

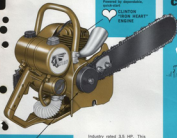
Chief "Chief" Chief

D-25

Perfect companion for the occasional cutter, with a perfect price for maximum cutting dollar value

Powered by dependable, world-famous

CLINTON
"IRON HEART"
ENGINE



NEW ROLLER SPROCKET AND ROLLER CLUTCH PUTS ALL THE FORCE ON THE CHAIN

Advanced roller sprocket and post-venturer roller clutch deliver full horsepower to the chain with minimum vibration and faster cutting, less fatigue.

Industry rated 3.5 HP. This performance-packed chainsaw is ideal for bucking firewood, pruning, felling, and other light duty cutting chores on farms, acreages or suburban lots. Feature for feature this saw compares with professional units, but it is not intended for continuous duty use. Light weight, finger-tip balance and control with wrap-around handle allow flush cuts. Single diaphragm carburetor with fuel pump permits any position, all-angle cutting. Improved cam-type recoil starter and 18,000 volt magnets give instant starts every time.

3.5 HP
GROSS DRIVE
CHAINSAW



Feature Benefits of The Clinton Quick-Start "Iron Heart" Engine

1. **Complete Clinton "Iron Heart" cylinder design provides more efficient piston ring and increased compression ratio for prolonged life and greater power.**
2. **Integral aluminum cylinder head and crank case for lightweight, compact engine . . . extends engine life, reduces maintenance.**
3. **Wider seat bearing surface creates, all-steel engine operation.**
4. **New piston and overhead valve head provide maximum power from optimum distribution of intake/exhaust mixture, and avoid discharge of exhaust gases . . . Clinton's exclusive anti-flood, anti-stalling feature.**
5. **Aluminum gird designed for optimum discharge of exhaust gases, exclusive gear-reducing belt process.**
6. **High quality all steel gear positive crank case sealing.**
7. **Special exclusive security alloy construction, precision ground and heat treated to withstand stress and strain under heavy loads.**



8. **Anti-rattle valve seat bearing is easily replaceable to extend engine life.**
9. **Overhead connecting rod designed for durability and high rpm's, balanced for maximum engine efficiency.**
10. **Timing lightable piston designed for timing power.**
11. **Special balance designed flywheel gives Clinton engine greater starting under all starting conditions, even in hottest weather.**
12. **Wide gaskets create seal on all weather conditions with Clinton's 5000-watt magnets and ignition assembly.**
13. **Maximum efficiency air cleaner . . . all new cleaning assemblies.**
14. **Single discharge collector with fuel pump for cutting in any position . . . gives maximum horsepower with superior economy.**
15. **Sturdy designed bearings, steel shafts.**
16. **Complete exhaust factory assembled to fit.**



5000 WATT MAGNETS with Super Iron Brake Bar. Patented valve for hot sets in such as 20% faster, reduces wear & gives low friction, hot . . . extends life of gaskets from, intake and exhaust. Use 20" and 20" valve 1/2.

Type: Clinton iron cylinder, two-cyls., air-cooled

Bar & Brake 1/2 dia. x 1 1/2 diam.

Replacement: 4-8 cubic inches

horsepower: 22 HP (factory rated)

Engine Weight: 22.5 lbs.

Head: 21 and gaskets inc. fit gird to one gasket

Head Tank: 1 quart capacity

Collector: Single discharge with fuel pump for absorption cutting.

Exclusive Security: High quality precision die cast aluminum cylinder head with integral cast iron steel gear reduction shaft, magnesium alloy and handles for low cost replacement if damaged.

Settings: 1 full bearing on standard drive end

Start: Heavy Patented bar for operation under hot to hot various starting conditions.

Valves: Intake adjusted, with stainless steel valve assembly. Exhaust gasket and fuel air clearance away from operator.

Washer: Steel Brake handle. Heat-treated for easy grip . . . permits fast cutting.

Valve 1/2 inch Valve Patented . . . cut in such as 20% faster . . . reduces wear & gives low friction . . . extends life of gasket bar.

Head Bar Length: 21", 20" and 20" (5000 WATT MAGNETS, replacement gasket bars and 20" and 20" (5000 WATT)

Steel: 500" (200, 200) grade "Super" steel standard equipment.

Clinton Engine Corporation • Muskegon, Iowa
Manufacturers of Air-Cooled Engines, Generators, Collector Motors



5000 WATT Head Bar Face for Intake Interchangeable 20", 20" and 20" engines. 5000 WATT gird for all models "Super 20" factory pre-assembled clean intake and 200-4 for standard life.