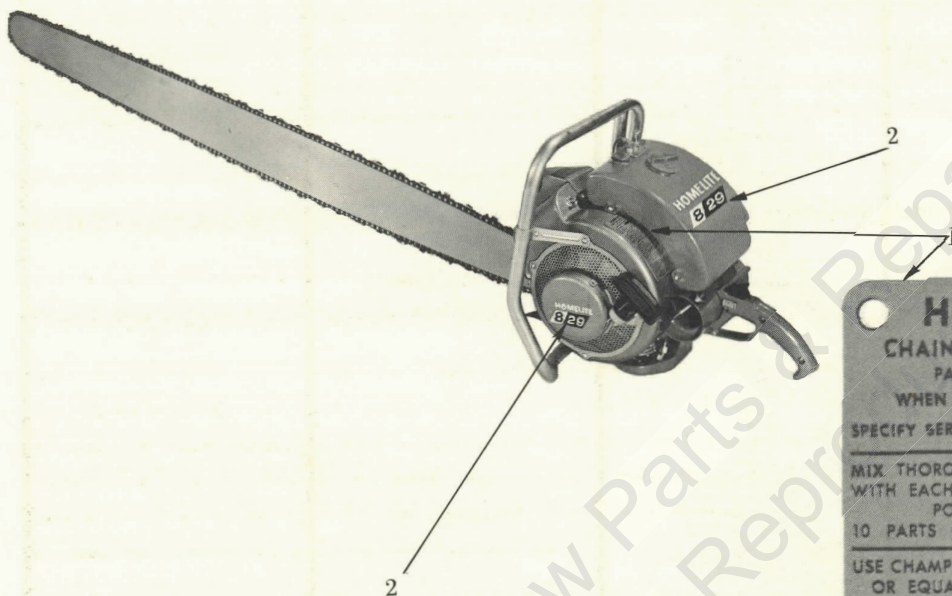


## MODEL 8-29

Model 8-29 Belt Drive Saw  
Replaced 7-29 in Production September, 1958.  
COLORS: Red and Opalescent Green.



**HOMELITE**  
CHAIN SAW MODEL 8-29  
PATENTS APPLIED FOR  
WHEN ORDERING SPARE PARTS  
SPECIFY SERIAL No. \_\_\_\_\_

MIX THOROUGHLY 3/4 PINT SAE-30 OIL  
WITH EACH GALLON GASOLINE BEFORE  
POURING INTO TANK.  
10 PARTS GASOLINE TO 1 PART OIL.

USE CHAMPION HO-3 OR J-3 SPARK PLUG  
OR EQUAL SPARK PLUG GAP .025"

MAGNETO BREAKER POINT SETTING .020"

**STARTING INSTRUCTIONS**

1. Push switch "ON" and open fuel valve.
2. Pull out choke button, lock throttle open. Be sure chain is clear of obstructions.
3. Pull starter slowly until it engages, then pull rapidly. DO NOT LET HANDLE SNAP BACK.
4. After 5 spins push choke in half way. Pull starter until engine starts. As engine warms up, push choke in completely. Don't choke hot engine.
5. Carburetor settings: Hi-Speed 1/2 to 3/4 turn open; Lo-Speed 3/4 to 1 turn open.
6. Oil chain frequently.

**HOMELITE**  
a division of Textron, Inc.  
PORT CHESTER, N.Y., U.S.A.

1. Name Plate:  
Model 8-29  
Serial No. \_\_\_\_\_

Note: Instructions on name plate vary according to original carburetor.  
Brown: Hi-Speed  $\frac{1}{2}$ - $\frac{3}{4}$  turn; Lo-Speed  $\frac{3}{4}$ -1 turn.  
Tillotson: Lo-Speed 1- $\frac{1}{4}$ ;  $\frac{1}{2}$ - $\frac{3}{4}$ .

2. DECALS: 8-29 on pulley cover and fuel tank.

# UNIT SPECIFICATIONS

	MODEL 8-29	MODEL 8-29AS	
<b>BASIC STYLE</b>	2-Piece Crankcase with separate drivecase	2-Piece Crankcase with separate drivecase	
<b>TRANSMISSION</b>			
Type	Belt	Belt	
Ratio	2.75:1	2.75:1	
Sprocket Pitch/ No. of Teeth	1/2"-8	5/16"-7	
	5/16"-7	1/2"-8	
Chain Oil Reservoir	Integral Part of Fuel Tank	Integral Part of Fuel Tank	
Reservoir Capacity	7 ounces	7 ounces	
<b>STARTER TYPE</b>	Ball Drive	Ball Drive	
Rotation (from starter side)	Counterclockwise	Counterclockwise	
<b>ENGINE</b>			
Bore	2 1/2"	2 1/2"	
Stroke	1 3/8"	1 3/8"	
Displacement—cu. in.	7.88	7.88	
Main Bearing I.D.	.9843/.9839	.9843/.9839	
Seal—Magneto Side	Single Garlock	Single Garlock	
Seal—Main Bearing	Vellumoid plus Single Garlock	Vellumoid plus Single Garlock	
Piston Rings—Height	5/64"	5/64"	
Width	.116/.106	.116/.106	
End Gap	.070" min.—.080" max.	.008" min.—.018" max.	
Governor Type	Rotary	Rotary	
Peak horsepower at	4800-5000 RPM	4800-5000 RPM	
<b>IGNITION SYSTEM</b>			
Spark Plug	HO-3	HO-3	
Spark Plug Gap	.025"	.025"	
Type Magneto	Wico	Wico	
Breaker Point Setting	.020"	.020"	
Primary Coil Resistance	.55 ohms	.55 ohms	
Secondary Coil Resistance	5500-6000 ohms	5500-6000 ohms	
Condenser Capacity	.16-.20 mfd.	.16-.20 mfd.	
<b>FUEL INDUCTION SYSTEM</b>			
Tank Construction	Integral fuel and chain oil compartments	Integral fuel and chain oil compartments	
Fuel Capacity	1 qt. 30 oz.	1 qt. 30 oz.	
Fuel Feed	Pump	Pump	
Type Carburetor	Diaphragm	Diaphragm	
Model	HP-19B or 1-CS	HP-19B or 1-CS	Replace with HP-19B
Air Filter	Skinner	Skinner	
Type Intake Valve	Rotary	Rotary	

\*Part No. 74626-2 used for all service.