pad Mounting System with rubber isolators
Mounting pattern compatible w/ Cat 519 ESM, Prentice 2410, Weiler K261

SALES AND SERVICE

Sold and serviced exclusively through Weiler Forestry dealers worldwide.

SYSTEM PRESSURE	2,200 psi	152 bar
SWING PRESSURE	2,400 psi	165 bar
SWING SPEED	8 rpm	
SWING BEARING DIAMETER (O.D.)	43"	1092 mm
HYDRAULIC RESERVOIR	80 gal	300 L
3 IN-LINE GEAR PUMPS	99 gpm	375 lpm

OPTIONAL OPERATOR'S CAB

Right side mounted cab w/ 1/2" polymer front window meeting SAE J2267
LED working lights
Forestry control pattern with foot pedal swing
Pressurized with heat and air conditioning
Adjustable seat with arm rests
Dual pilot joystick controls (foot pedal swing with forestry control pattern)
Reverse slope tinted windshield
Windshield wiper
Lexan skylight with sunshade
High capacity HVAC system
AM/FM/Bluetooth radio
30% improvement in hydraulic cooling capacity with 5 HP cooling fan

OPTIONAL EQUIPMENT

27' (8.2 m) Standard Boom and Stick
30' (9.1 m) Standard Boom and Stick
Continuous Swing Rotation (Not Available with Remote Power Option)
Limited Swing Rotation with Electrical and Bolt-on Mechanical Swing Stops
Remote Controls by Another Unit (Not Available with Cab Configuration)
Remote Control Harness Options (60', 100', 150', 200', 250', 350')
Steel Platform Shock Mount kits (8" or 9.5" bolts)
J-Hook and Hardware for Concrete Base Mounting
Single "V" or Double "V" Heel
575 V / 60 HZ Power Substitution
Premium Seat w/ Heating & Cooling Substitution for Cab Option
Phone Holder for Cab Option
Base Mount Pattern
Electric Hydraulic Oil Fill Pump
14 Circuit, 120V, 30A Electrical Swivel (Available w/ Continuous Rotation)
27' Linkage Stick Tubes Protection
1,000 lb Counterweight
30" Pedestal Riser
4042 Straight Narrow Jaw Grapple
4548 Straight Narrow Jaw Grapple
4548 Tapered Wedge Jaw Grapple

WARRANTY

12 months standard. Extended warranty not available.

